

## NAMALEMBA HEALTH UNIT INTERVENTIONS BACKGROUND TO PROPOSED PROJECTS

### Target Area and Demographics:

Namalemba Sub-county (and environs), covering the villages: Namalemba, Minani, Idinda, Nawangisa, and Namunyumya is located in Iganga District on the Jinja-Mbale Highway, Eastern Uganda. It has a total population of about 26,000, 52% of whom are women. It is a rural community, surviving mainly through subsistence agriculture. Population details are shown in the table below:

PARISH	HOUSEHOLDS	MALE	FEMALE	TOTAL
IDINDA	800	2211	2401	4612
MINANI	761	2203	2291	4494
NAMALEMBA	541	1392	1505	2897
NAWANGISA	541	1392	1506	2898
NAMUNYUMYA	2462	5419	6134	11553
<b>TOTAL</b>	<b>5105</b>	<b>12617</b>	<b>13837</b>	<b>26454</b>

### Challenge to be addressed:

The area faces several major challenges, among which the Rotary Club of Kampala North, working with the St Andrew's Church Development Committee, has identified the health care and rain-water harvesting as priorities. The main objectives are therefore:

1. Providing primary health care as well as curative and maternity services for 26,000 people
2. Providing access to portable water in quantities that can sustain human usage and enable sanitation for the planned level of operations at the Health Unit.

The community of Namalemba Parish started on the construction of the health unit about fifteen years ago. This unit, with limited facilities and two nurses, has for the last ten years addressed the health, curative, and maternity needs of this community who would otherwise have to travel at least 16 km to the nearest hospitals in Iganga or Nsinze. Even then, the majority find the public transport costs prohibitive, and would have to take a 2 - 3hr bicycle journey.

Two years ago, the community embarked on the construction of a three ward in-patient unit, supported by a Rotarian couple that originates from the area. This building, with an internal floor area of 220 square meters is now complete but requires the complete range of equipment and furnishing for a level 4 health unit. It also requires the installation of a septic tank and drainage system; ventilated-improved pit (VIP) latrines; rain-water harvesting.

The Health Unit is built near the church, providing opportunity for water harvesting from both the Health Unit and the church roofs.

**Community Participation:**

The community, through the St Andrew's Church Development Committee, has already demonstrated the ability for community mobilisation, and uses multi-pronged development approaches. The community has contributed some materials and all the manual labour for construction, demonstrating the appreciation and ownership which are critical to sustainability.

While it is church based, it supports all residents without religious discrimination. The Development Committee is indeed multi-denominational, including all the key religions (Anglican, Roman Catholic, and Moslem) as well as civic leadership in its membership. This Committee will be supported by the Rotary Club of Kampala North, working with the Rotary Club of Iganga, to become a Rotary Community Corp, at the center of management and sustainability. A Management Committee that also draws on external (to the community) experience on sustaining this kind of initiative will be established.

This Health Unit is linked to the Busoga Diocese Multi-Sectoral Development Project, through which they receive drugs at low cost and some support for staff salaries. The Unit will charge a modest user fee: this will not cover all costs but will support replenishment of drugs when needed. The Development Committee has already received one positive government inspection, for purposes of recognising it as a level 4 Health Unit. This will entitle it to a paid doctor and nurses as well as access to drugs from the Joint Medical Stores using a government subvention.

**Rotarian Participation:**

The Rotary Club of Kampala North will monitor and support the project for a period of two years. Local Rotarians will review and support the project design; establish a Rotary Community Corps; implement the project; promote the project locally through the media; communicate with the international partner; prepare progressive reports of the project manage grant funds and send the final report when the project is completed.

