

**PROPOSED RENOVATIONS & EXTENTIONS TO REHABILITATION UNITY,
DENTAL UNIT BLOCK, MEDICAL ENGINEERING BLOCK AND STORM
DRAINAGE WORKS AT KIBWEZI SUBCOUNTY HOSPITAL**

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	REHABILITATION AND DENTAL UNIT BLOCK				
	<u>ELEMENT NO.1</u>				
	<u>DEMOLISIONS, EXTENTIONS AND ALTERATIONS</u>				
	<u>Extentions to create Plaster room and Dental unit</u>				
	<u>Demolition of existing kiosk</u>				
A	Carefully demolish existing mabati made kiosk to allow for Extentions and construction of plaster room and dental unit and keep aside the arisings as directed.		Item		
	<u>SUBSTRUCTURES</u>				
	<u>All Provisional</u>				
	<u>The quantities and nature of the work indicated are provisional. The actual work done shall be ascertained, valued and adjustment made accordingly</u>				
	<u>Dental unit, Plaster room and Varandah</u>				
	<u>Over site excavations</u>				
B	Clear site of existing bushes, shrubs and grasses and uproot all uprising roots and burn the arising	27	SM		
C	Cut down trees above 300mm girth and remove stums as directed	5	No		
D	Excavate over site to remove top soil average 150mm deep and cart away debris	27	SM		
E	Ditto to reduce level commencing from stripped depth 150mm thick	27	SM		
	<u>Excavation</u>				
F	Excavate foundation trenches commencing from reduced level not exceeding 1.5M deep	8	CM		
G	Extra over for excavation in all categories of rock	1	CM		
H	Return fill and ram selected excavated materials around foundations	6	CM		
I	Load and cart away surplus excavated material	3	CM		
	<i>Total carried to Collection</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
A	<u>Dewatering</u> Keeping all excavations free from all general water		ITEM		
B	<u>Plunking and strutting</u> Allow for maintaining and supporting sides of excavations and keeping the same free from fallen material		ITEM		
C	<u>Filling</u> 300mm thick hardcore filling well watered and compacted in layers of 150mm maximum thickness to make up levels	25	CM		
D	50mm thick quarry dust/Murram blinding to surfaces of hardcore	54	SM		
E	<u>Anti - termite treatment</u> Chemical anti-termite treatment executed complete by an approved specialist under ten (10) year guarantee to surfaces of blinded hardcore	54	SM		
F	<u>Damp proof membrane</u> 1000gauge polythene or any other equally approved Damp proof membrane laid under surface bed with 300mm side and end laps(measured nett - allow for laps)	54	SM		
G	<u>Natural stone walling, roughly chisel dressed on both sides and jointed in cement and sand (1:3) mortar</u> 200mm foundation walling	32	SM		
H	<u>Mass concrete class 15 (1:3:6) in:</u> 50mm thick surface blinding under strip footings	24	SM		
I	<u>Reinforcement</u> Mesh fabric reinforcement A98 to B.S 4483 (measured nett-allow for laps)	54	SM		
	<i>Total carried to Collection</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
A	<u>High Yield reinforcement bars:-</u> 8mm diameter ditto	26	KG		
B	12mm diameter ditto	69	KG		
C	<u>Sawn Formwork to</u> Sides of ground floor slab, 75 to 150mm wide	32	LM		
D	<u>Insitu Reinforced Concrete class 20/20, vibrated and reinforced as described in :-</u> Strip foundation	3	CM		
E	Column bases and substructure columns	1	CM		
F	100mm thick floor bed	54	SM		
G	Ramp	1	CM		
	Total carried to Collection				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>SUPERSTRUCTURE</u>				
	<u>WALLING</u>				
	<u>Machine cut stone walling:</u>				
A	200mm thick, bedded and jointed with cement and sand mortar (1:4), reinforced with 20SWG hoop iron in alternate courses to external wall	74	SM		
B	Extra over ditto for 400 x 400mm piers ditto	2	NO		
	<u>Damp proof course, as described to walls</u>				
