



Lions Denmark apply for support to the project that will be driven and anchored in District 106C for the project of building a new Pediatric Ward with Neonatal Unit at the Heri Village Hospital in Munalilla near Kigoma in northern Tanzania.



Introduction

- The hospital started in 1947 as a leprosy camp. In 1953 the facility was established as a hospital and in 2014 a Nursing College was added that offers a certificate training programme in Nursing. Plans are underway to upgrade the school to diploma training in Nursing as well as start training of Community Health Workers. The facility which is the only hospital in the area and placed 2,9 km from the main (tarred) road.
- Service offered by the hospital include outpatients, inpatients, medicine, surgery, OB/gyn., pediatrics, pharmacy, laboratory, surgeries (minor and major), ultrasound, x-ray, CTC.
- The hospital attracts patients from the entire region of Kigoma (a population estimated at 2.128 mill and beyond. Being a walking distance (4,5 km) from the border of Tanzania and Burundi, the hospital often takes care of patients from Burundi.
- The hospital also serves as referral hospital for 3 refugee camps in the Kigoma area with 300.000 refugees.

Statement of the problem

The main hospital building was constructed in 1946 and has belong delapidated over time. Over the years attempts were made at expanding the hospital by adding walls/sections to the existing single structure.



It can only be better than this.

- Over the last decade different parts of the roof started leaking due to rust from age. Repeated attempts have been made at mending it only to have recurrences and new places starting to leak. Consequently the ceiling is rotten and cannot be kept decent looking. Repeated changes has become an economic challenge.

- As one goes through the building it is impossible to note the different parts of the walls stained by rain water dripping from the roof. The floor of the hospital is cement and no longer meets the standards recommended by the government that requires floor of the hospital wards to be tiled to facilitate cleanliness and infection control.
- The Hospital has never had a Pediatric Ward nor a Prenatal Unit and there are no Pediatric Wards at any of the State Hospitals in a larger area. Children are admitted and treated in part of the Female Ward and adult patients have easy access to the children which is unsafe for the children.

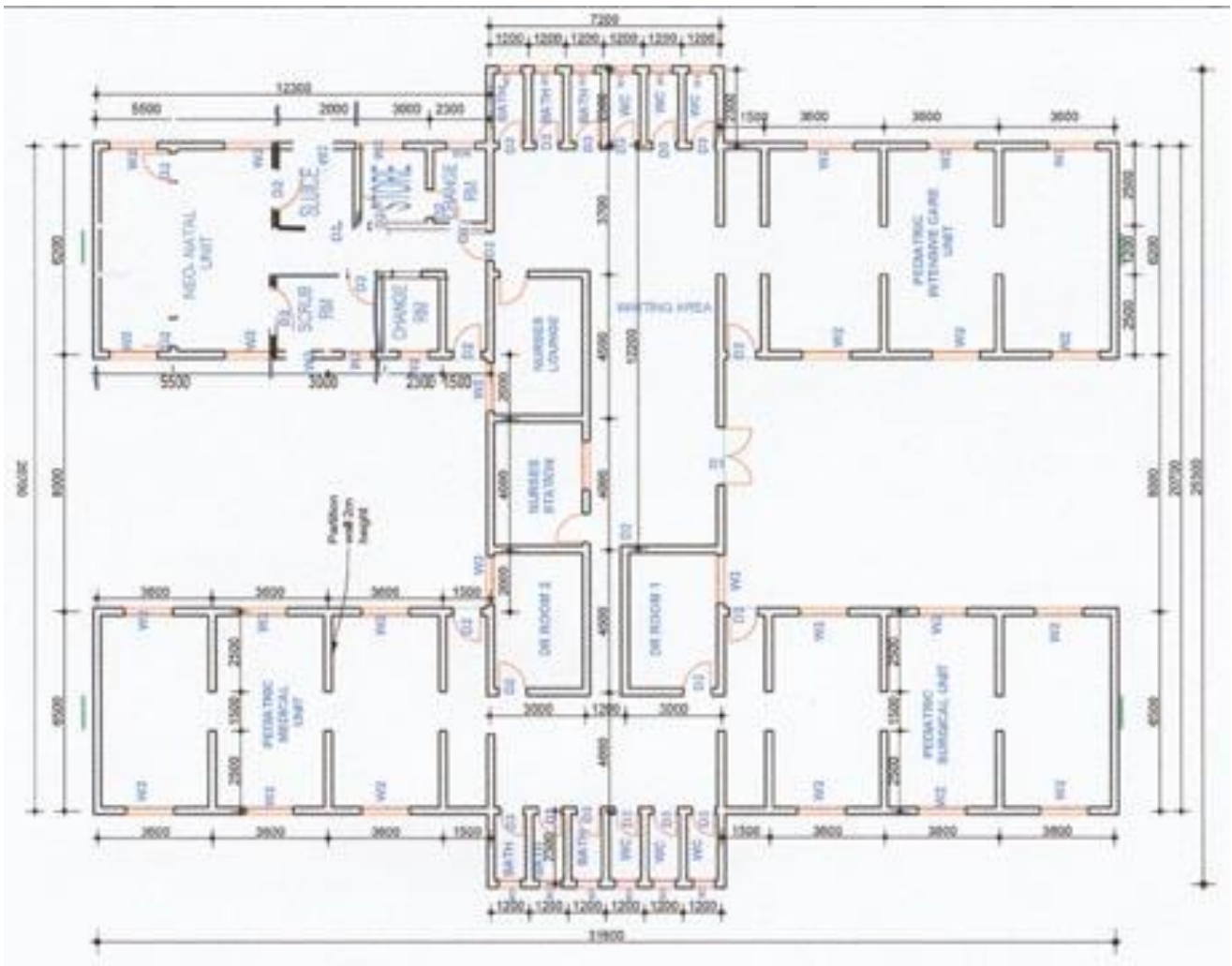
There is therefore the need for a construction of a Pediatric Ward, Medical and Surgical Ward. This will be a first for the hospital if it is possible to do this and it will make for a better care of pediatric patients on a safe and conducive environment.

