

MINUTES OF DISCUSSIONS
PREPARATORY STUDY
ON THE PROJECT FOR THE REHABILITATION OF HEALTH FACILITIES AND
MEDICAL EQUIPMENT IN MBALE, TORORO, BUGIRI AND BUSIA DISTRICTS
IN THE REPUBLIC OF UGANDA

In response to a request from the Government of the Republic of Uganda (hereinafter referred to as "Uganda"), the Government of Japan decided to conduct a Preparatory Study on the Project for the Rehabilitation of Health Facilities and Medical Equipment in Mbale, Tororo, Bugiri And Busia Districts (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to Uganda the Preparatory Study Team (hereinafter referred to as "the Team"), which is headed by Mr. Jiro Inamura, Deputy Resident Representative, JICA Kenya Office, and is scheduled to stay in the country from September 10 to October 3, 2004.

The Team held discussions with the officials concerned of the Government of Uganda and conducted a field survey at the study area.

In the course of discussions and field survey, both parties confirmed the main items described in the ATTACHMENT. Subject to the decision by the Government of Japan, JICA will conduct a Basic Design Study on the Project.

Kampala, September 22, 2004



Mr. Jiro INAMURA
Leader
Preparatory Study Team
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Japan



Mr. Mohammed S. KEZAALA
Permanent Secretary
Ministry of Health
The Republic of Uganda

ATTACHMENT

1. Objective of the Project

The objective of the Project is to improve the quality of the medical and health care services in the hospitals and Health Centers (HCs) in Mbale, Tororo, Bugiri and Busia Districts in the Republic of Uganda through construction and/or rehabilitation of facilities and procurement and installation of equipment.

2. Project Sites

The sites of the Project are Mbale, Tororo, Bugiri and Busia Districts in Uganda showed in Annex-1.

3. Responsible and Implementing Agency

3-1. The Responsible Agency is the Ministry of Health, the Government of Uganda.

3-2. The Implementing Agency is the Health Infrastructure Division, the Department of Clinical Services, the Ministry of Health, the Government of Uganda.

4. Items Requested by the Government of Uganda

After discussions with the Team, the following items were finally requested by the Ugandan side. JICA will assess the appropriateness of the request and will recommend the findings to the Government of Japan.

(1) Construction and Rehabilitation of the Facilities: Details and priorities of items are listed in Annex-2.

(2) Procurement of the Equipment: Details of items are listed in Annex-3.

5. Japan's Grant Aid Scheme

5-1. The Ugandan side understands the Japan's Grant Aid Scheme explained by the Team, as described in Annex-4.

5-2. Both sides will take the necessary measures described in Annex-5, for smooth implementation of the Project, as a condition for the Japanese Grant Aid to be implemented.

6. Schedule of the Study

6-1. Two consultant members of the Team will proceed to further studies in Uganda until October 3, 2004.

6-2. If the Project is found feasible as a result of the Preparatory Study, JICA will send the Basic Design Study Team around January, 2005.

7. Other Relevant Issues

7-1. Selection of the Targeted Facilities

Both sides have mutually agreed to select the targeted facilities with the priority described in Annex-2 through the further studies, if the Project is found feasible as a result of the Preparatory Study. The priority is categorized as follows.

- A: higher urgency
- B: middle urgency
- C: lower urgency

7-2. Selection of the Targeted Equipment

Both sides have mutually agreed to select the targeted equipment with the criteria described in Annex-6 through the further studies, if the Project is found feasible as a result of the Preparatory Study. The criteria are based on the "Standard Equipment List per Health Care Level" under the National Health Equipment Policy established by the Ministry of Health, the Government of Uganda in October 2000.

7-3. Budgets for Operation and Maintenance of the Targeted Facilities and Equipment

The Ugandan side has agreed to secure and allocate enough budgets to operate and maintain the constructed and/or rehabilitated facilities and procured equipment by the Project properly and effectively, as a condition for the Project to be implemented.

7-4. Staff Recruitment and Capacity Building

The Ugandan side has agreed to promote the staff recruitment and capacity building for the effective use of the constructed and/or rehabilitated facilities and procured equipment by the Project, as a condition for the Project to be implemented.

7-5. Busolwe Hospital

The Japanese side confirmed the necessity of facilities' rehabilitation and equipment procurement through the field study on the Busolwe Hospital, which is one of the requested facilities in Tororo District. It was also seemed, however, that there is shortage of manpower and budget for appropriate management and maintenance of the Hospital.

The Japanese side pointed out that the proper and effective budgeting, staff recruitment and capacity building should be secured especially for the Hospital by the Ugandan side. As a result of discussions, both sides have mutually agreed to select the Busolwe Hospital as a targeted hospital on condition that the Ugandan side takes the appropriate measures mentioned above during the further studies.

7-6. Development of a Hospital in Busia District

The Ugandan side requested for improvement of the Busia HC IV instead of the Masafu HC IV to offer hospital services. The Ministry of Health shall consult with the District in order to make a final decision about the upgrading hospital issue. The Ugandan side will discuss the issue with the Japanese side at the beginning of the Basic Design Study.

7-7. Collaboration with Technical Cooperation

For the sake of the technology transfer on sustainable operation and maintenance of the medical facilities and equipment, the Ugandan side has already submitted the draft proposal to the Japanese side for a new Project-type Technical Cooperation Project (PTCP) named "Improvement of Health Infrastructure Development and Management in Uganda".

Both side confirmed that the implementation of the Project in collaboration with the PTCP is quite effective, and the Japanese side has recommended the Ugandan side to submit an official request on the PTCP through diplomatic channels such as the Embassy of Japan in Uganda and/or the JICA Kenya Office via the JOCV Uganda

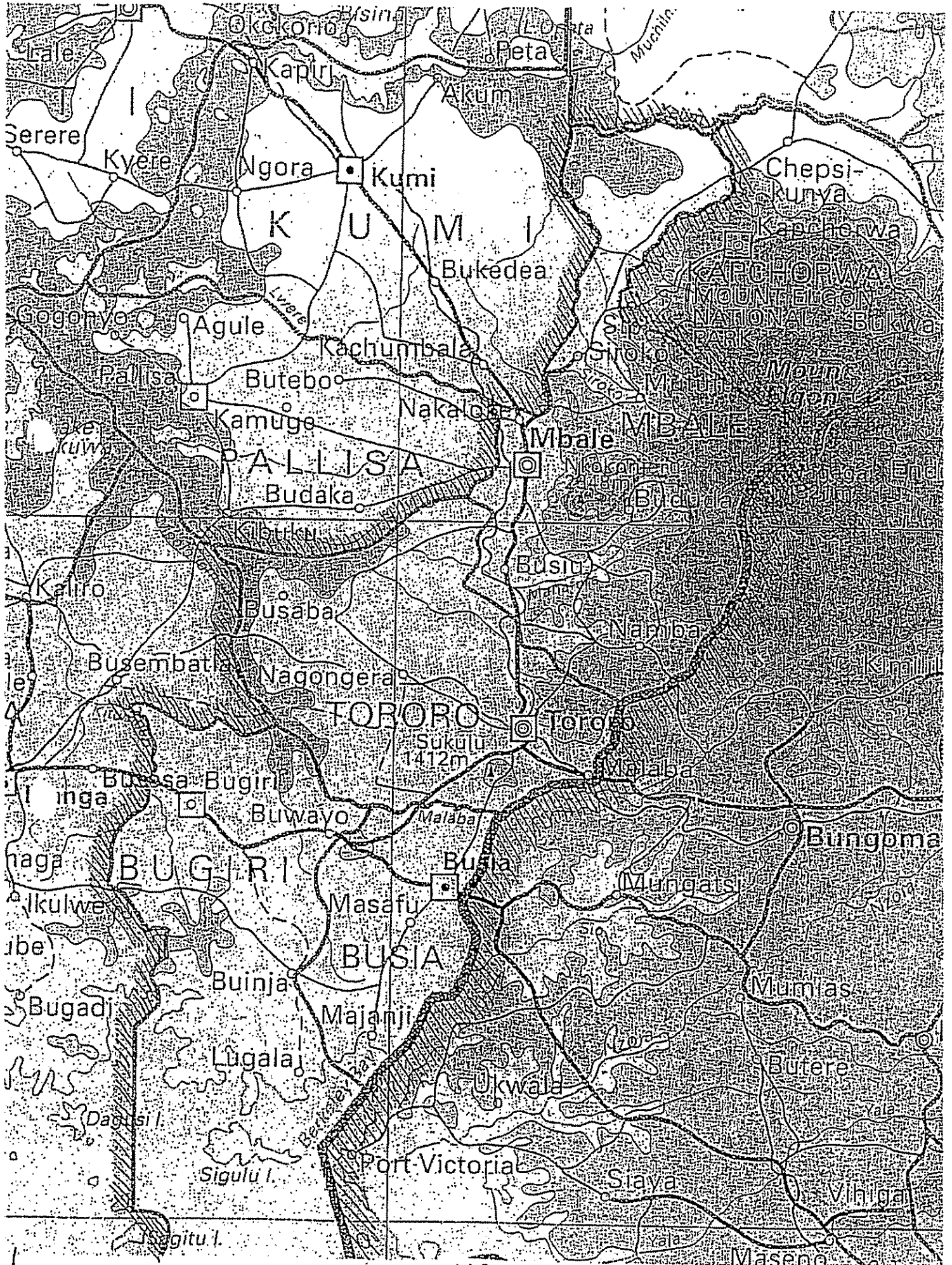
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Annex-1: Sites Map

- 2: Requested Facilities and Priority
- 3: Requested Equipment
- 4: Japan's Grant Aid Scheme
- 5: Major Undertakings to be taken by Each Government
- 6: Selection Criteria of the Targeted Equipment



