REPUBLIC OF KENYA

COUNTY GOVERNMENT OF NYANDARUA

DEPARTMENT OF TRANSPORT, ENERGY & PUBLIC WORKS

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

FOR

THE DEPARTMENT OF HEALTH.

BILLS OF QUANTITIES

ARCHITECT,
COUNTY ARCHITECT,
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

QUANTITY SURVEYOR,
COUNTY QUANTITY SURVEYOR,
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

ELEC/MECH ENGINEER
COUNTY ELEC / MECH. ENGINEER,
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

STRUCTURAL ENGINEER,
COUNTY ENGINEER - STRUCTURAL
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

AUGUST 2026.

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	ELEMENT 01				
	DEMOLITIONS AND ALTERATIONS.				
A	Carefully remove existing paving slabs make good disturbed surfaces and cart away arising debris(38 SM).	ITEM	1		
B	Carefully demolish existing 200mm thick natural stone walling to make an opening,make good the surface and cart away the debris as directed.(3 SM)	ITEM	1		
	Element 01				
	Total for Demolitions and Alterations carried to summary.			**KSHS**	

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	ELEMENT NO. 02 - SUBSTRUCTURES				
	Insitu finishings				
A	14mm thick 2 No. coat work cement sand (1:3) render; wood floated to concrete or blockwork base to walls; external	SM	31		
	Prepare and apply three coats black bituminous paint on:-				
B	Rendered plinths, externally.	SM	31		
	Precast paving slab.				
C	Precast paving slab, class 20(20mm) including all necessary formwork, fair finished on exposed surfaces, jointing and pointing in cement sand (1:4) mortar.				
D	600x600x50mm Precast concrete class 20/20 paving slabs, laid to falls on blinded Hardcore surface and jointed in cement sand (1:3) mortar.	SM	38		
	Element 02				
	TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY			**KSHS**	

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	ELEMENT NO. 03 - WALLING				
	Precast concrete grade 20(20mm aggregate) including formwork, finishing fair on all exposed surfaces and hoisting and placing in position, bedding, jointing and pointing in cement and sand (1:4) mortar				
A	WINDOW CILL; 225 x 50 mm extreme height; once weathered; once throated; reinforced as necessary for handling; surface fair finish 275 mm girth; bedding, jointing and pointing in cement sand (1:3) mortar	LM	18		
B	Extra over horizontal keying in 10mm thick rod in cement and sand (1:3) mortar; one coat of bituminous paint.	SM	147		
	NATURAL STONE WALLING				
C	200mm thick approved local; chisel dressed both sides; bedding, jointing and pointing in cement sand (1:3) mortar	SM	3		
	Element 03				
	TOTAL FOR WALLING CARRIED TO SUMMARY			**KSHS**	

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	ELEMENT NO. 04 - ROOFING				
	Galvanized corrugated box profile IT5 roofing; 28 gauge; Pre-painted				
A	Roof covering not exceeding 45^0 from horizontal; fixing to timber structure (m/s) with roofing nails and neoprene washers.	SM	7		
	CARPENTRY				
	The following in wrot cypress				
B	200 x 25mm thick facsia/barge boards	LM	72		
C	25x100mm Tongue and Grooved boarding secret nailed to and inccluding 50x50mm celcured wrot cypress bearers on brandering at 600mm centres.	SM	45		
	RAIN WATER DISPOSAL.				
	23 Galvanized mild steel sheeting: all welds ground.				
D	150x200mm box gutter including soldered joints in the running length fixed to fascia board with and including brackets at approved centres.	LM	54		
E	Extra, for 90 degrees corners.	NO	4		
F	Extra ends.	NO	2		
G	Exra; 100mm dia outlet 100mm long.	NO	6		
H	100mm dia UPVC rainwater down pipe fixed with and including mild steel straps at 900mm centres, pluggged and screwed to wall.	LM	18		
I	Extra; swanneck bend with 1135mm projection	NO	6		
J	Extra; horse shoe bend.	NO	6		
	Element 04				
	Total for Roofing (All Provisional) Carried Forward			**Kshs.**	