C	Polythene sheet; 500 gauge, 200mm wide wetted laps horizontally placed below masonry walling	24	LM		
	<u>Mild Steel Posts</u>				
D	Supply and fix 60mm diameter x 2.5mm thick mild steel CHS post, 3000mm high plugged into concrete slab with U-shaped top to receive roofing timber joist	4	NO		
	<i>Total carried to Collection</i>				
ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>SUMMARY/COLLECTION</u>				
	Brought Forward from page 1				
	Brought Forward from page 2				
	Brought Forward from page 3				
	Brought Forward from superstructure page 4				
	TOTAL FOR EXTENTIONS (DENTAL/ PLASTER/VARANDAH) TO SUMMARY				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>DEMOLISONS AND ALTERATIONS</u>				
	<u>Plinth Surfaces</u>				
A	Prepare and apply 15mm thick cement and sand (1:3) render to plinth to receive bituminous paint externally	12	SM		
	<u>Painting</u>				
B	Prepare and apply three coats of black Bituminous paint to rendered plinth surfaces.	12	SM		
	<u>Paving slabs</u>				
C	Supply and fix 600 x 600 x 50mm thick precast concrete paving slabs jointed with cement sand (1:3) mortar laid on and including 50mm thick sand/murram blinding.	12	SM		
	<u>Cracks repair</u>				
D	Allow for repair of all cracks on walls using rich cement and sand mortar mix (1:11/2) 10mm diameter steel dowels, to the satisfactory of the P.M		Item		
	<u>Shelves</u>				
E	Provide materials and construct high level shelves made of MDF BOARDS, to Plaster room, phsio therapy, dental unit as per the Engineers instructions and approval.		SUM		
	<u>Work top to Lab.</u>				
F	Provide materials and construct a concrete worktop 10m longx600mm wide x 900mm high finished with white glazed tiles, and a sainless steel sink, all to Engineers Instructions and approval.	5	SM		
G	Carefully demolish the gable walls to allow for a ring beam and keep aside the blocks for re-use.		Item		
	<u>Walling</u>				
H	150mm thick block walling bedded and jointed in cement and sand mortar 11;3and reinforced with hoop iron at every alternate course	50	SM		
	<u>Vibrated reinforced concrete 1:2:4 (class 20 (20/20mm) in:</u>				
I	Ringbeams	6	CM		
J	8mm diameter ditto	176	KG		
K	12mm diameter ditto	317	KG		
	<u>Sawn formwork to :</u>				
L	Sides of ringbeam	54	SM		
	Total for demolisisions and alterations carried to Summary				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>ROOFING</u>				
A	Carefully remove the Existing roof cover comprising of corrugated iron sheets, roof timbers, and store the good timber, for re-use as directed by the Project Manager.	200	SM		
B	Allow for anti-termite treatment, by spraying to all infested wallsurfaces, at roof area, and floors	100	SM		
	<u>Roof Structure</u>				
	<u>The following in Triangular Trusses (Different design and span) comprising of Celcured prime grade II cypress or other approved soft wood @ 3200mm above floor slab.</u>				
C	100 x 50mm cypress timber Rafters	140	LM		
D	Ditto but king post	27	LM		
E	Ditto but wall plate	87	LM		
F	Ditto, but ties and struts	170	LM		
G	75 x 50mm ditto to Purlins	236	LM		
H	220 x 25mm Fascia/berge board	61	LM		
	<u>Roof Covering.</u>				
I	30Gauge prepainted box profile roofing sheets of approved colour (green/tile red) nailed to timber purlins (m/s) all to approval.	236	SM		
J	Ditto but Ridge caps to match	28	LM		
K	Ditto, but valleys	10	LM		
	<u>Prepare and apply three coats plastic silk emulsion paint to:</u>				
L	Surfaces of timber, 200-300mm girth	61	LM		
	<i>Total for roof carried to Summary</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>FINISHES</u>				
	<u>Floor finishes.</u>				
A.	Hack out the existing floor screed finish and dispose all the arisings away from the site as directed.	72	SM		
B	100mm thick mass concrete floor slab	72	SM		
	<u>Cement and sand Backing.</u>				