Antrex-1: Sites Map



Annex-2: Requested Facilities and Priority

MBALE District		TORORO District		BUGIRI District		BUSIA District	
Mbale RH	OP Theater X-ray	Tororo GH	OPD/CW OP Theater	Bugiri GH	Masao HC-4	Mbale RH	OPD
Bududa GH	Admin OPD Antenatal/CHC OP Theater Delivery-sec. Mortuary Staff Houses	Renewal Renewal Renewal Renewal Renewal Renewal Add constr.	Female-W Maternity-W Mortuary Laundry/store Staff Houses	Renewal Renewal Renewal Renewal New constr. Add constr.	Maternity-W Male-W Mortuary X-ray K/L Admin. Drug store Staff Houses	New constr. New constr. New constr. New constr. New constr. New constr. Add constr.	Renewal New constr. Renewal New constr. New constr. Add constr.
Burwoni HC-3 (upgraded)	OP Theater X-ray Admin OPD Antenatal/CHC OP Theater Delivery-sec. Mortuary Staff Houses	Renewal Renewal Renewal Renewal Renewal Renewal Add constr.	Female-W Maternity-W Mortuary Laundry/store Staff Houses	Renewal Renewal Renewal Renewal New constr. Add constr.	Maternity-W Male-W Mortuary X-ray K/L Admin. Drug store Staff Houses	New constr. New constr. New constr. New constr. New constr. New constr. Add constr.	Renewal New constr. Renewal New constr. New constr. Add constr.
Bupoto HC-3 (upgraded)	OP Theater X-ray Admin OPD Antenatal/CHC OP Theater Delivery-sec. Mortuary Staff Houses	Renewal Renewal Renewal Renewal Renewal Renewal Add constr.	Female-W Maternity-W Mortuary Laundry/store Staff Houses	Renewal Renewal Renewal Renewal New constr. Add constr.	Maternity-W Male-W Mortuary X-ray K/L Admin. Drug store Staff Houses	New constr. New constr. New constr. New constr. New constr. New constr. Add constr.	Renewal New constr. Renewal New constr. New constr. Add constr.
Namanyonyi HC-3 (New site)	OP Theater X-ray Admin OPD Antenatal/CHC OP Theater Delivery-sec. Mortuary Staff Houses	Renewal Renewal Renewal Renewal Renewal Renewal Add constr.	Female-W Maternity-W Mortuary Laundry/store Staff Houses	Renewal Renewal Renewal Renewal New constr. Add constr.	Maternity-W Male-W Mortuary X-ray K/L Admin. Drug store Staff Houses	New constr. New constr. New constr. New constr. New constr. New constr. Add constr.	Renewal New constr. Renewal New constr. New constr. Add constr.

HC: Health Center, GH: General Hospital, RH: Regional Referral Hospital, NH: National Referral Hospital
 Admin: Administration OPD: Out patient department OP: operation CHC: Child health clinic GMW: General and Maternity ward CW: Casualty ward bs: beds
 -W: Ward K/L: Kitchen, Laundry MWP: Medical Waste Pit PP: Placenta Pit PL: Pit Latrines
 A: Higher urgency, B: Middle urgency, C: Lower urgency
 Constr.: Construction GRenov.: General renovation

Requested Equipment

Health Unit	Tororo	Bugiri	Busia
RRH	Mbale		
GH	Mbale		
	Bududa GH	Bugiri GH	
HC IV	Busolwe GH		
	Bugobero	Buyinja	Masafu
	Busiu	Nankoma	Busia
	Bumwoni	Kayango	Buteba
	Bupoto	Bulidha	Lunyo
	Namanyonyi	Mutumba	Buhehe
HC III	Bubutu	Sigulu	Buhumbi
	Butiru	Bandaa	Mbehenyi
	Busano	Buluguyi	Busitema
	Nakaloke	Muterere	
	Bulkigai	Bulesa	
	Namakwekwe		
DDHS	Mbale	Bugiri	Busia

RRH: Regional Referral Hospital

GH: General Hospital

HC: Health Centre

DDHS: District Director of Health Office

MBALE DISTRICT
Proposed Equipment Requirements for Mbale Regional Referral Hospital

1. Out Patient Department

No	ITEM	Q'TY
1	ECC Recorder	1
2	ECC Monitor	1
3	Pulse Oximeter	1
4	Examination Light	1
5	Trolley, Instruments	1
6	Tray, Instruments	2
7	Instrument Set, Toilet Surgical	1
8	Operation, Light, Mobile	1
9	Operating Table	1
10	Refrigerator	1
11	Resuscitator, Manual, Adult	2
12	Resuscitator, Manual, Child	2
13	Suction Apparatus, Electric	1
14	Suction Apparatus, Foot Operated	1
15	Patient Stretcher	1
16	Patient Screen	1
17	EMO Inhaler	1
18	Trolley, Patient	4
19	Trolley, Medicine	2

2. Laboratories and Blood Bank

No	ITEM	Q'TY
1	Balance Semi Analytical	2
2	Centrifuge, Electric	1
3	Colorimeter	2
4	Water Distiller	2
5	Flame Photometer	1
6	Haemoglobin Meter	2
7	Hot Air Oven	1
8	Microscope, Binocular	1
9	Electrophoresis Machine Haemoglobin	1
10	Electrophoresis Protein	1
11	Water Bath	1
12	ESR Apparatus	1
13	Incubator Safety Hood	2

3. Pharmacy

No	ITEM	Q'TY
1	Autoclave, IV	1
2	Balance Electronic	1
3	Balance Semi Analytical	1
4	Water Distiller	2
5	Refrigerator	2
6	Vacuum Filter Pump	1
7	Trolley, Dispenser	1
8	Cap Sealing Machine	1
9	MRC Bottles, 0.5 L	2000
10	Motor and Pestle	2
11	Water Bottle	2
12	Computer	2

4. Main Theatre

No	ITEM	Q'TY
1	Autoclave Dry Vac	1
2	Anaesthetic Machine	1
3	Diagnostic Equipment Set, A	1
4	ECC Monitor	1
5	Pulse Oximeter	1
6	Electro Surgical Unit	1
7	EMO Inhaler set	1
8	Trolley, Instruments	1
9	Instrument Set, General Surgery	1
10	Instrument Set, Gyn & Obstetrics	1
11	Instrument Set, Orthopaedic	1
12	Instrument Set, Anaesthesia, Adult	1
13	Instrument Set, Anaesthesia, Paediatric	1
14	Instrument Set, Surgical, Paediatric	1
15	Instrument Cupboard	2
16	Operation Light, Fixed	1
17	Operation Light, Mobile	1
18	Operating Table	2
19	Oxygen Concentrator	2
20	Resuscitator, Manual, Adult	2
21	Resuscitator, Manual, Child	2
22	Suction Apparatus, Electric	4
23	Suction Apparatus, Foot Operated	4
	Air Conditioning Set	1

5. X-ray and Imaging

No	ITEM	Q'TY
1	Ultrasound Unit	1
2	X-Ray Cassettes Set	1
3	X-Ray Darkroom Equipment Set	1
4	X-Ray Film Dryer	1
5	X-Ray Protective Clothing Set	1
6	X-Ray unit, Fluoroscopy unit	1
7	X-Ray unit, Mobile	1
8	X-Ray Film Viewer	1
9	X-Ray Maker, A-Z, Character, Lead Mounted	1
10	X-Ray Maker, L-R, Chrome Plated, AP	1
11	Film Processor	1

6. Transport and Communication Equipment

No	ITEM	Q'TY
1	Motor Vehicle, 4WD	2
2	Computer	4

7. Other

No	ITEM	Q'TY
1	Infant Incubator	1

MBALE DISTRICT
Proposed Equipment Requirements for Bududa General Hospital

1. Out Patient Department

No	ITEM	QTY
1	Autoclave, Bench Type	1
2	Diagnostic Equipment Set, C	2
3	Dressing Set	1
4	ECG Recorder	1
5	Pulse Oximeter	1
6	Examination Light	2
7	Operation, Light, Mobile	1
8	Operating Table	1
9	Resuscitator, Manual, Adult	1
10	Resuscitator, Manual, Child	1
11	Suction Apparatus, Electric	1
12	Suction Apparatus, Foot Operated	2
13	Patient Screen	1
14	EMO Inhaler	1

3. Laboratories and Blood Bank

No	ITEM	QTY
1	Autoclave, Portable	1
2	Balance Semi Analytical	1
3	Centrifuge, Electric	1
4	Colorimeter	1
5	Water Distiller	2
6	Haemoglobin Meter	1
7	Hot Air Oven	1
8	Incubator Culture	1
9	Microscope, Binocular	1
10	Refrigerator	1
11	Refrigerator for Blood Bank	1
12	VDR shaker	1
13	Water Bath	1
14	ESR Apparatus	1

2. Dental Department

No	ITEM	QTY
1	Dental Unit Complete	1
2	Instrument Set, Dental Surgery	2
3	Instrument Set, Dental, Hand	2
4	Autoclave, Bench Type	1
5	Dental X-Ray	1
6	Dental Cabinet	1
7	Protective Mask	2

4. Pharmacy

No	ITEM	QTY
1	Autoclave, IV	1
2	Balance Electronic	1
3	Water Distiller	1
4	Refrigerator	1
5	Vacuum Filter Pump	1
6	MRC Bottles, 0.5 L	500

5. Main Theatre

No	ITEM	QTY
1	Autoclave Dry Vac	1
2	Autoclave, Bench Type	1
3	Anaesthetic Machine	1
4	Diagnostic Equipment Set, A	2
5	Pulse Oximeter	1
6	Tray, Instruments	1
7	Trolley, Instruments	1
8	Instrument Set, General Surgery	1
9	Instrument Set, Gyn & Obstetrics	1
10	Instrument Set, Dilatation and Curettage	1
11	Instrument Cupboard	1
12	Operation Light, Fixed	1
13	Operation Light, Mobile	1
14	Operating Table	1
15	Oxygen Concentrator	1
16	Resuscitator, Manual, Adult	1
17	Resuscitator, Manual, Child	1
18	Suction Apparatus, Electric	1

6. X-Ray and Imaging

No	ITEM	QTY
1	Ultrasound Unit	1
2	X-Ray Cassettes Set	1
3	X-Ray Darkroom Equipment Set	1
4	X-Ray Film Dryer	1
5	X-Ray Protective Clothing Set	1
6	X-Ray Basic Bucky System	1
7	X-Ray Film Viewer	1
8	X-Ray Maker	1
9	Manual Film Processor	1

7. General Ward

No	ITEM	Q'TY
1	Hospital Bed	50
2	Paediatric Bed	20
3	Drug Cupboard	1
4	Drip Stand	10
5	Autoclave, Bench Type	1
6	Patient Screen	2
7	X-Ray Film Viewer	1

8. Maternity Ward

No	ITEM	Q'TY
1	Hospital Bed	50
2	Baby Cot	25
3	Delivery Bed	2
4	Patient Screen	1
5	Resuscitator, Manual, Adult	1
6	Resuscitator, Manual, Child	1
7	Suction Apparatus, Electric	1
8	Suction Apparatus, Foot Operated	1
9	Infant Warmer	1
10	Baby Incubator	1
11	Autoclave, Bench Type	1
12	Weighing Scale, Adult	1
13	Weighing Scale, Pediatric	1
14	Foetal Doppler	1
15	Ultrasound Scanner	1
16	Instrument Set, Delivery	2

10. Hospital Plant

No	ITEM	Q'TY
1	Generator, Standby, for Theatre	1

11. Transport and Communication Equipment

No	ITEM	Q'TY
1	Ambulance	1
2	Motorcycle	2
3	Radio Call for Base Station	1
4	Radio Call for Ambulance	1