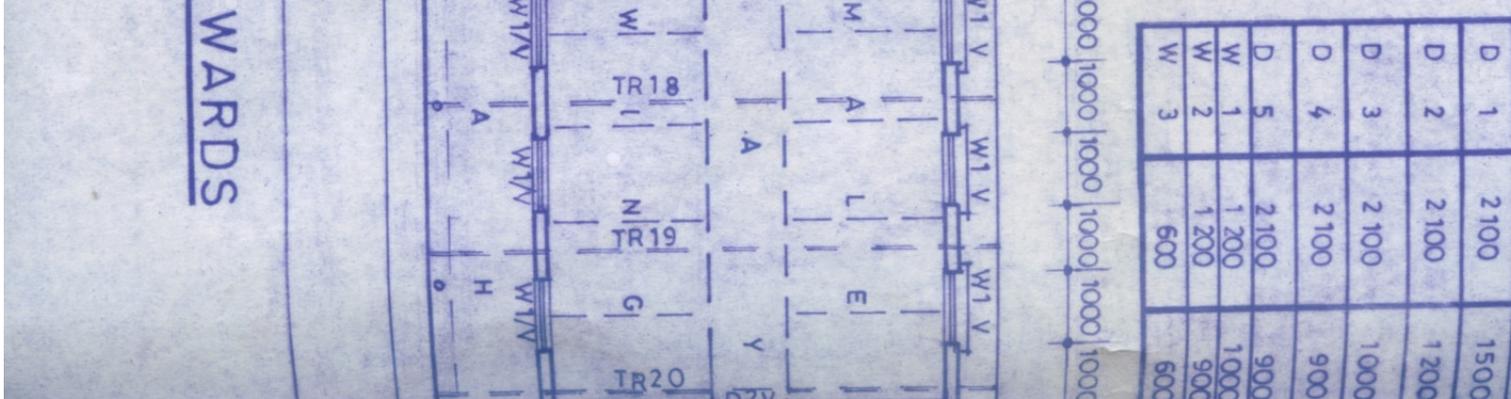
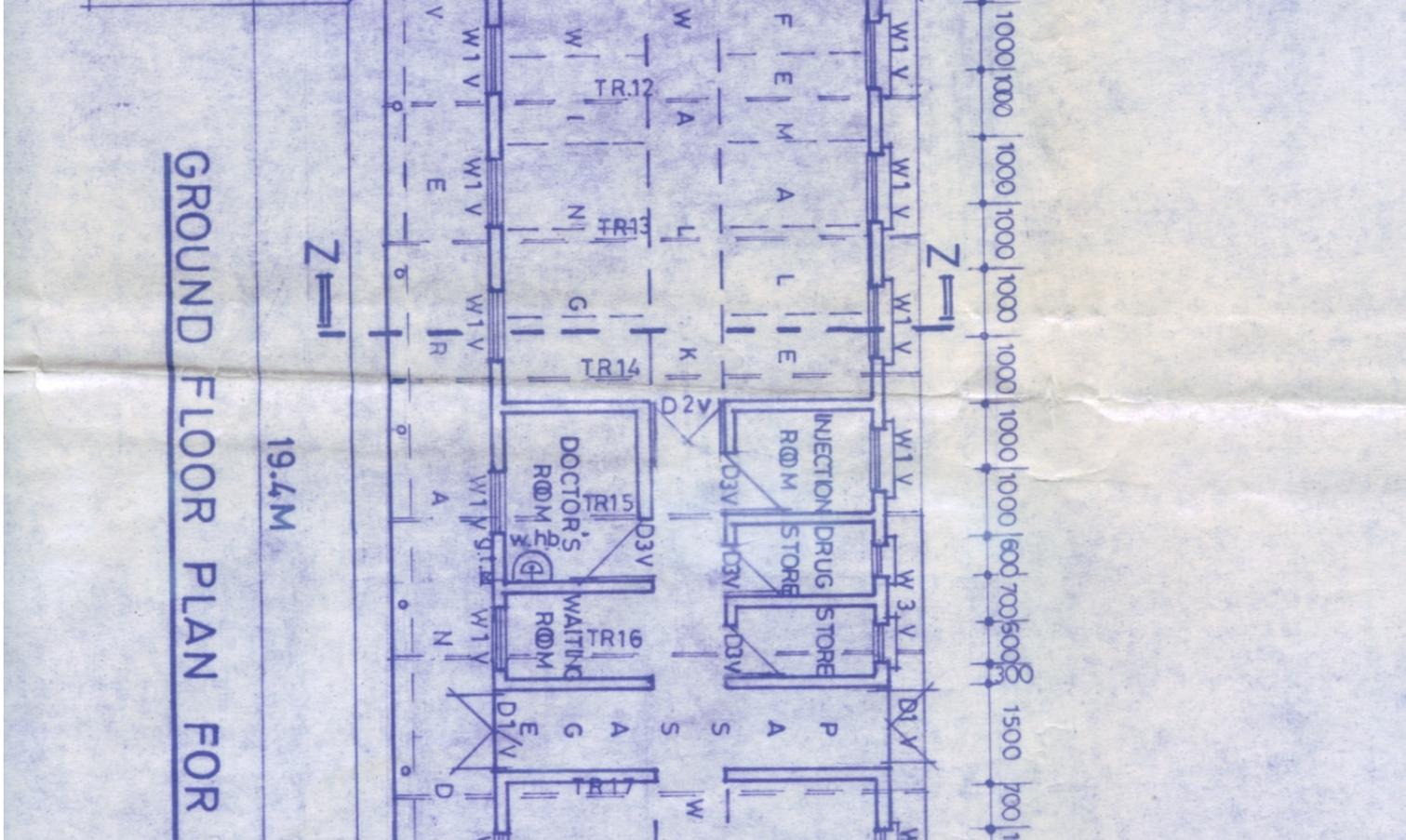
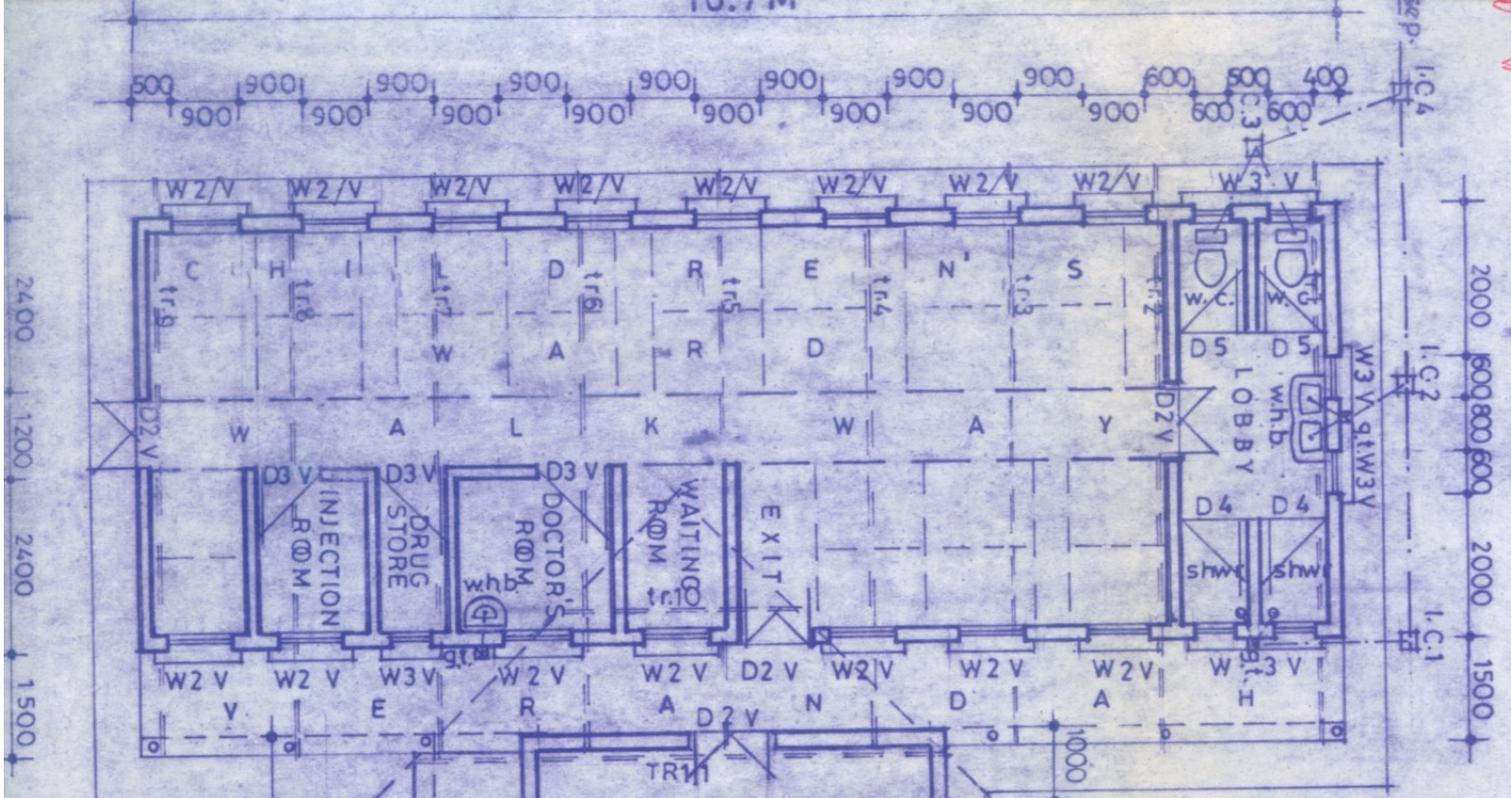
The international partner club will promote the project internationally; consolidate and ship equipment that has to be imported; communicate with the local club regularly.