C	32mm thick c/s backing to floor to receive ceramic floor tiles.	126	SM		
D	Ditto access ramps and stair cases	10	SM		
	<u>Ceramic tiles as 'SAJ CERAMIC' or other equal and approved bedded and jointed in cement and sand (1:3) mortar and flush pointed with white cement</u>				
E	300×300×8mm tiles	126	SM		
F	Ditto but 100mm high skirting	150	LM		
	<u>Wall finishes.</u>				
	<u>External and Internal</u>				
G	Carefully Wire brush existing peeling paint to plastered wall surfaces both internally and externally.	292	SM		
	<u>Cement sand plaster to walls surfaces (1:3) finished as described</u>				
H	15mm thick cement and sand nil plaster to walls to receive paint internally	208	SM		
I	Ditto but render to sides of beams, jambs and gable wall to receive paint externally	84	SM		
	<u>Painting</u>				
	<u>Prepare and apply three Plastic Silk Emulsion paint to:</u>				
J	Walls Extenally	84	SM		
K	Ditto walls Internally	208	SM		
	<u>Ceiling Finishes</u>				
L	75x50mm bearers	210	LM		
M	50 x 50mm cypress brandering at 600mm c/c	464	LM		
N	12mm Thick Celotex softboard Ceiling fixed to 50 × 50mm sawn cypress brandering (M.S) at 600mm centers both directions fixed with clout headed nails and set out on symettrical panels with 'V' Joints.	126	SM		
O	100 x 20mm cornice with six labours	150	LM		
	<i>Total carried to Collection</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
A	Extra Over celotex ceiling for forming removable access trap door size 750 × 750mm with 100 × 25mm sawn treated cypress trimming joists ; 120 × 25mm wrot cedar frame all round and 12mm soft board removable panel set loose on top of framing including painting.	2	NO		
	<u>Prepare and apply 3coats af 1st quality silk vynil paint to;</u>				
B	Ceilling boards	126	SM		
C	Ditto to cornice not exceedind 100mm girth	150	SM		
	<u>Sluice Sink</u>				
D	Supply and install sluice sink with and including all neccessary connections, to the approval of the P.M	1	NO		
	<i>Total carried to Collection</i>				
	<u>COLLECTION</u>				
A	Total brought forward from pg 08				
B	Total brought forward from pg 09				
	<i>Total for Finishes carried to Summary</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
A	<u>DOORS</u> Carefully remove the existing timber door frames infested by termites, and the the timber doors and store as directed and including making good the disturbed wall surfaces.		Item		
B	<u>Mild steel Door</u> 45mm thick mild steel door size 1000 x 2400mm high comprising 45x45x2mm RHS framework infilled with 2mm thick plate complete with 100x50mm mild steel angle frame complete with steel hinges and fixing accessories	1	NO		
C	<u>Glazing</u> 4mm thick clear glass in panes between 0.5-1.0sm	1	SM		
D	<u>Prepare and apply three matt enamel paint to:</u> General surfaces of metal doors (both sides)	15	SM		
E	Fabricate, Supply and fix mild steel 50x50x3mm thick angle Section frames to walls firmly to approval of the P.M.	36	LM		
F	<u>Flush Door</u> 45mm thick semi- solid core pre-formed mahogany flush door; BS 459 Part 2 Mahogany veneered both sides and lipped on all edges. Semi-Solid core 900x2100mm ditto	6	NO		
G	<u>Supply and fix the following ironmongery as per "UNION" catalogue including for matching screws and all labours in connection therewith:</u> 2-lever mortice lock complete with SAA handles and furniture	6	NO		
H	Floor mounted half moon brass finished rubber door stop plugged.	9	NO		
I	100mm pressed heavy duty double washer stainless steel hinges	9.0	PRS		
J	<u>Painting</u> <u>Prepare and apply three coats Gloss/Varnish paint to:</u> General surfaces of Timber doors (both sides)	34	SM		
	<i>Total for Doors carried to summary</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>WINDOWS</u>				