12. Mortuary

No	ITEM	Q'TY
1	Cooled Mortuary (Fridge)	1
2	Post Mortem Table	1
3	Instrument Set, Post-Mortem	1
4	Trolley, Mortuary	1

9. Kitchen and Laundry Equipment

No	ITEM	Q'TY
1	Refrigerator	1
2	Freezer	1
3	Washing Machine	1
4	Dryer	1
5	Ironing Machine	2

MBALE DISTRICT
Health Centre IV
Bugobero, Busiu

Health Centre III
Bumwoni, Bupoto, Namanyonyi, Bubutu, Bufiru,
Busano, Nakaloke, Bukigai, Namakwekwe

District Director of Health Service

Proposed Equipment Requirements for HC IV

No	ITEM	Q'TY
1	Radio Call for Station	1
2	Radio Call for Ambulance	1
3	Solar Electric System	1
4	Ambulance	1
5	Motorcycle	1
6	Diagnostic Equipment Set, C.O	1
7	Examination Couch	1
8	Patient Screen	1
9	Patient Stretcher	1
10	Instrument Set, Dressing	1
11	Dressing Set	1
12	Tray, Instruments	1
13	Trolley, Dispenser	1
14	Sterilizer	1
15	Microscope, Binocular	1
16	Centrifuge, Manual	1
17	Haemoglobinometer	1
18	ESR Apparatus	1
19	Hospital Bed	2
20	Pediatric Bed	1
21	Delivery Bed	1
22	Instrument Set, Delivery	1
23	Cupboard, Drug	1
24	Operating Table	1
25	Operating Light	1
26	EMO Inhaler	1
27	Resuscitator, Manual, Adult	1
28	Resuscitator, Manual, Infant	1
29	Suction Apparatus, Foot Operated	1
30	Instrument Set, Surgical	1
31	Instrument Set, Caesarian Section	1
32	Cupboard, Instruments	1
33	Trolley, Instruments	1
34	Ultrasound Equipment	1
35	Vacuum Extractor, Manual	1
36	Dental Chair	1
37	Instrument Set, Dental, Hand	1

Proposed Equipment Requirements for HC III

No	ITEM	Q'TY
1	Radio Call for Station	1
2	Solar Electric System	1
3	Motorcycle	1
4	Diagnostic Equipment Set, C.O	1
5	Instrument set, Dressing	1
6	Dressing Set	1
7	Weighing Scale, Adult	1
8	Weighing Scale, Infant	1
9	Delivery Bed	1
10	Instrument set, Delivery	1
11	Sterilize Set	1
12	Resuscitator, Manual, Infant	1
13	Resuscitator, Manual, Adult	1
14	Suction Apparatus, Foot Operated	1
15	Vacuum Extractor, Manual	1
16	Tray, Instruments	1
17	Trolley, Instruments	1
18	Cupboard, Instruments	1
19	Patient Screen	1
20	Microscope, Binocular	1
21	Centrifuge, Manual	1

List of Requirement of Equipment in DDHS

No	ITEM	Q'TY
1	Pickup Truck, W-Cabin 4WD	1
2	Motorcycle, Off Road 125cc	2

TORORO DISTRICT
Proposed Equipment Requirements for Tororo General Hospital

1. Out Patient Department

No	ITEM	QTY
1	Autoclave, Bench Type	1
2	Diagnostic Equipment Set, C	2
3	Dressing Set	2
4	ECG Recorder	1
5	ECG Monitor	1
6	Pulse Oximeter	1
7	Examination Light	2
8	Operation Light, Mobile	1
9	Operating Table	1
10	Resuscitator, Manual, Adult	1
11	Resuscitator, Manual, Child	1
12	Suctio Apparatus, Electric	1
13	Suctio Apparatus, Foot Operated	1
14	Weighing Scale, Adult	1
15	Weighing Scale, Child	1
16	Patient Screen	4
17	EMO Inhaler	1
18	Examination Couch	4
19	X-Ray Unit, Mobile	1

2. Dental Department

No	ITEM	QTY
1	Dental Unit Complete	1
2	Instrument Set, Dental Surgery	1
3	Instrument Set, Dental, Hand	1
4	Autoclave, Bench Type	1
5	Dental X-Ray	1
6	Protective Mask	2

3. Laboratories and Blood Bank

No	ITEM	QTY
1	Autoclave, Portable	1
2	Balance Semi Analytical	1
3	Donor Couch	1
4	Centrifuge, Manual	1
5	Centrifuge, Electric	1
6	Centrifuge, Haematocrit	1
7	Colorimeter	1
8	Water Distiller	1
9	Flame Photometer	1
10	Haemoglobin Meter	1
11	Hot Air Oven	1
12	Hot Plate	1
13	Incubator Culture	1
14	Microscope, Binocular	2
15	Refrigerator	1
16	Refrigerator for Blood bank	1
17	VDR/L Shaker	1
18	Water Bath	1
19	Weighing Scale, Adult	1
20	Laboratory Stool	2
21	Anaerobic Jar	2
22	ESR Apparatus	1
23	Glucometer Set	1

4. Pharmacy

No	ITEM	QTY
1	Autoclave, IV	1
2	Balance Electronic	1
3	Water Distiller	2
4	Glaswater Set	1
5	Hot Plate	1
6	Refrigerator	1
7	Vacuum Filter Pump	1
8	Cap Sealing Machine	1
9	MRC Bottles, 0.5L	1000

5. Main Theatre

No	ITEM	QTY
1	Autoclave Dry Vac	1
2	Autoclave, Bench Type	1
3	Anaesthetic Machine	1
4	Defibrillator	1
5	Diagnostic Equipment Set, A	2
6	ECG Monitor	1
7	Pulse Oximeter	1
8	Electric Surgical Unit	1
9	EMO Inhaler Set	1
10	Tray, Instruments	2
11	Trolley, Instruments	2
12	Instrument Set, General Basic	2
13	Instrument Set, General Surgery	2
14	Instrument Set, Gyn & Obstetrics	2
15	Instrument Set, Orthopedic	1
16	Instrument Cupboard	2
17	Operation Light, Fixed	1
18	Operation Light, Mobile	1
19	Operating Table	2
20	Oxygen Concentrator	1
21	Resuscitator, Manual, Adult	1
22	Resuscitator, Manual, Child	1
23	Suction Apparatus, Electric	2
24	Suction Apparatus, Foot Operated	2

6. X-Ray and Imaging

No	ITEM	QTY
1	Ultrasound Unit	1
2	X-Ray Cassettes Set	2
3	X-Ray Darkroom Equipment Set	1
4	X-Ray Film Dryer	1
5	X-Ray Protective Clothing Set	1
6	X-Ray Film Viewer	1
7	X-Ray Maker	1
8	Manual Film Processor	1

7. General Ward

No	ITEM	QTY
1	Hospital Bed	80
2	Paediatric Bed	40
3	Trolley, Linen	2
4	Trolley, Food	2
5	Drug Cupboard	2
6	Drip Stand	5
7	Autoclave	1
8	Diagnostic Equipment Set, C	2
9	Dressing Set	2
10	Weighing Scale, Adult	1
11	Weighing Scale, Infant	1
12	Patient Screen	4
13	X-Ray Film Viewer	1
14	Wheel Chair	1

9. Transport and Communication Equipment

No	ITEM	QTY
1	Ambulance	1
2	Motorcycle	1
3	Radio Call for Base Station	1
4	Radio Call for Ambulance	1

10. Mortuary

No	ITEM	QTY
1	Cooled Mortuary (Fridge)	1
2	Post Mortem Table	1
3	Instrument Set, Post-Mortem	1
4	Trolley, Mortuary	1

8. Maternity Ward

No	ITEM	QTY
1	Hospital Bed	40
2	Baby Cot	10
3	Delivery Bed	2
4	Patient Screen	4
5	Resuscitator, Manual, Adult	1
6	Resuscitator, Manual, Child	1
7	Suction Apparatus, Electric	1
8	Suction Apparatus, Foot Operated	1
9	Infant Warmer	1
10	Baby Incubator	1
11	Autoclave, Bench Type	1
12	Trolley, Linen	1
13	Weighing Scale, Adult	1
14	Weighing Scale, Pediatric	1
15	Foetal Doppler	2
16	Ultrasound Scanner	1
17	Instrument set, Delivery	2

TORORO DISTRICT
Proposed Equipment Requirements for Busolve General Hospital

1. Out Patient Department			3. Laboratories and Blood Bank			5. Main Theatre		
No	ITEM	Q'TY	No	ITEM	Q'TY	No	ITEM	Q'TY
1	Autoclave, Bench Type	1	1	Autoclave, Portable	1	1	Autoclave Dry Vac	1
2	Diagnostic Equipment Set, C	2	2	Balance Semi Analytical	1	2	Autoclave, Bench Type	1
3	Dressing Set	2	3	Centrifuge, Electric	1	3	Anaesthetic Machine	1
4	ECG Recorder	1	4	Colorimeter	1	4	Defibrillator	1
5	ECG Monitor	1	5	Water Distiller	1	5	Diagnostic Equipment Set, A	1
6	Pulse Oximeter	1	6	Flame Photometer	1	6	Pulse Oximeter	1
7	Examination Light	2	7	Haemoglobin meter	1	7	Electric Surgical Unit	1
8	Operation Light, Mobile	1	8	Hot Air Oven	1	8	EMO Inhaler Set	1
9	Operating Table	1	9	Hot Plate	1	9	Tray, Instruments	2
10	Resuscitator, Manual, Adult	1	10	Incubator Culture	1	10	Trolley, Instruments	2
11	Resuscitator, Manual, Child	1	11	Microscope, Binocular	2	11	Instrument Set, General Basic	1
12	Suction Apparatus, Electric	1	12	VDR/L Shaker	1	12	Instrument Set, General Surgery	1
13	Suction Apparatus, Foot Operated	1	13	Water Bath	1	13	Instrument Set, Gyn & Obstetrics	1
14	Weighing Scale, Adult	1	14	ESR Apparatus	1	14	Instrument Set, Orthopedic	1
15	Weighing Scale, Child	1				15	Operation Light, Fixed	1
16	Patient Screen	4				16	Operation Light, Mobile	1
17	EMO inhaler	1				17	Operating Table	2
18	Examination Couch	4				18	Oxygen Concentrator	2
						19	Resuscitator, Manual, Adult	1
						20	Resuscitator, Manual, Child	1
						21	Suction Apparatus, Electric	1
						22	Suction Apparatus, Foot Operated	1
2. Dental Department			4. Pharmacy			6. X-Ray and Imaging		
No	ITEM	Q'TY	No	ITEM	Q'TY	No	ITEM	Q'TY
1	Dental Unit Complete	1	1	Autoclave, IV	1	1	Ultrasound Unit	1
2	Instrument Set, Dental Surgery	1	2	Balance Electronic	1	2	X-Ray Cassettes Set	1
3	Instrument Set, Dental, Hand	1	3	Balance Semi Analytical	1	3	X-Ray Darkroom Equipment Set	1
4	Autoclave	1	4	Water Distiller	2	4	X-Ray Film Dryer	1
5	Dental X-Ray	1	5	Refrigerator	1	5	X-Ray Basic Bucky System	1
6	Protective Mask	2	6	Vacuum Filter Pump	1	6	X-Ray Film Viewers	1
			7	Cap Sealing Machine	1	7	X-Ray Makers	1
			8	MRC Bottles, 0.5 L	500	8	Manual Film Processor	1