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought Forward			**Kshs.**	
	Paintwork and decoration.				
	Prepare and apply one zinc plumbate and 3 coats of CROWN SOLO or any other equal and approved supergloss oil paint to;				
A	Fascia 200 to 300mm girth, external.	LM	72		
	on metal work.				
B	General surface of gutters; over 300mm girth external.	SM	27		
C	Small pipes.	LM	6		
	Tongue and Groove timber surfaces.				
	Prepare and apply three coats of ÇROWN SOLO"or any other equal and approved polyurethane varnish to;				
D	Surface of eaves; over 300mm girth external.	SM	45		
	Element 04				
	TOTAL FOR ROOFING CARRIED TO SUMMARY			**KSHS**	

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	ELEMENT NO. 05 - OPENINGS				
	DOORS				
	Wrot Hardwood framed frames and framings.				
A	150 x 50 mm; 2 No. labours; plugged door frame	LM	75		
B	40 x 35 mm weathered architrave	LM	64		
C	x25x25mm rounded quardrant	LM	64		
	45mm Thick solid core flush doors to B.S 459: part 2 veneered both sides,decorated and one side laminated with first quality plywood and lipped on all edges in approved hardwood.				
D	Single swing door average hight 900x2100 high.	N0	10		
E	Ditto, double swing door 1300x2100mm high.	NO	1		
	Steel casement Doors.				
	Mild steel panel doors; 100x50x3mm thick rebated frame plugged to concrete or block work with 100mm long fishtailed 25x25x2mm thick angle section, 50x50x3mm angle sectio frames at 300mm centres both sides, angles cut, mitred and welded; panels infilled with 4mm thick cranked metal panels or glazing(m/s), one coat manufaturers primer, complete with all necessary ironmongery; all welding ground to smooth finish.				
F	Single door, 1200x2400mm high, including 3 pairs 150mm long purpose made hinges, 4No purpose made bolts and D-Handle; all welded.	NO	1		
	Iron mongery Supply and fix the following to UNION catalogue or other equal and approved				
	To softwood, hardwood or the like fixing with screws.				
G	100mm steel butt hinges	PRS	9		
H	2 lever satin chrome lockcase 57mm centres with Phoenix aluminium handle on plate.	N0	6		
I	3 lever satin chrome lockcase 57mm centres with Phoenix aluminium handle on plate.	NO	6		
	Element 05				
	Total for openings carried forward.				

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought forward.				
A	Hydraulic overhead door closer.	NO	3		
	To concrete or blockwork; fixing with bolts; plugging				
B	Rubber door stop; oval satin anodised aliminium- floor mounted.	N0	6		
	Glazing				
C	4mm Thick clear sheet glass panes; fixing with premium putty	SM	2		
	Painting and Decorations On wood.				
	Aluminium primer or other equal and approved wood primer before fixing: -				
D	Backs of frame, board, etc over 100mm but not exceeding 200mm girth	LM	75		
E	Backs of frame, board, etc not exceeding 100mm girth.	LM	128		
	Knot, prime and stop and prepare and apply one undercoat and three coats of gloss oil paint to woodwork internally				
F	General surfaces of timber doors over 300mm girth;	SM	23		
G	Frames; over 100mm but not exceeding 200mm girth;	LM	75		
H	Frames not exceeding 100mm girth;	LM	128		
	Element 05				
	Ttotal for Openings Carried Forward.			**Kshs.**	

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought forward.			Kshs.	
	WINDOWS				
	Wrot cypress				
A	150x25mm thick window boards including bull-nosed edges and 25x25mm bearer, plugged, counter sinking and flush pelleting.	LM	19		
B	15x15mm quadrant bead.	LM	19		
	Curtain rods.				
C	Supply and fix 30mm diameter x 15mm thick aluminium alloy hollow sections curtain rods complete with decorative aend caps, runners and fixing accessories. To match.	LM	22		
	Metal works.				
	PURPOSE MADE UNITS.				
	Supply, assemble and fix the following purpose-made mild steel casement windows; standard metal section from approved manufacturer complete with frames, transomes, mullions and with and including permanent ventilators comprising "T" bar, gauze and 16 gauge sheet metal hood 50mm high x 50mm projection to full width of window, coupling mullions, approved ironmongery and one coat manufacturer's primer; all welding ground to smooth finish.				
	pinning to concrete or blockwork, fixing to head and sill with screws; plugging				
D	Window, overall size 2400 x 1000mm high.	N0	7		
E	Window, overall size 700 x 1000mm high.	N0	2		
	Glazing				
F	4mm Thick clear sheet glass panes; fixing with premium putty	SM	1		
	Painting and decoration.				
	On metal work.				
	Prepare and apply one coat etching primer; one undercoat ant two coats gloss oil paint to Crown Solo or other equal and approved to: -				
G	General surfaces of metal casement windows; over 300mm girth.	SM	21		
	Element 05				
	TOTAL FOR OPENINGS CARRIED TO SUMMARY			**KSHS**	