The Success on this project

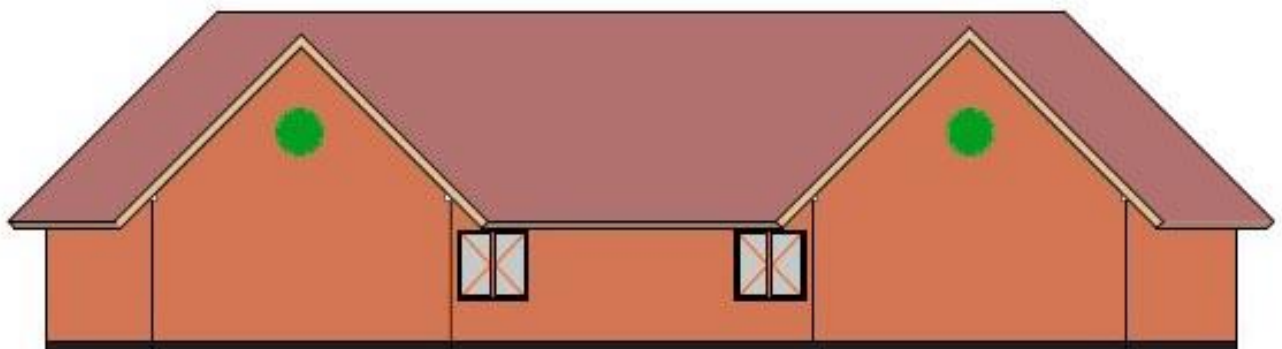
The hospital attracts patients from the entire region of Kigoma, a population estimated at 2.128 mill. Being a walking distance (4,5 km) from the border of Tanzania and Burundi, the hospital often takes care of patients from Burundi. The hospital also serves as referral hospital for 3 refugee camps in the Kigoma area with 300.000 refugees. Only in the Buhigwe District, which is the area from the town of Kasulo and towards the border to Burundi there is about 50.000 children and in the whole of the Kigoma area there are an estimate of 4-500.000 children with no access to a Pediatric Ward, not to speak about a Prenatal Unit. As you can see the new facilities are badly needed especially for the kids in the area.

Project management and Timetable

The building process will be managed by local companies supervised by Lion PDG Knud Løkkegaard 106C who has a good local knowledge from earlier projects there and Dr. *Morten Øster* who stays for 3 months each year at Heri. The planning process of the project will start immediately after a go-ahead might be given. All drawings and estimates are already available as part of this Application. Once the money is there the building process will start and the building time is estimated to be about one year.



FRONT SIDE VIEW



RACK SIDE VIEW

Budget

In the Attachment you will find detailed estimates covering the building as well as Medical Equipment.

HERI ADVENTIST HOSPITAL

ESTIMATES FOR CONSTRUCTION OF NEW PAEDIATRIC WARD AND NEONATAL UNIT

S/N	DETAILS	COST (US DOLLARS)
A	BUILDING MATERIALS	
1	Bricks	4.257,57
2	Cement	8.099,05
3	Plumbing Materials	2.932,40
4	Transportation and travel expenses	2.100,37
5	Fuel (Diesel/Petrol/Oil engine/Brake fluid etc)	4.539,68
6	Gravels (Aggregate)	1.234,21
7	Iron Rods	6.567,47
8	Lime	1.694,74
9	Electric Items	5.538,21
10	Roofing Sheets	7.497,37
11	Sand	2.613,49
12	Stones	1.784,54
13	Timbers	5.756,58
14	Gypsum/Ceilling	3.399,61
15	Tilles	10.964,91
16	Painting	2.280,76
17	Nails	361,51
18	Door Frames_ Wooden	506,58
19	Sewage Systems	1.657,89
20	Landscaping	1.403,51
21	Aluminium work_ Windows	4.605,26
22	Doors	3.272,96
23	Contingencies 1% material cost	1.661,37
24	Labour 25% of Material cost	20.974,84
	SUB-TOTAL 1	105.704,87

S/N	MEDICAL EQUIPMENTS	
1	Oxygen Concetrator	5.701,18
2	Matress	2.897,37
3	Bed Sheets Cotton	701,05

4	Rubber Mackintosh	442,11
5	Table Examination 2-Section With Pad	498,82
6	Hospital Bed Four Sections With Castors Collapsible Side Rails, Drip Stands And Trapezium.	4.894,74
7	Hospital Bed Two Sections With Castors Collapsible Side Rails, Drip Stands And Trapezium.	3.232,63
8	Bed Hospital Without Castors	2.084,21
9	Bed Side Locker (Metal) With Set In Table	6.969,47
10	Neonatal Incubator	7.017,54
11	Suction Pump Portable,Electric	852,11
12	Transportation	2.192,98
	EQUIPMENTS FOR NEUNATAL UNIT	
13	Jaundice light	1.000,00
14	CPAP Machine	4.000,00
15	Vital Sign Monitor	2.000,00
16	Patient Warmer	1.240,00
17	Pulse Oximeter with ETCO2 sensor and SPO2 sensor	800,00
18	Pulse Oximeter	39,00
	Unexpected cost incl currency fluctuation 10%	15.226,80
	Travel expenses for inspection during building period	3.000,00
	SUB-TOTAL	64.790,01
	GRAND TOTAL	170.494,88
		EUR
		155.410,88

USD 170494,88 converted to EUR

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