7. General Ward

No	ITEM	Q'TY
1	Hospital Bed	30
2	Paediatric Bed	20
3	Trolley, Dispenser	2
4	Drip Stands	5
5	Autoclave, Bench Type	1
6	Diagnostic Equipment Set, C	1
7	Dressing Set	1
8	Weighing Scale, Adult	1
9	Weighing Scale, Infant	1
10	Patient Screen	4

9. Kitchen and Laundry Equipment

No	ITEM	Q'TY
1	Washing Machine	1
2	Dryer	1
3	Trolley, Laundry	2
4	Ironing Machine	2
5	Trolley, Food	1
6	Refrigerator	1
7	Freezer	1

10. Hospital Plant

No	ITEM	Q'TY
1	Generator, Standby, for Theatre	1

8. Maternity Ward

No	ITEM	Q'TY
1	Hospital Bed	20
2	Baby Cot	10
3	Delivery Bed	2
4	Patient screen	4
5	Resuscitator, Manual, Adult	1
6	Resuscitator, Manual, Child	1
7	Suction Apparatus, Electric	1
8	Suction Apparatus, Foot Operated	1
9	Infant Warmer	1
10	Baby Incubator	1
11	Autoclave	1
12	Weighing Scale for Adult	1
13	Weighing Scale for Pediatric	1
14	Foetal Doppler	1
15	Ultrasound Scanner	1
16	Instrument Set, Delivery	2
17	X-Ray Film Viewer	1

No	ITEM	Q'TY
1	Ambulance	1
2	Motorcycle	1
3	Radio Call for Base Station	1
4	Radio Call for Ambulance	1

11. Transport and Communication Equipment

TORORO DISTRICT

Health Centre IV
Mukuju, Nagongera

Health Centre III
Panyangasi, Busaba, Butaleja, Kwapu,
Mevikit, Iyotwa, Kisoko, Kirawa

District Director of Health Service

Proposed Equipment Requirements for HC IV

No	ITEM	QTY
1	Radio Call for Station	1
2	Radio Call for Ambulance	1
3	Solar Electric System	1
4	Ambulance	1
5	Motorcycle	1
6	Diagnostic Equipment Set, C.O	1
7	Examination Couch	1
8	Patient Screen	1
9	Patient Stretcher	1
10	Instrument Set, Dressing	1
11	Dressing Set	1
12	Tray, Instruments	1
13	Trolley, Dispenser	1
14	Sterilizer	1
15	Microscope, Binocular	1
16	Centrifuge, Manual	1
17	Haemoglobinometer	1
18	ESR Apparatus	1
19	Hospital Bed	2
20	Pediatric Bed	1
21	Delivery Bed	1
22	Instrument Set, Delivery	1
23	Cupboard, Drug	1
24	Operating Table	1
25	Operating Light	1
26	EMO Inhaler	1
27	Resuscitator, Manual, Adult	1
28	Resuscitator, Manual, Infant	1
29	Suction Apparatus, Foot Operated	1
30	Instrument Set, Surgical	1
31	Instrument Set, Caesarian Section	1
32	Cupboard, Instruments	1
33	Trolley, Instruments	1
34	Ultrasound Equipment	1
35	Vacuum Extractor, Manual	1
36	Dental Chair	1
37	Instrument Set, Dental, Hand	1

Proposed Equipment Requirements for HC III

No	ITEM	QTY
1	Radio Call for Station	1
2	Solar Electric System	1
3	Motorcycle	1
4	Diagnostic Equipment Set, C.O	1
5	Instrument set, Dressing	1
6	Dressing Set	1
7	Weighing Scale, Adult	1
8	Weighing Scale, Infant	1
9	Delivery Bed	1
10	Instrument set, Delivery	1
11	Sterilize Set	1
12	Resuscitator, Manual, Infant	1
13	Resuscitator, Manual, Adult	1
14	Suction Apparatus, Foot Operated	1
15	Vacuum Extractor, Manual	1
16	Tray, Instruments	1
17	Trolley, Instruments	1
18	Cupboard, Instruments	1
19	Patient Screen	1
20	Microscope, Binocular	1
21	Centrifuge, Manual	1

Proposed Equipment Requirements for DDHS

No	ITEM	QTY
1	Motorcycle, Off Road 125cc	3
2	Facimile Machine	1

BUGIRI DISTRICT

Proposed Equipment Requirements for Bugiri District Hospital

1. Out Patient Department

No	ITEM	Q'TY
1	Autoclave, Bench Type	1
2	Diagnostic Equipment Set, C	2
3	Dressing set	2
4	ECG Recorder	1
5	ECG Monitor	1
6	Pulse Oximeter	1
7	Examination light	2
8	Operation, Light, Mobile	1
9	Operating Table	1
10	Resuscitator, Manual, Adult	1
11	Resuscitator, Manual, Child	1
12	Suction Apparatus, Electric	1
13	Suction Apparatus, Foot Operated	1
14	Weighing scale, Child	1
15	Weighing scale, Adult	1
16	Patient Screen	4
17	EMO inhaler	1
18	Examination couch	4
19	Orthopaedic Equipment Set	1
20	Filing Cabinet	2

2. Dental Department

No	ITEM	Q'TY
1	Dental Unit Complete	1
2	Instrument Set, Dental Surgery	1
4	Autoclave	1
5	Dental X-Ray	1
6	Dental Cabinet	1
7	Protective Mask	2

3. Laboratories and Blood Bank

No	ITEM	Q'TY
1	Autoclave, Portable	1
2	Balance Semi Analytical	1
3	Centrifuge, Electric	1
4	Colorimeter	1
5	Water Distiller	1
6	Flame Photometer	1
7	Haemoglobin meter	1
8	Hot Air Oven	1
9	Hot Plate	1
10	Incubator Culture	1
11	Microscope, Bench Type	2
12	VDRL Shaker	1
13	Water Bath	1
14	ESR Apparatus	1

4. Pharmacy

No	ITEM	Q'TY
1	Autoclave, IV	1
2	Balance Electronic	1
3	Balance Semi Analytical	1
4	Water Distiller	2
5	Refrigerator	1
6	Vacuum Filter Pump	1
7	Cap Sealing Machine	1
8	MRC Bottle, 0.5 L	500

5. Main Theatre

No	ITEM	Q'TY
1	Autoclave Dry Vac	1
2	Autoclave, Bench Type	1
3	Aneasthetic Machine	1
4	Defibrillator	1
5	Diagnostic Equipment Set, A	1
6	Pulse Oximeter	1
7	Electric Surgical Unit	1
8	EMO Inhaler Set	1
9	Dressing Set	1
10	Incision and Drainage Set	1
11	Tray, Instruments	2
12	Trolley, Instruments	2
13	Instrument Set, General Basic	1
14	Instrument Set, General Surgery	1
15	Instrument set, Caesarean	1
16	Instrument Set, Gyn & Obstetrics	1
17	Instrument Set, Orthopedic	1
18	Laparotomy set	2
19	Operation Light, Fixed	1
20	Operation Light, Mobile	1
21	Operating Table	1
22	Oxygen Concentrator	2
23	Resuscitator, Manual, Adult	1
24	Resuscitator, Manual, Child	1
25	Suction Apparatus, Electric	1
26	Suction Apparatus, Foot Operated	1



6. X-Ray and Imaging

No	ITEM	QTY
1	Ultrasound Unit	1
2	X-Ray Cassettes Set	1
3	X-Ray Darkroom Equipment Set	1
4	X-Ray Film Dryer	1
5	X-Ray Basic Bucky System	1
6	X-Ray Film Viewer	1
7	X-Ray Maker	1
8	Manual Film Processor	1

7. General Ward

No	ITEM	QTY
1	Hospital Bed	30
2	Paediatric Bed	20
3	Trolley, Dispenser	2
4	Drip stands	5
5	Autoclave	1
6	Diagnostic Equipmet Set, C	1
7	Dressing Set	1
8	Weighing Scale, Adult	1
9	Weighing Scale, Infant	1
10	Patient screen	4

8. Maternity Ward

No	ITEM	QTY
1	Hospital Bed	20
2	Baby Cot	10
3	Delivery Bed	2
4	Patient Screen	4
5	Resuscitator, Manual, Adult	1
6	Resuscitator, Manual, Child	1
7	Suction Apparatus, Electric	1
8	Suction Apparatus, Foot Operated	1
9	Infant Warmer	1
10	Baby Incubator	1
11	Autoclave	1
12	Trolley, Dispenser	1
13	Weighing Scale, Adult	1
14	Weighing Scale, Pediatric	1
15	Foetal Doppler	1
16	Ultrasound Scanner	1
17	Instrument Set, Delivery	2
18	X-Ray Film Viewer	1

9. Kichen and Laundry Equipment

No	ITEM	QTY
1	Washing Machine	1
2	Dryer	1
3	Trolley, Laundry	2
4	Ironing Machine	2
5	Trolley, Food	1
6	Refrigerator	1
7	Freezer	1

10. Hospital Plant

No	ITEM	QTY
1	Generator, Standby, for Theatre	1

11. Transport and Communication Equipment

No	ITEM	QTY
1	Ambulance	1
2	Motorcycle	1
3	Radio Call for Base Station	1
4	Radio Call for Ambulance	1

12. Other

No	ITEM	QTY
1	Howly Table	1
2	Louzing Lamp	1
3	Air Speed Machine	1

BUGIRI DISTRICT
Health Centre IV
Buyinja, Nankoma

Health Centre III
Kayango, Bulidha, Mutumba, Sigulu,
Bandaa, Bulugayi, Mutereve, Bulesa