A	Allow for careful removal of the existing windows and re-fabrication to enlarge them to 2000mmx1500mm high and make both leafs openable, including cutting of the walls and re-fixing and making good the disturbed surfaces.	8	NO		
B	Fabricate, supply and fix steel Window overall size 2000mm wide x 1500mm high fixed to detail.	10	NO		
	<u>Glazing</u>				
C	4mm thick clear glass fixed with first grade putty to steel window frames.	22	SM		
	<u>Prepare and apply three coats Gloss paint to:</u>				
D	General surfaces of Windows (both sides)	44	SM		
	<i>Total for Windows carried to summary</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>ELECTRICAL INSTALLATION WORKS</u>				
A	Lighting points wired in 3x1.5mm sq sc pvc copper cables drawn in concealed 20mm diameter HG PVC conduits including all accessories but without the lighting fittings and switches	10	NO		
	<u>10A lighting switches ivory type as MK range or approved equivalent as follows:</u>				
B	Two gang two way	3	NO		
C	One gang one way	1	NO		
	<u>Lighting fittings complete with appropriate lamps as follows:</u>				
D	4ft LED complete Fluorescent fitting day light T8 Glass material As Tronic or an approved equivalent Complete with hanging chains	4	NO		
E	50W LED security floodlights Fitting day light 4000lm ,IP 65 ,sl 3079-05-bk-dl As Tronic Or approved equivalent.	4	NO		
F	Energy saving bulbs	2	NO		
G	Socket outlet points in ring mains wired in 3x2.5mm sq. SC PVC copper cables concealed in 25mm diameter HG PVC conduits including all accessories but without the sockets	12	NO		
H	2 core 4.0mm sq armoured PVC copper cables for mains drawn in 25mm dia. HG conduits including all accessories .	44	MTRS		
I	13A twin switched socket outlet and all the accessories mounted on the walls.	12	NO		
	<i>Total carried to Collection</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
A	4 Way SP&N consumer control unit flush mounted complete with all accessories as Tronic,Havels or an approved equivalent	1	NO		
B	Galvanized meter box 14X14 ft with double poles and rails complete with all accessories	1	NO		
	<u>SP MCB's as follows</u>				
C	6A SP	2	NO		
D	32A SP	2	NO		
E	Earthing and loop in box metallic to the satisfaction of DR	1	NO		
F	Allow for builders work in connection with electrical works- (chasing of wall, plasterings and painting and general making good of disturbed areas)		ITEM		
	<i>Total carried to Collection</i>				
	<u>COLLECTION</u> Brought Forward from page 13 Brought Forward from page 14				
	TOTAL FOR ELECTRICAL INSTALLATION WORKS CARRIED TO GRAND SUMMARY				

Item	Description	Qty	Unit	Rate	Amount
	<p><u>MECHANICAL AND INTERNAL PLUMBING WORKS</u></p> <p><u>INTERNAL WASTE WATER DRAINAGE.</u></p> <p>Supply and fix the following in UPVC,MUPVC, soil and waste system to BS 4514 and 5255 with fittings fixed to manufactureres printed instructions.</p> <p>tendererers must allow in their prices for all the various sizes of connectors,adobtors, sockets reducers,holder bats chips, sleeves etc required for the satisfactory function of the system.</p> <p>"KEY TERRAIN" PVC soil waste and vent pipes and fitting and jointing in accordance to manufactuere's printed instructions.</p>				
A	32mm diameter grey pvc waste pipes	13	LM		
B	Ditto for bend	5	LM		
C	Ditto for tee	5	LM		
D	Inspection eye	8	NO		
E	100m diameter floor trap	8	NO		
	Total for internal waster water drainage carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WATER RETICULATION.</u>				
	Supply and fix PPR pipes and tubing with screwed and socketed joints to manufacturers printed instructions.				
	Tenderers must allow in their pipe work prices for all flanges couplings, connectors, joints etc as required in the running lengths of pipe all fitting fixing clips and holder bats, plugged and screws.				