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	ELEMENT NO. 06 - FINISHES				
	Wall finishes				
	Insitu finishes				
	Render; 18mm thick, 1 No. coat work of cement and sand (1:3); wood floated to concrete or blockwork base generally to: -				
A	Beams and Columns; External	SM	24		
B	Existing gable walls; External	SM	6		
	Plaster; 18mm thick, 2 No. coat work, 15mm first coat of cement sand (1:3); 3mm second coat of cement and lime putty (1:9); steel trowelled to concrete or blockwork base				
C	Walls, Beams and columns; internal	SM	358		
	Floor finishes				
	Tiles, Slab or Block Finishings				
	Approvedceramic tiles to B.S. 1281.; Local, white glazed wall tiles to regular or approved other patterns; bedding and ointingin cement sand (1:4) mortar, grouting with white.				
D	6mm thicck, but joints straight both ways; to cement sand base (m/s) to walls internal.	SM	12		
E	Plastic edging	LM	7		
	Beds and backings.				
	Render cement and sand (1:3)				
F	14mm thick one coat backings; wood floated to receive ceramic tiles (m/s) to concrete or blockwork base; to walls internal.	SM	12		
	Element o6				
	Total for Finishes carrieed forward.			KSH.	

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought forward.			KSH.	
	Painting and Decorations				
	Prepare and apply one undercoat and three coats of first quality emulsion paint to the following surfaces				
A	Plastered surfaces	SM	358		
B	Renderes surfaces	SM	30		
	Insitu Finishings				
	Screed; cement and sand (1:3) coloured				
C	40mm thick red-oxide screed to concrete or blockwork base generally to floors level; internal	SM	212		
D	100mm wide skirting; rounded junction with wall finish, coved junction with floor finish.	LM	95		
	Ceiling finishes				
	Wrot cypress				
E	75 x 25mm moulded cornice	LM	95		
	Approved sawn softwood; second grade; pressure impregnated.				
F	50 x 50mm brandering	LM	497		
G	75x 50mm ditto; plugged	LM	95		
	Chip board				
H	13mm thick plain chip-board ceiling boards nailed to timber brandering (m/s); nails punched and puttied	SM	212		
	Painting and Decorations				
	Prepare and apply one undercoat and three coats of first quality emulsion paint to the following surfaces				
I	Chip-board ceiling boards	SM	212		
J	Moulded cornice not exceeding 100mm girth	LM	95		
	Element 06				
	TOTAL FOR FINISHES CARRIED TO GRAND SUMMARY.			**Kshs.**	

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	SUMMARY				
Item	**Element**			**Page. No**	**Amount**
01	Demolitions & Alterations.			BW/1	
02	Substructures (All Provisional)			BW / 2	
03	Walling			BW / 3	
04	Roofing Construction and Covering			BW / 5	
05	Openings			BW / 8	
06	Finishes			BW / 10	
	TOTAL FOR BUILDER'S WORKS CARRIED TO GRAND SUMMARY				

2NO SOAK PIT

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	ELEMENT NO. 01 - SUBSTRUCTURES				
	Site clearance				
A	Clear the site off bushes, grass, shrubs and all vegetation; cart away as directed.	SM	10		
	Excavation				
	Excavation for pit starting from ground level including maintaining and supporting sides and keeping free from water, mud and fallen materials				
B	Not exceeding 1.5 metre deep.	CM	10		
C	Over 1.5 but not exceeding 3.0 metre deep.	CM	10		
D	Over 3.0 but not exceeding 4.5 metre deep.	CM	10		
E	Over 4.5 but not exceeding 6.0 metre deep.	CM	10		
F	Extra over all excavations irrespecctive of depth for breaking up the rock.	CM	4		
G	Return fill and rum selected excavated material.	CM	4		
H	Remove and cart away from site surplus excavated materials as directed.	CM	40		
I	Disposal of water. Allow Keeping excavaation free from all water including running water.	Item	1		
J	Planking and strutting. Allow support of all excavations.	Item	1		
	Element 01				
	Carried Forward				