District Director of Health Service

Proposed Equipment Requirements for HC IV

No	ITEM	QTY
1	Radio Call for Station	1
2	Radio Call for Ambulance	1
3	Solar Electric System	1
4	Ambulance	1
5	Motorcycle	1
6	Diagnostic Equipment Set. C.O	1
7	Examination Couch	1
8	Patient Screen	1
9	Patient Stretcher	1
10	Instrument Set, Dressing	1
11	Dressing Set	1
12	Tray, Instruments	1
13	Trolley, Dispenser	1
14	Sterilizer	1
15	Microscope, Binocular	1
16	Centrifuge, Manual	1
17	Haemoglobinometer	1
18	ESR Apparatus	2
19	Hospital Bed	1
20	Pediatric Bed	1
21	Delivery Bed	1
22	Instrument Set, Delivery	1
23	Cupboard, Drug	1
24	Operating Table	1
25	Operating Light	1
26	EMO Inhaler	1
27	Resuscitator, Manual, Adult	1
28	Resuscitator, Manual, Infant	1
29	Suction Apparatus, Foot Operated	1
30	Instrument Set, Surgical	1
31	Instrument Set, Caesarian Section	1
32	Cupboard, Instruments	1
33	Trolley, Instruments	1
34	Ultrasound Equipment	1
35	Vacuum Extractor, Manual	1
36	Dental Chair	1
37	Instrument Set, Dental, Hand	1

Proposed Equipment Requirements for HC III

No	ITEM	QTY
1	Radio Call for Station	1
2	Solar Electric System	1
3	Motorcycle	1
4	Diagnostic Equipment Set, C.O	1
5	Instrument set, Dressing	1
6	Dressing Set	1
7	Weighing Scale, Adult	1
8	Weighing Scale, Infant	1
9	Delivery Bed	1
10	Instrument set, Delivery	1
11	Sterilize Set	1
12	Resuscitator, Manual, Infant	1
13	Resuscitator, Manual, Adult	1
14	Suction Apparatus, Foot Operated	1
15	Vacuum Extractor, Manual	1
16	Tray, Instruments	1
17	Trolley, Instruments	1
18	Cupboard, Instruments	1
19	Patient Screen	1
20	Microscope, Binocular	1
21	Centrifuge, Manual	1

Proposed Equipment Requirements for DDHS

No	ITEM	QTY
1	Radio Call for Ambulance and Truck	1
2	Pickup Truck, W-Cabin, 4WD	1
3	Motorcycle, Off Road, 125cc	2
4	Motor Boat for 2 Islands	2

BUSIA DISTRICT
Proposed Equipment Requirements for Masafu Health Centre IV

1. Out Patients Department

No.	ITEM	Q'TY
1	Autoclave	1
2	Diagnostic Equipment Set, C	1
3	Dressing Set	1
4	ECG Recorder	1
5	Pulse Oximeter	1
6	Examination Light	1
7	Operation, Light, Mobile	1
8	Operating Table	1
9	Resuscitator, Manual, Adult	1
10	Resuscitator, Manual, Child	1
11	Suction Apparatus, Electric	1
12	Suction Apparatus, Foot Operated	1
13	Patient Screen	1
14	EMO Inhaler	1

3. Laboratories and Blood Bank

No.	ITEM	Q'TY
1	Autoclave, Portable	1
2	Balance Semi Analytical	1
3	Centrifuge, Electric	1
4	Colorimeter	1
5	Water Distiller	1
6	Haemoglobin Meter	1
7	Hot Air Oven	1
8	Incubator Culture	1
9	Microscope	1
10	Refrigerator	1
11	Refrigerator for Blood bank	1
12	VDR, shaker	1
13	Water Bath	1
14	ESR Apparatus	1

2. Dental Department

No.	ITEM	Q'TY
1	Dental Unit Complete	1
2	Instrument Set, Dental Surgery	1
3	Instrument Set, Dental, Hand	1
4	Autoclave	1
5	Dental X-Ray	1
6	Dental Cabinet	1
7	Protective Mask	1

4. General Ward

No.	ITEM	Q'TY
1	Hospital Bed	20

No.	ITEM	Q'TY
1	Ultrasound Unit	1
2	X-Ray Cassettes Set	1
3	X-Ray Darkroom Equipment Set	1
4	X-Ray Film Dryer	1
5	X-Ray Protective Clothing Set	1
6	X-Ray Basic Bucky System	1
7	X-Ray Film Viewer	1
8	X-Ray Maker	1
9	Manual Film Processor	1

6. Maternity Ward

No.	ITEM	Q'TY
1	Hospital Bed	10
2	Baby Cot	5
3	Delivery Bed	1
4	Patient Screen	1
5	Resuscitator, Manual, Adult	1
6	Resuscitator, Manual, Child	1
7	Suction Apparatus, Electric	1
8	Suction Apparatus, Foot Operated	1
9	Infant Warmer	1
10	Baby Incubator	1
11	Autoclave	1
12	Weighing Scale, Adult	1
13	Weighing Scale, Pediatric	1
14	Foetal Doppler	1
15	Ultrasound Scanner	1
16	Instrument Set, Delivery	1

7. Communication Equipment

No.	ITEM	Q'TY
1	Radio Call for Base Station	1
2	Radio Call for Ambulance	1

BUSIA DISTRICT
Health Centre IV
Busia

Health Centre III
Buteba, Lunyoo, Bubehe, Buhumbi,
Mbehenyi, Busitema

District Director of Health Service

Proposed Equipment Requirements for DDHS

No	ITEM	QTY
1	Radio Call for Station	1
2	Motorcycle, Off Road 125cc	1
3	Facsimile Machine	1

Proposed Equipment Requirements for HC III

No	ITEM	QTY
1	Radio Call for Station	1
2	Solar Electric System	1
3	Motorcycle	1
4	Diagnostic Equipment Set, C.O	1
5	Instrument set, Dressing.	1
6	Dressing Set	1
7	Weighing Scale, Adult	1
8	Weighing Scale, Infant	1
9	Delivery Bed	1
10	Instrument set, Delivery	1
11	Sterilize Set	1
12	Resuscitator, Manual, Infant	1
13	Resuscitator, Manual, Adult	1
14	Suction Apparatus, Foot Operated	1
15	Vacuum Extractor, Manual	1
16	Tray, Instruments	1
17	Trolley, Instruments	1
18	Cupboard, Instruments	1
19	Patient Screen	1
20	Microscope, Binocular	1
21	Centrifuge, Manual	1

Proposed Equipment Requirements for HC IV

No	ITEM	QTY
1	Radio Call for Station	1
2	Radio Call for Ambulance	1
3	Solar Electric System	1
4	Ambulance	1
5	Motorcycle	1
6	Diagnostic Equipment Set, C.O	1
7	Examination Couch	1
8	Patient Screen	1
9	Patient Stretcher	1
10	Instrument Set, Dressing	1
11	Dressing Set	1
12	Tray, Instruments	1
13	Trolley, Dispenser	1
14	Sterilizer	1
15	Microscope, Binocular	1
16	Centrifuge, Manual	1
17	Haemoglobinometer	1
18	ESR Apparatus	2
19	Hospital Bed	1
20	Pediatric Bed	1
21	Delivery Bed	1
22	Instrument Set, Delivery	1
23	Cupboard, Drug	1
24	Operating Table	1
25	Operating Light	1
26	EMO Inhaler	1
27	Resuscitator, Manual, Adult	1
28	Resuscitator, Manual, Infant	1
29	Suction Apparatus, Foot Operated	1
30	Instrument Set, Surgical	1
31	Instrument Set, Caesarian Section	1
32	Cupboard, Instruments	1
33	Trolley, Instruments	1
34	Ultrasound Equipment	1
35	Vacuum Extractor, Manual	1
36	Dental Chair	1
37	Instrument Set, Dental, Hand	1

Annex-4: Japan's Grant Aid Scheme

1. Grant Aid Procedure

1) Japan's Grant Aid Program is executed through the following procedures:

- Application (Request made by a recipient country)
- Study (Basic Design Study conducted by JICA)
- Appraisal & Approval (Appraisal by the Government of Japan and Approval by Cabinet)
- Determination of Implementation (The Notes exchanged between the Governments of Japan and the recipient country)

2) Firstly, the application or request for a Grant Aid project submitted by a recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to determine whether or not it is eligible for Grant Aid. If the request is deemed appropriate, the Government of Japan assigns JICA to conduct a study on the request. If necessary, JICA send a Preliminary Study Team to the recipient country to confirm the contents of the request.

Secondly, JICA conducts the study (Basic Design Study), using Japanese consulting firms.

Thirdly, the Government of Japan appraises the project to see whether or not it is suitable for Japan's Grant Aid Programme, based on the Basic Design Study report prepared by JICA, and the results are then submitted to the Cabinet for approval.

Fourthly, the project, once approved by the Cabinet, becomes official with the Exchange of Notes signed by the Governments of Japan and the recipient country.

Finally, for the implementation of the project, JICA assists the recipient country in such matters as preparing tenders, contracts and so on.

2. Basic Design Study

1) Contents of the Study

The aim of the Basic Design Study (hereinafter referred to as "the Study"), conducted by JICA on a requested project (hereinafter referred to as "the Project"), is to provide a basic document necessary for the appraisal of the Project by the Government of Japan. The contents of the Study are as follows:

- a) confirmation of the background, objectives and benefits of the Project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation;
- b) evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from the technical, social and economic points of view;
- c) confirmation of items agreed on by both parties concerning the basic concept of the Project;
- d) preparation of a basic design of the Project; and
- e) estimation of costs of the Project.

The contents of the original request are not necessarily approved in their initial form as the contents of the Grant Aid project. The Basic Design of the Project is confirmed considering the guidelines of Japan's Grant Aid Scheme.

The Government of Japan requests the Government of the recipient country to take whatever measures are necessary to ensure its self-reliance in the implementation of the Project. Such measures must be guaranteed even through they may fall outside of the jurisdiction of the organization in the recipient country actually implementing the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country through the Minutes of Discussions.

2) Selection of Consultants

For the smooth implementation of the Study, JICA uses a consulting firm selected through its own procedure (competitive proposal). The selected firm participates the Study and prepares a report based upon the terms of reference set by JICA.

At the beginning of implementation after the Exchange of Notes, for the services of the Detailed Design and Construction Supervision of the Project, JICA recommends the same consulting firm which participated in the Study to the recipient country, in order to maintain the technical consistency between the Basic Design and Detailed Design as well as to avoid any undue delay caused by the selection of a new consulting firm.

3. Japan's Grant Aid Scheme

1) What is Grant Aid?

The Grant Aid Program provides a recipient country with non-reimbursable funds to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) for economic and social development of the country under principles in accordance with the relevant laws and regulations of Japan. Grant Aid is not supplied through the donation of materials as such.

2) Exchange of Notes (E/N)

Japan's Grant Aid is extended in accordance with the Notes exchanged by the two Governments concerned, in which the objectives of the project, period of execution, conditions and amount of the Grant Aid, etc., are confirmed.

3) "The period of the Grant" means the one fiscal year which the Cabinet approves the project for. Within the fiscal year, all procedure such as exchanging of the Notes, concluding contracts with consulting firms and contractors and final payment to them must be completed.