The interventions will be carried out through two self-contained projects:

ITEM	PARTICULARS	COST (USD)	REMARKS
1	Hospital Equipment and Furniture	47,666	Based on Ministry Recommendations and Joint Medical Store Costs
3	Rainwater Harvesting and Sewerage System	15,418	Local procurements and local contractor labour costs

**TWO VIEWS OF THE COMPLETED WARD BUILDING**





**GROUND FLOOR PLAN FOR WARDS**

19.4M

D 1	2100	1500
D 2	2100	1200
D 3	2100	1000
D 4	2100	900
D 5	2100	900
W 1	1200	1000
W 2	1200	900
W 3	600	600

Namalemba Sub-County Health Unit Project\_Equipment and furniture

<b>MINISTRY OF HEALTH STANDARD EQUIPMENT LIST FOR HEALTH CENTER 4,</b>				
	<b>NAMALEMBA CHURCH OF UGANDA</b>			
<i>(Source: Ministry of Health; Prices from Joint Medical Stores)</i>				
<b>1.0</b>	<b>Outpatients Department (OPD)</b>			
	<b><u>O.P.D Counselling Room</u></b>			
<b>1.1</b>	<b><u>ITEM</u></b>		<b><u>QUANTITY</u></b>	<b><u>UNIT COST</u></b>
				<b><u>(USD)</u></b>
				<b><u>AMOUNT</u></b>
				<b><u>(USD)</u></b>
	1) Waste Paper Basket		1	10
	2) Wooden Chair		2	35
	3) Wooden Desk		1	80
	4) Filing Cabinet with 4 drawers		1	325
<b>1.2</b>	<b><u>O.P.D. Dispensing Room</u></b>			
	1) Waste Paper Basket		1	10
	2) Wooden Chair		1	35
	3) Cupboard Wooden Low		1	45
	4) Wooden Shelves		1	30
<b>1.3</b>	<b><u>O.P.D. Drug Store UNEPI</u></b>			
	1) Cold Box, Insulated 27 Ltr		1	300
	2) Refrigerator		1	1,000
	3) Vaccine Carrier		2	30
	4) Wooden Shelves		4	30
<b>1.4</b>	<b><u>O.P.D. Examination Room</u></b>			
	1) Eye Chart, Vision Testing Snellen alphabet/illiterate		1	25
	2) Weighing Scale, Adult		1	250
	3) Weighing Scale, baby Basin Type		1	250
	4) Weighing Scale, Toddler spring		1	90
	5) Diagnostic Equipment Set for CO		1	250
	6) Clock Wall Type		1	25
	7) Examination Couch (local wood)		2	150
	8) Patient Screen, Mobile		2	150
	9) Water Container with tap		1	70
	10) Wooden Chair		2	35
	11) Cupboard Low Wooden		1	50
	12) Wooden Desk		1	80
	13) Dustbin, Galvanised with Lid		1	15
	14) Holloware Set		1	80
	15) Wooden bench (form)		3	30
<b>1.5</b>	<b><u>O.P.D. Laboratory</u></b>			
	1) Stove, Kerosene 1.2 Litre		1	35
	2) Glassware/Plastic ware Set		1	700
	3) Manual centrifuge		1	150
	4) Haemoglobinometr, Sahli		1	20
	5) Microscope Binocular moving mechanical stage objectives 10x, 40x, 100x, ocular 10x		1	1,800
	6) Timer, Interval Mechanical, 60 min x 1 min with signal spring bound		1	25
	7) Water Container with tap		1	70