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought Forward.				
	Filling				
A	Hand packed Hardcore filling in layers of 150mm maximum thickness in the pit.	CM	36		
	Walling.				
B	150 mm thick local natural stone walling ,bedded and jointed in 1:3 c/s mortar	SM	76		
	Concrete.				
C	50mm thick mass concrete class Q (1:3:6) to bottoms of the pit.	SM	6		
	Insitu concrete, reinforced: lass 20/20mm . Vibrated.				
D	150mm thick suspended cover slab complete with 12mm diameter mild steel bars at 150mm centres both ways.	CM	2		
	Sawn formwork to insitu concrete as described.				
E	To soffit of cover slab.	SM	6		
F	To edged of cover slab 75mm-150mm high.	LM	14		
G	Boxing to form rebated openings for access coers and frames size 650 x 450mm.	NO	2		
H	Labours ,form or leave hole through 150mm thick masonry wall for 100 mm diameter pipe.	NO	2		
	Bars; high yield steel; cold worked to B.S. 4461 including bends, hooks, tying wire and distance blocks				
I	D10	KG	100		
	Element 01				
	Carried Forward				

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought Forward.				
	Rolled plates, bars, sections and tubes: mild steel steel K.S 02-18.				
A	Frames; 50x50x3 mm angle.	LM	4		
	Access cover and frame B.S 497 coated in mild steel.				
B	650X450mm heavy duty cast iron cover,bending frame in ement mortar (1:4) bedding covers in grease and sand.	NO	2		
	Water proof render,cement and sand (1:3) steel trowelled.				
C	12mm water proof cement and sand (1:3) rendering to walls and suspended slab of soak pit.	SM	80		
	Element 01				
	Total for substructure carried to Summary			**KSHS**	

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	SUMMARY				
Item	**Element**			**Page. No**	**Amount**
01	Substructures (All Provisional)			SP/ 15	
	TOTAL FOR SOAK PIT CARRIED TO GRAND SUMMARY				

SEPTIC TANK.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	The following in 1NO Septic Tank -50 Persons capacity.				
	ELEMENT NO. 01 - SUBSTRUCTURES				
	Site clearance				
A	Clear the site off bushes, grass, shrubs and all vegetation; cart away as directed.	SM	43		
	Excavation				
	Excavation for pit starting from ground level including maintaining and supporting sides and keeping free from water, mud and fallen materials				
B	Not exceeding 1.5 metre deep.	CM	43		
C	Over 1.5 but not exceeding 3.0 metre deep.	CM	39		
D	Extra over all excavations irrespecctive of depth for breaking up the rock.	CM	10		
E	Return fill and rum selected excavated material.	CM	29		
F	Remove and cart away from site surplus excavated materials as directed.	CM	53		
G	Disposal of water. Allow Keeping excavaation free from all water including running water.	Item	1		
H	Planking and strutting. Allow support of all excavations.	Item	1		
	Element 01				
	Carried Forward				

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought Forward.				
	Walling.				
A	200 mm thick local natural stone walling ,bedded and jointed in 1:3 c/s mortar	SM	25		
	Concrete.				
B	50mm thick mass concrete class Q (1:4:8) to bottoms of the pit.	SM	12		
	Insitu concrete, reinforced: lass 20/20mm . Vibrated.				
C	150mm thick suspended cover slab.	CM	14		
D	100mm thick walls.	SM	6		
E	150mm thick mass concrete class 1:3:6 base slab.	SM	14		
	Square twists high tensile bar reinforcement as to B.S 4461 and K.S 02-22:1976.				
F	10mm Diameter bars.	KG	340		
	Sawn formwork to insitu concrete as described.				
G	To soffit of cover slab horizontal.	SM	14		
H	To sides; vertical or battering of walls.	SM	12		
I	To edges of suspended cover slab slab 75mm-150mm high.	SM	19		
J	To edged of Base slab 75mm-150mm high.	LM	22		
K	Boxing to form rebated openings for access coers and frames size 650 x 450mm.	NO	4		
L	Labours ,form or leave hole through 150mm thick masonry wall for 100 mm diameter pipe.	NO	4		
	Carried Forward				