However, in case of delays in delivery, installation or construction due to unforeseen factors such as weather, the period of the Grant Aid can be further extended for a maximum of one fiscal year at most by mutual agreement between the two Governments.

4) Under the Grant, in principle, Japanese products and services including transport or those of the recipient country are to be purchased.

When the two Governments deem it necessary, the Grant Aid may be used for the purchase of the products or services of a third country.

However, the prime contractors, namely consulting, contracting and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means persons of Japanese nationality or Japanese corporations controlled by persons of Japanese nationality.)

5) Necessity of "Verification"

The Government of the recipient country or its designated authority will conclude contracts denominated in Japanese yen with Japanese nationals. Those contracts shall be verified by the Government of Japan. This "Verification" is deemed necessary to secure accountability of Japanese taxpayers.

6) Undertakings required to the Government of the recipient country

- a) to secure a lot of land necessary for the construction of the Project and to clear the site;
- b) to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities outside the site;
- c) to ensure prompt unloading and customs clearance at ports of disembarkation in the recipient country and internal transportation therein of the products purchased under the Grant Aid;
- d) to exempt Japanese nationals from customs duties, internal taxes and fiscal levies which may be imposed in the recipient country with respect to the supply of the products and services under the verified contracts;
- e) to accord Japanese nationals whose services may be required in connection with the supply of the products and services under the verified contracts such as facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work;
- f) to ensure that the facilities constructed and products purchased under the Grant Aid be maintained and used properly and effectively for the Project; and
- g) to bear all the expenses, other than those covered by the Grant Aid, necessary for the Project.

7) "Proper Use"

The recipient country is required to maintain and use the facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign the necessary staff for operation and maintenance of them as well as to bear all the expenses other than those covered by the Grant Aid.

8) "Re-export"

The products purchased under the Grant Aid shall not be re-exported from the recipient country.

9) Banking Arrangement (B/A)

- a) The Government of the recipient country or its designated authority should open an account in the name of the Government of the recipient country in an authorized foreign exchange bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by the Government of the recipient country or its designated authority under the verified contracts.
- b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an Authorization to Pay (A/P) issued by the Government of recipient country or its designated authority.

Annex-5: Major Undertakings to be taken by Each Government

No	Items	To be covered by Grant Aid	To be covered by Recipient side
1	To secure land		•
2	To clear, level and reclaim the site when needed		•
3	To construct gates and fences in and around the site		•
4	To construct the parking lot	•	
5	To construct roads		
5.1	Within the site	•	
5.2	Outside the site		•
6	To construct the building	•	
7	To provide facilities for the distribution of electricity, water supply, drainage and other incidental facilities		
7.1	Electricity		
7.1 (a)	The distributing line to the site		•
7.1 (b)	The drop wiring and internal wiring within the site	•	
7.1 (c)	The main circuit breaker and transformer	•	
7.2	Water supply		
7.2 (a)	The city water distribution main to the site		•
7.2 (b)	The supply system within the site (receiving and/or elevated tanks)	•	
7.3	Drainage		
7.3 (a)	The city drainage main (for storm, sewer and others) to the site		•
7.3 (b)	The drainage system (for toilet sewer, ordinary waste, storm drainage and others) within the site	•	
7.4	Gas supply		
7.4 (a)	The city gas main to the site		•
7.4 (b)	The gas supply system within the site	•	
7.5	Telephone system		
7.5 (a)	The telephone trunk line to the main distribution frame / panel (MDF) of the building		•
7.5 (b)	The MDF and the extension after the frame / panel	•	
7.6	Furniture and equipment		
7.6 (a)	General furniture		•
7.6 (b)	Project equipment	•	
8	To bear the following commissions to a bank of Japan for the banking services based upon the Banking Arrangement (B/A)		
8.1	Advising commission of Authorization to Pay (A/P)		•
8.2	Payment commission		•
9	To ensure prompt unloading and customs clearance at the port of disembarkation in recipient country		
9.1	Marine(Air) transportation of the products from Japan to the recipient country	•	
9.2	Tax exemption and customs clearance of the products at the port of disembarkation		•
9.3	Internal transportation from the port of disembarkation to the project site	(•)	(•)

10	To accord Japanese nationals whose services may be required in connection with the supply of the products and the services under the verified contract such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work		
11	To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the supply of the products and services under the verified contract		
12	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant Aid		
13	To bear all the expenses, other than those to be borne by the Grant Aid, necessary for construction of the facilities as well as for the transportation and installation of the equipment		

Annex-6: Selection Criteria of the Targeted Equipment

1. Higher Priority

The targeted equipment of higher priority is shown as follows.

- Equipment operated by the staff members who have been well-trained for the operation of the equipment and enough clinical experiences
- Essential equipment for the basic health care service provided at the health unit
- Appropriate equipment suitable for the technical level of the health unit from the view point of the referral system establishment
- More highly cost-effective equipment from the standpoint of operation, maintenance and hospital management
- Equipment required replacement because of being too old for use in daily health care service
- Insufficient quantity of equipment to provide the daily health care service at the health unit

2. Lower Priority

The targeted equipment of lower priority is shown as follows.

- Equipment which needs difficult installation due to the lack of suitable facility
- Equipment that are already procured by District Health Services Project and/or Aid agency
- Equipment needs unaffordable cost for operation and maintenance
- Required non-available spare parts, consumable and reagent in Uganda
- Equipment that may cause an environmental pollution
- Equipment required more quantity than necessary at the health unit
- Equipment for most likely personal use by staff members like computers, motorcycles, etc.

MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT FOR THE REHABILITATION
OF HEALTH FACILITIES AND SUPPLY OF MEDICAL EQUIPMENT
IN MBALE, TORORO, BUGIRI AND BUSIA DISTRICTS
IN THE REPUBLIC OF UGANDA

Based on the results of the Preparatory Study, the Government of Japan decided to conduct a Basic Design Study on the Project for the Rehabilitation of Health Facilities and Supply of Medical Equipment in Mbale, Tororo, Bugiri and Busia Districts (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to the Republic of Uganda (hereinafter referred to as "Uganda") the Basic Design Study Team (hereinafter referred to as "the Team"), which is headed by Mr. Jiro Inamura, Deputy Resident Representative, JICA Kenya Office, and is scheduled to stay in the country from January 24 to February 24, 2005.

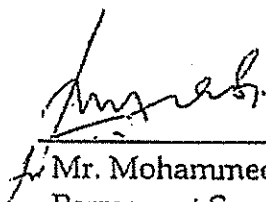
The Team held discussions with the officials concerned of the Government of Uganda and conducted a field survey at the study area.

In the course of discussions and field survey, both parties have confirmed the main items described on the attached sheets. The Team will proceed to further work and prepare the Basic Design Study Report.

Kampala, February 14, 2005



Mr. Jiro INAMURA
Leader
Basic Design Study Team
Japan International Cooperation Agency



Mr. Mohammed S. KEZAALA
Permanent Secretary
Ministry of Health
The Republic of Uganda

ATTACHMENT

1. Objective of the Project

The objective of the Project is to improve the quality of the medical and health care services in the hospitals and Health Centers (hereinafter referred to as "the HCs") in Mbale, Tororo, Bugiri and Busia Districts in the Republic of Uganda through construction and/or rehabilitation of facilities and procurement and installation of equipment.

2. Project Sites

The sites of the Project are Mbale, Tororo, Bugiri and Busia Districts in Uganda showed in Annex-1.

3. Responsible and Implementing Agency

3-1. The Responsible Agency is the Ministry of Health, the Government of Uganda.

3-2. The Implementing Agency is the Health Infrastructure Division, the Department of Clinical Services, the Ministry of Health, the Government of Uganda.

4. Items Requested by the Government of Uganda

After discussions with the Team, the following items were finally requested by the Ugandan side. JICA will assess the appropriateness of the request and will recommend to the Government of Japan for approval.

(1) Construction and Rehabilitation of the Facilities

Details of items are listed in Annex-2 and classified as Japanese side of the works.

(2) Procurement of the Equipment

Details of items are listed in Annex-3.

5. Japan's Grant Aid Scheme

The Ugandan side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Uganda as explained by the Team and described in Annex-4 and Annex-5 of the Minutes of Discussions signed by both parties on September 22, 2004.

6. Schedule of the Study

6-1. The consultants will proceed to further studies in Uganda until February 24, 2005.

6-2. JICA will prepare the draft report in English and dispatch a mission on the Draft Final Report Explanation Study in order to explain its contents in May 2005.

6-3. In case that the contents of the report are accepted in principle by the Government of Uganda, JICA will complete the final report (the Basic Design Study Report) and send it to the Government of Uganda by the end of September 2005.



7. Other Relevant Issues

7-1. Budgets for Operation and Maintenance of Targeted Facilities and Equipment

The Ugandan side has agreed to secure and allocate enough funds to demolish the existing facilities, implement the Project, and operate and maintain the constructed and/or rehabilitated facilities and procured equipment by the Project properly and effectively.

7-2. Staff Recruitment and Capacity Building

The Ugandan side has agreed to promote the staff recruitment and capacity building for the effective use of the constructed and/or rehabilitated facilities and procured equipment by the Project. The schedule of the following staff recruitment and allocation shall collaborate with the schedule of the Project implementation, which will be proposed by the Japanese side until the Draft Final Report Explanation Study in May 2005.

Especially, the staff mentioned below shall be recruited, trained and allocated six months prior to the handing-over of each facility.

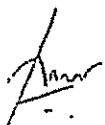
- Medical Officer
- Dental Surgeon
- Registered Nurse
- Radiographer
- Artisan (Electrician, Plumber, Carpenter, etc.)

7-3. Selection of the Targeted Facilities

After close examination of the related hospitals and Masafu HC-4, both sides have confirmed necessary works for the rehabilitation of these hospitals and the HC, and mutually agreed to classify these works into Japanese side works and Ugandan side works as shown in Annex-2.

During the examination, the following items were requested additionally by the Ugandan side. The Japanese side agreed to take the additional requests to Japan for the further study. The response on the additional requests shall be presented at the time of the Draft Final Report Explanation Study in May 2005.