	<u>PPR PIPES</u>				
A	25mm dia PPR pipe for internal reticulation	20	LM		
B	32mm diameter pipe for supply	15	LM		
	<u>BENDS</u>				
C	25mm dia bend/elbow PPR	6	NO		
D	50mm dia bend/elbow PPR	6	NO		
	<u>TEE</u>				
E	25 x 25 x 25mm dia equal tee.	4	NO		
F	50x25mm diameter reducer	2	NO		
G	32x32x25mm diameter	2	NO		
H	Supply and fix ceramic Wash Hand Basin size 650 x 450mm as Twyford or other equal and approved	1	NO		
I	6mm thick polished plate glass silver backed mirror with bevelled edges, size 610 x 610mm	1	NO		
H	Supply and install 1000Ltrs plastic water tank with timber flatform in roof complete with all accessories connction and pump with pumb cage	1	NO		
	Total for internal drainage carried to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>FOUL WATER / SOLID WASTE DRAINAGE SYSTEM</u>				
A	<u>Foul drainage pipe network :</u> Excavate in normal soil trench for 150mm diameter UPVC pipe(m.s) part fill and part spread on site invert level	10	LM		
B	<u>Upvc plastic golden brown pipe complete with jointing,joining materials and laying in trench</u> Supply and lay 150mm diameter medium grade golden brown plastic pipes including backfilling to approval	10	LM		
C	<u>Manholes</u> Provide materials, excavate and construct rectangular manholes size 950x750x750mm deep complete with heavy duty pvc manhole covers as before described.	2	NO		
D	<u>Gulley trap</u> Provide materials, excavate and construct rectangular manholes size 300x300x450mm deep average complete with heavy duty pvc manhole covers as before described.	2	NO		
	Allow for connection to existing septic tank including testing/temporary pit latrine		ITEM		
	Total for foul water/ solid waste carried to Summary				
	<u>COLLECTION</u> Brought Forwar from 13 Brought Forwar from page 14 Brought Forwar from page 15 above				
	TOTAL FOR MECHANICAL AND DRAINAGE WORKS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<p style="text-align: center;"><u>SUMMARY.</u></p> <p style="text-align: center;"><u>RENOVATIONS TO REHABILITATION BLOCK</u></p>				
A	EXTENTIONS- DENTAL/PLASTER/VARANDAH				
B	DEMOLISIONS AND ALTERATIONS				
C	ROOFING				
D	FINISHES				
E	DOORS & WINDOWS				
F	DOORS & WINDOWS				
G	ELECTRICAL WORKS				
H	MECHANICAL WORKS				
	TOTAL FOR REHABILITATION BLOCK CARRIED TO SUMMARY				

PROPOSED RENOVATIONS MEDICAL ENGINEERING BLOCK AT KIBWEZI					
ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>DEMOLISONS AND ALTERATIONS</u>				
	<u>Plinth Surfaces</u>				
A	Prepare and apply 15mm thick cement and sand (1:3) render to plinth to receive bituminous paint externally	20	SM		
	<u>Painting</u>				
B	Prepare and apply three coats of black Bituminous paint to rendered plinth surfaces.	20	SM		
	<u>Paving slabs</u>				
C	Supply and fix 600 x 600 x 50mm thick precast concrete paving slabs jointed with cement sand (1:3) mortar laid on and including 50mm thick sand/murram blinding.	18	SM		
	<u>Cracks repair</u>				
D	Allow for repair of all cracks on walls using rich cement and sand mortar mix (1:1 1/2) 10mm diameter steel dowels, to the satisfactory of the P.M		Item		
E	Carefully demolish the walls to allow for a ring beam and keep aside the blocks for re-use.		Item		
	<u>Walling</u>				
F	150mm thick block walling bedded and jointed in cement and sand mortar 1:3 and reinforced with hoop iron at every alternate course	62	SM		
	<u>Vibrated reinforced concrete 1:2:4 (class 20 (20/20mm) in:</u>				
G	Ringbeams	3	CM		
	<u>High yield square twisted steel reinforcement bars to BS 4461 including for cutting, bending to shape, tying, hooking and spacer blocks as described in:</u>				
H	8mm diameter ditto	93	KG		
I	12mm diameter ditto	167	KG		
	<u>Sawn formwork to :</u>				
J	Sides of ringbeam	28	SM		
	<u>Mild Steel Posts</u>				
K	Supply and fix 60mm diameter x 2.5mm thick mild steel CHS post, 3000mm high plugged into concrete slab with U-shaped top to receive roofing timber joist	4	NO		