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought Forward.				
	Rolled plates, bars, sections and tubes: mild steel steel K.S 02-18.				
A	Frames; 50x50x3 mm angle.	LM	9		
	Access cover and frame B.S 497 coated in mild steel.				
B	650X450mm heavy duty cast iron cover,bending frame in ement mortar (1:4) bedding covers in grease and sand.	NO	4		
	Water proof render,cement and sand (1:3) steel trowelled.				
C	12mm water proof cement and sand (1:3) rendering to walls and suspended slab of soak pit.	SM	81		
	Element 01				
	Total for substructure carried to Summary			**KSHS**	

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	SUMMARY				
Item	**Element**			**Page. No**	**Amount**
01	Substructures (All Provisional)			SP/ 20	
	TOTAL FOR SEPTIC TANK CARRIED TO GRAND SUMMARY				

MANHOLES.

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	THE FOLLOWING IN 3NO MANHOLES.				
	ELEMENT NO. 01 - SUBSTRUCTURES				
	Site clearance				
A	Clear the site off bushes, grass, shrubs and all vegetation; cart away as directed.	SM	3		
	Excavation				
	Excavation for pit starting from ground level including maintaining and supporting sides and keeping free from water, mud and fallen materials				
B	Excavate to form manhole not exceeding 1.5 metre deep.	CM	8		
C	Return fill and rum selected excavated material.	CM	3		
D	Remove and cart away from site surplus excavated materials as directed.	CM	6		
E	Concrete (1:3:6) benching 175mm high to bottom of manhole size 600x600mm internally finished to falls including forming half round main branch channels to any sections or curve and finished with waterproofed cement and sand (1:2) mm thick trowelled smooth.	NO	4		
F	150mm thick reinforced concrete class 1:2:4 (20mm aggregate) suspended cover slab.	SM	4		
G	150mm mass concrete class 1:3:6 manhole base.	SM	4		
	Element 01				
	Carried Forward				

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought Forward.				
	Square twists high tensile bar reinforcement as to B.S 4461 and K.S 02-22:1976.				
A	10mm diameter high tensile square twisted steel bar reinforcement to B.S 4461 and K.S 02-22:1976.	KG	50		
	Sawn formwork				
B	Soffit of suspended cover slab	SM	4		
C	Edges of cover slab 75-150mm high.	SM	10		
D	Edges of base slab 75-150mm high.	SM	10		
E	Temporary boxing to form rebated opening size 600x450mm in 150mm suspended slab.	NO	3		
	Walling.				
F	150 mm thick local natural stone walling ,bedded and jointed in 1:3 c/s mortar	SM	12		
G	Build in end of 100mm pipe to 150mm walling and make good.	NO	6		
H	100mm Waterproof cement and sand (1:4) rendering with 5% 'Pudlo'or other equal and approved to sides of manhole steel trowelled hard and smooth.	SM	11		
I	Galvanised cast iron step iron to B.S 1247 type 2a built into blockwork side of manhole and make good.	NO	11		
J	Coated cast iron medium duty manhole cover and frame size 600x450mm to B.S 497 and bed frame in cement and sand (1:3) and seal cover in grease and sand.	NO	3		
	Element 01				
	Carried Forward				

	SUMMARY				
Item	**Element**			**Page. No**	**Amount**
01	Substructures (All Provisional)			SP/ 24	
	TOTAL FOR MANHOLES CARRIED TO GRAND SUMMARY				