- (1) Re-modeling of a maternity ward including operation theatre for obstetrics of Mbale Regional Referral Hospital
- (2) Re-modeling of roof of connecting passageway (between X-ray unit and ward) of Mbale Regional Referral Hospital
- (3) Replacement of generator and G-circuit of Mbale Regional Referral Hospital
- (4) Re-modeling of WC unit for 4 wards (maternity, female, paediatric, male) of Bududa General Hospital
- (5) Re-modeling of male ward of Tororo General Hospital
- (6) Re-modeling of connecting passageway of Tororo General Hospital
- (7) Re-modeling of WC unit for 4 wards (maternity, female, paediatric, male) + OPD of Busolwe General Hospital
- (8) Re-modeling of WC unit for 4 wards (maternity, female, paediatric, male) + OPD of Bugiri General Hospital



- (9) Re-modeling of paediatric ward of Masafu HC-4 in view of upgrading it to the General Hospital in Busia District
- (10) Construction of connecting passageway of Masafu HC-4
- (11) Construction and installation of elevated water tank and water supply line of Masafu HC-4
- (12) Renovation of sewage system (septic tank & soak pit) of Masafu HC-4
- (13) Renovation of electric system including generator and G-circuit of Masafu HC-4

7-4. Selection of the Targeted Equipment

Both sides have agreed that a detailed survey be carried out by the Ministry of Health and the Team up to February 24, 2005, and prepare an addendum on equipment to be signed by February 24, 2005. The addendum will be Annex-3 of these minutes.

7-5. Request for Consultant Services

The Ugandan side requested the consultant services for the following issues as one of the components of the Grant Aid.

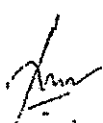
- (1) Basic facility maintenance in the targeted hospitals and HCs (including sanitary guidance)
- (2) Operation and maintenance of the procured equipment

7-6. Collaboration with Technical Cooperation

Both sides have confirmed that the implementation of the Project in collaboration with the newly approved Project-type Technical Cooperation Project named "Improvement of Health Infrastructure Development and Management in Uganda" (hereinafter referred to as "the PTCP") is quite effective. Both sides have agreed to start considering the detailed activities and methods to collaborate with the PTCP.

Annex-1: Sites Map

- 2: Targeted Facilities and Demarcation of Obligations
- 3: Requested Equipment



Targeted Facilities and Demarcation of Obligations

Hospital	Side	Category	Item	
Mbale RRH	Japanese Side	Hospital Facilities	Operation Theatre	
			X-Ray Unit	
			Maternity Ward including Operation Theatre for Obstetrics	
			Roof of Connecting Passageway (between X-Ray unit and Ward)	
	Ugandan Side		Generator and G-circuit	
			Demolition of Related Buildings	
			Renovation of WC	
Bududa GH	Japanese Side	Hospital Facilities	Administration	
			Outpatient Dept. including X-Ray, Casualty Unit & Child Health Centre	
			Delivery Unit of Maternity Ward	
			Operation Theatre and its Connecting Passageway	
			WC Unit for 4 Wards (Maternity, Female, Paediatric, Male)	
			Mortuary	
		Residence for Staff	Staff Houses	
		Infrastructure	Water and Sewage Line for Related Facilities	
			Booster Pump and Water Filter	
	Ugandan Side		Demolition of Related Buildings	
		Renovation of Laundry and Kitchen		
		Upgrading of Transformer		
Tororo GH	Japanese Side	Hospital Facilities	Operation Theatre	
			Outpatient Dept. including X-Ray and Casualty Unit	
			Delivery Unit of Maternity Ward	
			Female Ward	
			Male Ward	
			Connecting Passageway	
			Laundry/Store	
			Mortuary	
		Residence for Staff	Staff Houses	
		Infrastructure	Related Sewage System for Facilities	
Ugandan Side		Demolition of Related Buildings		
		Upgrading of Transformer		
		Connection to the City Sewage Line		
Busolwe GH	Japanese Side	Hospital Facilities	WC Unit for 4 Wards (Maternity, Female, Paediatric, Male) + OPD	
			Renovation of Roofs and Ceilings	
			Renovation of Elevated Water Tank	
			Infrastructure	Water Supply and Sewage Line of Ward Block
				Generator and G-circuit
	Ugandan Side		Renovation of Existing WC Unit for 4 Wards	
		Demolition of Latrines		
		Upgrading of Transformer		
Bugiri GH	Japanese Side	Hospital Facilities	WC Unit for 4 Wards (Maternity, Female, Paediatric, Male) + OPD	
			Renovation of Roofs and Ceilings	
			Renovation of Elevated Water Tank	
			Water Supply and Sewage Line of Ward Block	
			Infrastructure	Pump for Drainage of Rain Water
				Generator and G-circuit
	Ugandan Side		Renovation of Existing WC Unit for 4 Wards	
		Demolition of Latrines		
		Upgrading of Transformer		
Masafu HC-4	Japanese Side	Hospital Facilities	Outpatient Dept. including X-Ray and Casualty Unit	
			Maternity Ward	
			Male Ward	
			Paediatric Ward	
			Connecting Passageway	
			Mortuary	
			Infrastructure	Elevated Water Tank and Water Supply Line
				Sewage System (Septic Tank & Soak Pit)
				Electric System including Generator and G-circuit
Ugandan Side		Laundry (Existing Male Ward)		
		Renovation of Other Existing Buildings		
		Water Supply from Municipal Well		
		Supply of Electricity (3 Phases) and Installation of Transformer		

Additional Request

Annex 2

NO.	DEPARTMENT	EQUIPMENT REQUIRED
For Mbale Regional Referral Hospital		
1	Ophthalmology	A and B Scan Biometer Ophthalmic Fundus Camera Auto Refractometer Nd:Yag Laser unit Perimeter Calanet Set Pulse Tonometer Phacoemulsification Machine
2	ENT Surgery	Carbon Dioxide Laser system for ENT/Head and Neck surgery Fiber optic Rhino-pharyngo-Laryngo Esophagoscope Polysomnography laboratory for upper airway observation and snoring studies Consisting of <ul style="list-style-type: none"> • Rhinometer • Pulse Oximeter • EEG • ECG • Sound level meter • Audio visual recorder Laryngeal Stroboscope Equipment ENT Operating Microscope Auditory Brainstem Response Audiometer
3	Orthopaedic Surgery	C-Arm Laminectomy Set (Spinal) Pedicel Screw Set (Spinal) Herrington Rods and Instrumentation Set (Complete) Arthroscopy Set complete with accessories (Light Source, Camera, Scopes) Orthopaedic Traction Bed
For Mbale Regional Referral Hospital and General Hospitals		
4	Anaesthesia	Boyles Machine and Halothane ECG Monitor (2) Pulse oximeter (2) Laryngoscope (3) Suction machine (2)
For HC IV and III		
5	HC IV	Theatre Equipment Blood Bank (Fridge) Generator Set
6	HC III	Equipment not available in local market

Requested Equipment

Annex-3

	Mhale Regional Referral Hospital						
	Total	Out Patient Dept.	Main Theatre	Maternity Theater	X-ray and Imaging	Dental	Transportation
1 Operating Table	1	1					
2 Operation Light, Mobile	1	1					
3 Patient Stretcher	2	2					
4 Suction Apparatus, Electric	1	1					
5 Tray, Instruments	2	2					
6 Trolley, Instruments	1	1					
7 Trolley, Medicine	2	2					
8 X-ray Unit, Mobile	1	1					
1 Autoclave Dry Vac	1		1				
2 ECG Monitor	1		1				
3 Trolley, Instruments	1		1				
4 Instrument set, General Surgery	2		2				
5 Instrument set, Orthopaedic	2		2				
6 Instrument set, Anaesthesia, Adult	2		2				
7 Instrument set, Anaesthesia, Paediatric	2		2				
8 Instrument set, Surgical, Paediatric	2		2				
9 Instrument Cupboard	1		1				
10 Operation Light, Fixed	1		1				
11 Operation Light, Mobile	1		1				
12 Operating Table	1		1				
13 Oxygen Concentrator	1		1				
14 Suction Apparatus, Electric	2		2				
15 Anaesthesia unit	1		1				
16 Electro Surgical Unit			1				
1 Instrument set, Gyn and Obstetrics	2			2			
2 Instrument set, Anaesthesia, Adult	2			2			
3 Instrument Cupboard	1			1			
4 Operation Light, Fixed	1			1			
5 Operation Light, Mobile	1			1			
6 Operating Table	1			1			
7 Oxygen Concentrator	1			1			
8 Suction Apparatus, Electric	1			1			
9 Ultrasound Unit, Portable	1			1			
1 Ultrasound Unit	1				1		
2 X-ray Cassettes Set	1				1		
3 X-ray Protective Clothing Set	1				1		
4 X-ray Unit, Fluoroscopy Unit	1				1		
5 X-ray Unit, Basic Buckey System	1				1		
6 X-ray Film Viewer	1				1		
7 Film Processor	1				1		
1 Dental Unit Complete						1	
2 Dental X-ray Unit						1	
1 Ambulance							1

Requested Equipment

Annex-3

	Bududa General Hospital										Tororo General Hospital									
	Total	Out Patient Department	Dental Department	Laboratories and Blood Bank	Pharmacy	Main Theatre X-ray and Imaging	General Ward	Maternity Ward	Transport and Communication	Total	Out Patient Department	Dental Department	Laboratories and Blood Bank	Pharmacy	Main Theatre X-ray and Imaging	General Ward	Maternity Ward	Transport and Communication		
1 Autoclave, Bench Type	1	1								1	1									
2 Diagnostic Equipment Set, C	2	2								2	2									
3 Dressing Set	2	2								2	2									
4 ECG Recorder	1	1								1	1									
5 Examination Light	2	2								2	2									
6 Operating Table	1	1								1	1									
7 Operation Light, Mobile	1	1								1	1									
8 Suction Apparatus, Electric	1	1								1	1									
1 Autoclave, Bench Type	1		1							1		1								
2 Dental Unit Complete	1		1							1		1								
3 Dental X-ray	1		1							1		1								
1 Autoclave, Portable	1			1						1			1							
2 Balance Semi Analytical	1			1						1			1							
3 Centrifuge, Electric	1			1						1			1							
4 Colorimeter	1			1						1			1							
5 Hot Air Oven	1			1						1			1							
6 Microscope, Binocular	1			1						1			1							
7 Refrigerator	1			1						1			1							
8 Water Distiller	1			1						1			1							
1 Refrigerator	1				1					1				1						
1 Autoclave Dry Vac	1					1				1				1						
2 ECG Monitor	1					1				1				1						
3 Instrument Set, Caesarian	1					1				1				1						
4 Instrument Set, General Basic	1					1				1				1						
5 Instrument Set, General Surgery	1					1				1				1						
6 Instrument Set, Gyn & Obstetrics	1					1				1				1						
7 Instrument Set, Orthopedic	1					1				1				1						
8 Operating Table	1					1				1				1						
9 Operation Light, Fixed	1					1				1				1						
10 Operation Light, Mobile	1					1				1				1						
11 Oxygen Concentrator	1					1				1				1						
12 Suction Apparatus, Electric	2					2				2				2						
13 Trolley, Instruments	2					2				2				2						
14 Tray, Instruments	2					2				2				2						