	Total for demolisisions and alterations carried to Summary				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>ELEMENNT NO. 02</u>				
	<u>ROOFING</u>				
A	Carefully remove the Existing roof cover comprising of corrugated iron sheets, roof timbers, and store the good timber, for re-use as directed by the Project Manager.	165	SM		
B	Allow for anti-termite treatment, by spraying to all infested wallsurfaces, at roof area, and floors	100	SM		
	<u>Roof Structure</u>				
	<u>The following in Triangular Trusses (Different design and span) comprising of Celcured prime grade II cypress or other approved soft wood @ 3200mm above floor slab.</u>				
C	100 x 50mm cypress timber Rafters	100	LM		
D	Ditto but king post	20	LM		
E	Ditto but wall plate	32	LM		
F	Ditto, but ties and struts	128	LM		
G	75 x 50mm ditto to Purlins	164	LM		
H	220 x 25mm Fascia/berge board	53	LM		
	<u>Roof Covering.</u>				
I	30Gauge prepainted box profile roofing sheets of approved colour (green/tile red) nailed to timber purlins (m/s) all to approval.	164	SM		
J	Ditto but Ridge caps to match	17	LM		
	<u>Prepare and apply three coats plastic silk emulsion paint to:</u>				
K	Surfaces of timber, 200-300mm girth	53	LM		
	<i>Total for roof and Rain water Havesting carried to Summary</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.4</u>				
	<u>DOORS</u>				
A	Carefully remove the existing timber door frames infested by termites, and the timber doors and store as directed and including making good the disturbed wall surfaces.	2	NO		
	<u>Mild steel Door</u>				
B	45mm thick mild steel door size 1500 x 2400mm high comprising 45x45x2mm RHS framework infilled with 2mm thick plate complete with 100x50mm mild steel angle frame complete with steel hinges and fixing accessories	2	NO		
	<u>Glazing</u>				
C	4mm thick clear glass in panes between 0.5-1.0sm	1	SM		
	<u>Prepare and apply three matt enamel paint to:</u>				
D	General surfaces of metal doors (both sides)	15	SM		
	<i>Total for Doors carried to summary</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.5</u>				
	<u>WINDOWS</u>				
A	Allow for careful removal of the existing windows and re-fabrication to enlarge them to 2000mmx1500mm high and make both leafs openable, including cutting of the walls and re-fixing and making good the disturbed surfaces.	3	NO		
B	Fabricate, supply and fix steel Window overall size 2400mm wide x 1500mm high fixed to detail.	3	NO		
	<u>Glazing</u>				
C	4mm thick clear glass fixed with first grade putty to steel window frames.	11	SM		
	<u>Prepare and apply three coats Gloss paint to:</u>				
D	General surfaces of Windows (both sides)	11	SM		
	<i>Total for Windows carried to summary</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>FINISHES</u>				
	<u>Floor finishes.</u>				
A.	Hack out the existing floor screed finish and dipose all the arisings away from the site as directed.	72	SM		
B	100mm thick mass concrete floor slab	72	SM		
	<u>Cement and sand Backing.</u>				
C	25mm thick cement and sand screed mixed with red oxide and finished smooth	126	SM		
D	Ditto access ramps and stair cases	10	SM		
	<u>Wall finishes.</u>				
	<u>External and Internal</u>				
E	Carefully Wire brush existing peeling paint to plastered wall surfaces both internally and externally.	292	SM		
	<u>Cement sand plaster to walls surfaces (1:3) finished as described</u>				
F	15mm thick cement and sand nil plaster to walls to receive paint internally	208	SM		
G	Ditto but render to sides of beams, jambs and gable wall to receive paint externally	84	SM		
	<u>Painting</u>				
	<u>Prepare and apply three Plastic Silk Emulsion paint to:</u>				
H	Walls Extenally	84	SM		
I	Ditto walls Internally	208	SM		
	<i>Total for Finishes carried to summary</i>				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.9</u>				
	<u>ELECTRICAL CONDUIT WORKS</u>				
A	Supply and install concealed 20mm diameter Heavy Gauge PVC conduits fixed straight to wall	56	LM		