PRIME COST & PROVISIONAL SUMS

	PRIME COST SUMS				
	Prime cost sums for works to be executed by nominated subcontractors..				
A	Allow a prime cost of Kenyan Shillings two hundred and fifty thousand(Kshs.250,000) only for electrical installation, conduit works and lighting arrestors systems.	ITEM	1		250,000.00
B	Allow a prime cost of kenyan shillings Two hundred thousand (Kshs. 200,000) only for mechanical works.	ITEM	1		200,000.00
	PROVISIONAL SUMS				
	The following provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required				
C	Allow for all contract management expenses covering the project managers supervisory responsibilities administration of the contract,evaluation of works progress, preparation and submission of reports, site inspection, and all other professional obligations neccessary to ensure, effective supervision and successful completion of the project.	Item	1		100,000.00
D	Allow for all community led projects management committees expenses covering supervisory, responsibilities ensure effective supervision and successful completion of the project.	Item	1		33,000.00
E	Allow a provisional sum for branding the block with name and direction.	ITEM	1		50,000.00
	PROVISIONAL SUMS CARRIED TO SUMMARY			**KSHS**	

GRAND SUMMARY

PROPOSED COMPLETION OF HUHOINI DISPENSARY AT GATHANJI WARD.

GRAND SUMMARY

ITEM	DESCRIPTION	Page No.	FOR OFFICIAL USE ONLY	FOR TENDERER USE ONLY
			KSHS.	**KSHS.**
A	Builder's Works	BW / 11		
B	Soak pit	SP/16		
C	Septic Tank	ST/21		
D	Manholes	MH/25		
E	Prime costs & Provisions	PS/27		
	SUB-TOTAL			
	ADD 1% PROJECT MANAGEMENT PAYABLE TO COUNTY REVENUE ACCOUNT			
	ADD 0.03% FOR PPRA CAPACITY BUILDING LEVY.			
	TOTAL CARRIED TO FORM OF TENDER INCLUSIVE OF 16% V.A.T.			

Amount in words. Kenya shillings .....

.....

.....**Cents** .....

Tenderer's Signature and stamp.....

Address .....

.....

Date .....

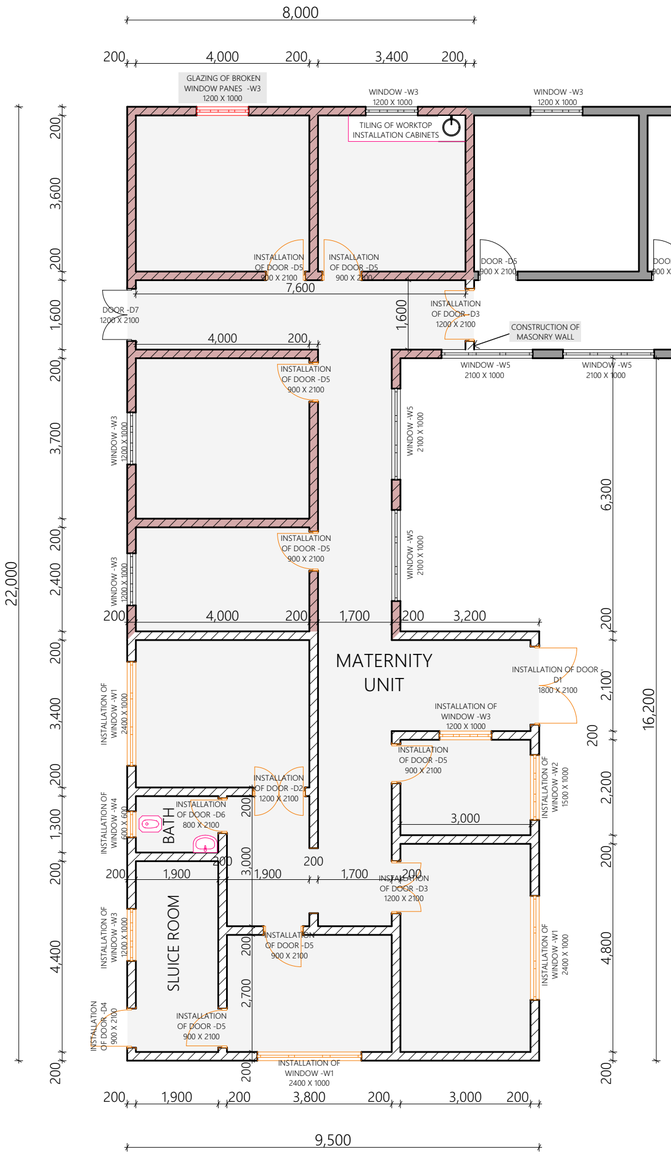
Witness Signature .....