Namalemba Sub-County Health Unit Project\_Equipment and furniture

	8)	Wooden Chair	1	35	35
	9)	Cupboard, Low Wooden	1	30	30
	10)	Dustbin Galvanised with lid	1	30	30
	11)	Wooden Shelves	1	30	30
	12)	Wooden stool	2	30	60
	13)	Holloware Set	1	120	120
<b>1.6</b>		<b><u>O.P.D. Treatment Room</u></b>			
	1)	Stove, Charcoal	1	8	8
	2)	Stove, kerosene, 1.2 Ltrs	1	30	30
	3)	Steam Steriliser pressure cooker	1	150	150
	4)	Diagnostic Set for MCH	1	300	300
	5)	Dressing Set	1	150	150
	6)	Instrument Set IUCD	1	150	150
	7)	Instrument Set Stitch Removing	1	150	150
	8)	Instrument Set Suture	1	140	140
	9)	Wall Clock	1	25	25
	10)	Drip Stand Double Hook	1	150	150
	11)	Examination Couch local wood	1	100	100
	12)	Patient Screen four fold	1	150	150
	13)	Stretcher, Collapsible	1	200	200
	14)	Water Container with tap	1	70	70
	15)	Cupboard, High Wooden	1	90	90
	16)	Dustbin, Galvanised	1	20	20
	17)	Wooden Stool	1	45	45
	18)	Bowl, Kick s/s	1	120	120
	19)	Holloware Set	1	120	120
	20)	Instrument Tray	4	100	400
<b>2.0</b>		<b><u>WARDS: MATERNITY AND DELIVERY; MALE; FEMALE; CHILDREN</u></b>			
	<b>2.1</b>	<b><u>Children Ward</u></b>			
	1)	Paraffin Lamp, Tilley	4	45	180
	2)	Drip Stand	4	150	600
	3)	Hospital Bed, Adult	4	450	1,800
	4)	Paediatric Bed with side rails	10	450	4,500
	5)	Adult Mattress	4	100	400
	6)	Paediatric Mattress	10	75	750
	7)	Patient Screen	4	150	600
	8)	Holloware Set, Basic	1	350	350
	<b>2.2</b>	<b><u>Delivery Room</u></b>			
	1)	Paraffin Lamp	1	45	45
	2)	Stove, Charcoal	1	10	10
	3)	Diag. Equipment set for Nurse	1	150	150
	4)	Solar Light emergency	1	800	800
	5)	Steam Steriliser	1	900	900
	6)	Stethoscope, Foetal Monaural	1	30	30
	7)	Suction Apparatus Foot	1	350	350
	8)	Vacuum Extractor	1	750	750
	9)	Instrument Set, Delivery	3	180	540
	10)	Clock, Wall type	1	20	20
	11)	Baby Cot	1	250	250
	12)	Drug Cupboard	1	250	250

Namalemba Sub-County Health Unit Project\_Equipment and furniture

	13) Instrument Cupboard	1	550	550
	14) Delivery Bed	1	3,000	3,000
	15) Drip Stand, Double Hook	1	150	150
	16) Surgeons Stool	1	250	250
	17) Water Container with tap	1	70	70
	18) Dustbin, Galvanised	1	35	35
	19) Kerosene Stove	1	30	30
	20) Oxygen Therapy apparatus	2	600	1,200
	21) Resuscitator, manual, infant	1	300	300
	<b><u>Linen Store</u></b>			
<b>2.3</b>				
	1) Wooden shelves	8	30	240
	<b><u>Male Ward</u></b>			
<b>2.4</b>				
	1) Hospital Bed	10	450	4,500
	2) Adult Mattress	10	100	1,000
	3) Drip Stand	4	150	600
	<b><u>Female Ward</u></b>			
<b>2.5</b>				
	1) Hospital Bed	10	450	4,500
	2) Adult Mattress	10	100	1,000
	3) Drip Stand	4	150	600
	<b><u>Maternity Ward</u></b>			
<b>2.6</b>				
	1) Paraffin Lamp	1	30	30
	2) Stethoscope, Foetal	1	30	30
	3) Drip Stand	2	150	300
	4) Hospital Bed	4	450	1,800
	5) Hospital Mattress	4	100	400
	6) Patient Screen	1	150	150
	<b><u>Maternity First Labour</u></b>			
<b>2.7</b>				
	1) Drip Stand	1	150	150
	2) Hospital Bed	4	450	1,800
	3) Adult Mattress	4	100	400
	4) Clock wall type	1	13	13
	<b><u>Maternity Waiting Room</u></b>			
<b>2.8</b>				
	1) Wooden Bench	1	80	80
	<b><u>2 Ward Nurse Stations</u></b>			
<b>2.9</b>				
	1) Paraffin Lamp	1	45	45
	2) Diag. Equipment Set for Nurse	1	150	150
	3) Instrument Dressing Set	2	150	300
	4) Instrument set, stitch removing	1	100	100
	5) Drug Cupboard	1	450	450
	6) Water Container with tap	1	70	70
	7) Waste Paper Basket	1	10	10

Namalemba Sub-County Health Unit Project\_Equipment and furniture

	8) Wooden Chair	2	70	140
	9) Wooden Desk	1	75	75
	10) Bench, wood, small	1	50	50
	<b><u>Sterile Store</u></b>			
	1) Wooden Shelves	4	30	120
	<b>OVERALL TOTAL</b>			<b>47,666</b>