B	Supply and install double switch box complete with cover	3	NO		
C	Supply and install double socket box complete with cover	12	NO		
D	Supply and install heavy duty meter box	1	NO		
E	Supply and install 4-way consumer unit	1	NO		
F	Allow for builder's work in connection with electrical conduit works (Chasing of wall, pointing, etc)		ITEM		
	TOTAL FOR ELECTRICAL CONDUIT WORKS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<p style="text-align: center;"><u>SUMMARY.</u></p> <p><u>RENOVATIONS TO ENGINEERING BLOCK</u></p> <p>A DEMOLISIONS AND ALTERATIONS</p> <p>B ROOFING</p> <p>C DOORS</p> <p>D WINDOWS</p> <p>E FINISHES</p> <p>G ELECTRICAL WORKS</p>				
	TOTAL FOR ENGEERING BLOCK CARRIED TO GRAND SUMMARY				

PROPOSED STORM WATER DRAINAGE SYSTEM AT KIBWEZI LEVEL 4
HOSPITAL {KIBWEZI SUBCOUNTY HOSPITAL}

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.1</u>				
	<u>DRAINAGE AND PROTECTION WORKS</u>				
	<u>All Provisional</u>				
	<u>MAIN DRAINAGE</u>				
A	Excavate for storm water drains average depth 300mm deep including trimming sides to a slope	25	CM		
B	Ditto but not exceeding 1000mm deep ditto	85	CM		
C	Extra over excavation in rock of class II	22	CM		
D	Compact the drain base and sides	107	SM		
	<u>Mass concrete class 15 (1:3:6) in:</u>				
E	50mm thick surface blinding to bottom of excavated drainage	107	SM		
	<u>Reinforcement</u>				
F	Mesh fabric reinforcement A98 to B.S 4483 (measured nett-allow for laps)	405	SM		
	<u>Sawn Formwork to</u>				
G	Soffits of access slabs	10	LM		
	<u>Insitu Reinforced Concrete class 20/20, vibrated and reinforced as described in :-</u>				
H	100mm thick Bottom Invert slabs of the drainage	10	CM		
I	100mm thick access slabs	5	CM		
	<u>High yield square twisted steel reinforcement bars to BS 4461 including for cutting, bending to shape, tying, hooking and spacer blocks as described in:</u>				
J	10mm diameter ditto	93	KG		
	<u>Walling</u>				
K	150mm thick block walling bedded and jointed in cement and sand mortar 1:1:3 and reinforced with hoop iron at every alternate course Including plaster finish.	80	SM		
	<u>Drainage setting out works.</u>				
D	Provide a Provisional Sum of Kenya Shillings Twenty Thousand for Surveying and Levelling works to be undertaken by public works team on site alignment and levels including high of survey equipments.		SUM		
	TOTAL FOR STORM WATER DRAINAGE SYSTEM CARRIED TO GRAND SUMMARY				

ITEM	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.5</u>				
	<u>PROVISIONAL SUMS</u>				
	<u>Branding, Publicity and Signwriting</u>				
	<i>Provide a Provisional Sum for Branding, Publicity and Signwriting to approved font size. To include Project name, year, Name of department, Financial Year and County Logo for the following building blocks;</i>				
A	Provide a Provisional Sum of Kenya Shillings Ten Thousand for Branding, Publicity and Signwriting to REHABILITATION AND DENTAL UNIT BLOCK		SUM		
B	Provide a Provisional Sum of Kenya Shillings Ten Thousand for Branding, Publicity and Signwriting to MEDICAL ENGINEERING BLOCK		SUM		
B	Provide a Provisional Sum of Kenya Shillings Two Hundred Thousand for Technical Supervision		SUM		
C	Provide a Provisional Sum of Kenya Shillings One Thousand for Contingency Sums to be deducted in whole or in part at the discretion of the Project Manager		SUM		
	PROVISIONAL SUMS CARRIED TO SUMMARY				

ITEM	SECTION DETAILS				AMOUNT
	<u>GRAND SUMMARY</u>				
A	PRELIMINARIES (Mobilization, Water, Security, Sanitation, Etc)				
B	TOTAL FOR REHABILITATION BLOCK				
C	TOTAL FOR ENGEERING BLOCK				
D	TOTAL FOR STORM WATER DRAINAGE SYSTEM				
	Sub-Total 1				
E	Add Public Procurement Capacity Building Levy order 2023 which is 0.03% of the total cost before tax (Pursuant to PPRA Circular No. 1 of 2024.				
	Sub-Total 2				
	ADD 16% VAT				
	Sub-Total 3				
F	PROVISIONAL SUMS				
	TOTAL AMOUNT CARRIED TO FORM OF TENDER				

AMOUNT IN WORDS:

CONTRACTOR'S SIGNATURE & OFFICIAL RUBBER STAMP

DATE: _____