Address .....

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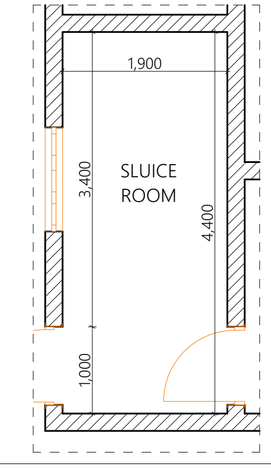
Date .....

MATERNITY UNIT FLOOR PLAN



ADDITTIONAL DETAILS ON SCOPE OF WORK TO BE DONE
THE HEADROOM IS 3400MM
FLOOR FINISH TO BE INSTALLED
WALL TO BE PAINTED
WALL TO BE PLASTERED AND PAINTED INTERNALY AND EXTARNAL KEYING AND RENDERING.
CEILING BOARDS TO BE INSTALLED AND PAINTED , THE TIMBER BRANDERING HAS ALREADY BEENCOMPLETED
200 BY 25 MM FASCIA BOARD TO BE INSTALLED AND PAINTED
RAINWATER GOODS TO BE INSTALLED
WEATHER BOARD FOR THE ROOF TO BE INSTALLED
PAVEMENT SSLAB TO BE CONSTRUCTED AROUND THE MATERNITY UNIT.
MECHANICAL AND ELECTRICAL WORKS TO BE COMPLETED
PERMANENT VENTLIATION BLOCK TO BE INSTALLED ABOVE ALL OPENINGS TO BE INSTALLED

SLUICE ROOM



DOORS AND WINDOW INSTALLATION SCHEDULE

MARK	QUANTITY	W X H SIZE	SILL HEIGHT	DESCRIPTION
D1	1	1800 X 2100		Double leaf steel door
D2	1	1200 X 2100		Double acting, double leaf semi-solid flush door
D3	2	1200 X 2100		Double leaf semi-solid flush door
D4	1	900 X 2100		Single leaf steel door
D5	6	900 X 2100		Single leaf semi-solid flush door
D6	1	800 X 2100		Single leaf semi-solid flush door
W1	2	1800 X 1800	900	Steel casement window
W2	4	1500 X 1800	900	Steel casement window
W3	3	1200 X 1800	900	Steel casement window
W4	1	1200 X 1800	900	Steel casement window

NOTES

1. All dimensions are in milimetres unless specified otherwise .
2. All dimensions are to be read and not scaled/measured.
3. All masonry walls are to be reinforced with hoop iron at every alternate course .
4. All works to be executed in accordance with the local authority by -laws and relevant building codes and regulations
5. D.P.C. to be provided for all ground floor masonry walling
6. Provide permanent vents to all opennings
7. Any discrepancy to be reported to the designer .
8. Foundation depths to be determined on site
9. All works to executed under supervison of a qualified resident engineer or architect .
10. Structural concrete to be class 25 (1:1.5:3) unless specified otherwise .
11. minimum covers to be
    - -stair , slabs and wall =20mm
    - -beams main bars =30mm
    - -columns main bars =40mm
    - -foundation =50mm
12. All tensile steel (Y) AND mild steel (R) to be in accordance with BS 4449 and fabric mesh to be in accordance with BS 4483.
13. Minimum laps to be 55 times the diameter unless otherwise stated .
14. Nominal aggregate size to be 20mm
15. Indmenity the designer will not be liable for poor workmanship ,poor methods of construction, poor quality materials by the contractor .

	REVISION	DATE	REMARKS
1.			
2.			
3.			
4.			

PROJECT :

PROPOSED CONSTRUCTION AND RENOVATION OF HUHOINI DISPENSARY MATERNITY UNIT

CLIENT:

DEPARTMENT OF HEALTH SERVICES, NYANDARUA COUNTY

DRAWN BY : GITAHI BRIAN

CHECKED BY :

DRAWING TITLE : PLANS & DETAILS

DEPARTMENT OF ROADS, TRANSPORT, ENERGY AND PUBLIC WORKS
COUNNTY WORKS OFFICE
NYANDARUA COUNTY