Requested Equipment

Annex-3

	Bududa General Hospital								Teroro General Hospital												
	Total	Out Patient	Dental	Department Laboratories and Blood Bank	Pharmacy	Main Theatre	X-ray and Imaging	General Ward	Maternity Ward	Transport and Communication	Total	Out Patient	Dental	Department Laboratories and Blood Bank	Pharmacy	Main Theatre	X-ray and Imaging	General Ward	Maternity Ward	Transport and Communication	
1 X-ray Cassette Set	1						1				1						1				
2 X-ray Protective Clothing Set	1						1				1						1				
3 X-ray Basic Bucky System	1						1				1						1				
4 X-ray Film Viewer	1						1				1						1				
1 Autoclave, Bench Type	1							1			1								1		
2 Diagnostic Equipment Set, C	2							2			2								2		
3 Dressing Set	2							2			2								2		
4 Weighing Scale, Adult	1							1			1								1		
5 Weighing Scale, Infant	1							1			1								1		
6 Wheel Chair	1							1			1								1		
7 X-ray Film Viewer	1							1			1								1		
1 Autoclave, Bench Type	1								1		1									1	
2 Baby Incubator	2								2		2									2	
3 Delivery Bed	2								2		2									2	
4 Infant Warmer	2								2		2									2	
5 Instrument Set, Delivery	2								2		2									2	
6 Suction Apparatus, Electric	1								1		1									1	
7 Ultrasound Unit, Portable	1								1		1									1	
8 Weighing Scale, Adult	1								1		1									1	
9 Weighing Scale, Pediatric	1								1		1									1	
10 X-ray Film Viewer	1								1		1									1	
1 Ambulance	1									1	1										1

Requested Equipment

Annex-3

	Busolwe Hospital										Dugiri Hospital								Masafu HC4
	Total	Out Patient Department	Dental	Department Laboratories and Blood Bank	Pharmacy	Main Theatre X-ray and Imaging	General Ward	Maternity Ward	Transport and Communication	Total	Out Patient Department	Dental	Department Laboratories and Blood Bank	Pharmacy	Main Theatre X-ray and Imaging	General Ward	Maternity Ward	Transport and Communication	
1 Autoclave, Bench Type	1	1								1	1								1
2 Diagnostic Equipment Set, C	2	2								2	2								2
3 Dressing Set	2	2								2	2								2
4 ECG Recorder	1	1								1	1								1
5 Examination Light	2	2								2	2								2
6 Operation Light, Mobile	1	1								1	1								1
7 Operating Table	1	1								1	1								1
8 Suction Apparatus, Electric	1	1								1	1								1
1 Autoclave, Bench Type	1		1							1		1							1
2 Dental Unit Complete	1		1							1		1							1
3 Dental X-ray	1		1							1		1							1
1 Autoclave, Portable	1			1						1			1						1
2 Balance Semi Analytical	1			1						1			1						1
3 Centrifuge, Electric	1			1						1			1						1
4 Colorimeter	1			1						1			1						1
5 Hot Air Oven	1			1						1			1						1
6 Microscope, Binocular	1			1						1			1						1
7 Refrigerator	1			1						1			1						1
8 Water Distiller	1			1						1			1						1
1 Refrigerator	1				1					1				1					1
1 Autoclave Dry Vac	1					1				1					1				1
2 ECG Monitor	1					1				1					1				1
3 Instrument Set, Caesarian	1					1				1					1				1
4 Instrument Set, General Basic	1					1				1					1				1
5 Instrument Set, General Surgery	1					1				1					1				1
6 Instrument Set, Gyn & Obstetrics	1					1				1					1				1
7 Instrument Set, Orthopaedic	1					1				1					1				1
8 Operating Table	1					1				1					1				1
9 Operation Light, Fixed	1					1				1					1				1
10 Operation Light, Mobile	1					1				1					1				1
11 Oxygen Concentrator	1					1				1					1				1
12 Suction Apparatus, Electric	2					2				2					2				1
13 Trolley, Instruments	2					2				2					2				2
14 Tray, Instruments	2					2				2					2				2

Requested Equipment

Annex-3

	Busolve Hospital								Bugiri Hospital								Masafi HCA				
	Total	Out Patient Department	Dental	Department Laboratories and Blood Bank	Pharmacy	Main Theatre	X-ray and Imaging	General Ward	Maternity Ward	Transport and Communication	Total	Out Patient Department	Dental	Department Laboratories and Blood Bank	Pharmacy	Main Theatre		X-ray and Imaging	General Ward	Maternity Ward	Transport and Communication
1 X-ray Cassette Set	1						1			1							1				1
2 X-ray Protective Clothing Set	1						1			1							1				1
3 X-ray Basic Bucky System	1						1			1							1				1
4 X-ray Film Viewer	1						1			1							1				1
1 Autoclave, Bench Type	1							1		1								1			1
2 Diagnostic Equipment Set, C	2							2		2								2			2
3 Dressing Set	2							2		2								2			2
4 Weighing Scale, Adult	1							1		1								1			1
5 Weighing Scale, Infant	1							1		1								1			1
6 Wheel Chair	1							1		1								1			1
7 X-ray Film Viewer	1							1		1								1			1
1 Autoclave, Bench Type	1								1	1									1		1
2 Baby Incubator	2								2	2									2		2
3 Delivery Bed	2								2	2									2		2
4 Infant Warmer	2								2	2									2		2
5 Instrument Set, Delivery	2								2	2									2		2
6 Suction Apparatus, Electric	1								1	1									1		1
7 Ultrasound Unit, Portable	1								1	1									1		1
8 Weighing Scale, Adult	1								1	1									1		1
9 Weighing Scale, Pediatric	1								1	1									1		1
10 X-ray Film Viewer	1								1	1									1		1
11 Ambulance	1								1	1									1		1

Requested Equipment

Annex-3

Health Centre IV		Bugobero	Busiu	Mukuju	Nagongera	Buyinja	Nankoma	Busia	Total
1	Instrument Set, Caesarian Section			1			1	1	3
2	Instrument Set, Surgical			1			1	1	3
3	Motorcycle	1	1	1	1	1	1	1	7
4	Operating Table	1		1			1	1	4
5	Operation Light, Mobile	1		1			1	1	4
6	Patient Stretcher			1			1	1	3
7	Sterilizer, Electric, Vertical			1			1	1	3
8	Suction Apparatus, Electric			1			1	1	3
9	Tray, Instruments			1			1	1	3
10	Trolley, Instruments			1			1	1	3
11	Ultrasound Unit	1	1	1	1	1	1	1	7
Additional Request									
1	Generator			1		1	1	1	4
2	Refrigerator, Blood bank	1		1		1	1	1	5

Requested Equipment

Health Centre III		Bumwoni	Bupoto	Bubutu	Btru	Busano	Nakaleke	Bukigai	Namakwekwe	Panyangasi	Busaba	Butaleja	Kwapa	Merikit	Iyolwa	Kisoko	Kirawa	Kayanggo	Bulidha	Mulumba	Sigiliu	Banda	Buluguyi	Mutere	Bulesa	Buteba	Lunyo	Buthehe	Bulumbi	Mbehanyi	Bustema	Total
1	Delivery Bed	1	1						1								1			1	1	1										8
2	Diagnostic Equipment Set, C.O.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
3	Instrument Set, Delivery	1	1						1									1		1	1	1									8	
4	Motorcycle	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29	
5	Solar Electric System	1	1			1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	
6	Tray, Instruments	1	1						1									1		1	1	1									8	
7	Trolley, Instruments	1	1						1									1		1	1	1									8	
8	Weighing Scale, Adult	1	1						1									1		1	1	1									8	
9	Weighing Scale, Infant	1	1						1									1		1	1	1									8	

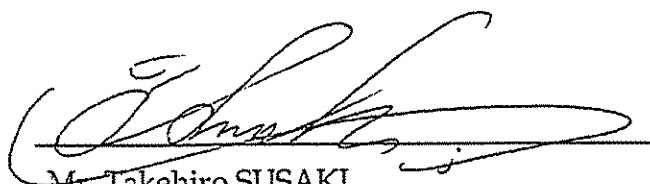
MINUTES OF DISCUSSIONS
ON BASIC DESIGN STUDY ON THE PROJECT FOR THE REHABILITATION
OF HEALTH FACILITIES AND SUPPLY OF MEDICAL EQUIPMENT
IN MBALE, TORORO, BUGIRI AND BUSIA DISTRICTS
IN THE REPUBLIC OF UGANDA
(EXPLANATION ON DRAFT REPORT)

In January and February, 2005, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study Team on the Project for the Rehabilitation of Health Facilities and Supply of Medical Equipment in Mbale, Tororo, Bugiri and Busia Districts (hereinafter referred to as "the Project") to the Republic of Uganda (hereinafter referred to as "Uganda"), and through discussion, field survey, and technical examination of the results in Japan, JICA prepared a draft report of the study.

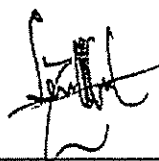
In order to explain and to consult the Ugandan Team on the components of the draft report, JICA sent to Uganda the Draft Report Explanation Team (hereinafter referred to as "the Team"), which is headed by Mr. Takehiro Susaki, Resident Representative of JICA/JOCV Uganda Office, from May 25 to June 4, 2005.

As a result of discussions and field visits, both sides confirmed the main items described on the attached sheets.

Kampala, June 2, 2005



Mr. Takehiro SUSAKI
Leader
Draft Report Explanation Team
Japan International Cooperation Agency



Mr. Mohammed S. KEZAALA
Permanent Secretary
Ministry of Health
The Republic of Uganda

ATTACHMENT

1. Components of the Draft Report

The Government of Uganda agreed and accepted in principle the components of the Basic Design Study Draft Report explained by the Team.

2. Japan's Grant Aid Scheme

The Ugandan side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Uganda as explained by the Team and described in Annex-4 and Annex-5 of the Minutes of Discussions signed by both sides on September 22, 2004.

3. Schedule of the Study

JICA will complete the final report in accordance with the confirmed items and send it to the Government of Uganda by the end of September 2005.

4. Other Relevant Issues

4-1. Selection of the Targeted Facilities and Equipment

Through the technical examination of the Basic Design Study, the Japanese side presented the lists of facilities and equipment planned to be targeted out of the requested facilities and equipment confirmed in Annex-2 and Annex-3 of the Minutes of Discussions signed by both sides on February 14, 2005.

As a result of discussions and field visits, both sides have finally agreed, with consideration of priorities, effectiveness, relevance and efficiency, that the targeted facilities (shown in Annex-1) and equipment (shown in Annex-2A,B) should be selected under the Project. Both sides have also agreed to classify appropriate plan of action for the obligations for the Japanese and Ugandan sides shown in Annex-1.

4-2. Schedule of the Project Implementation

Both sides have agreed on the tentative schedule of the Project implementation after the Exchange of Notes shown in Annex-3.

4-3. Budgets/Funds to be Secured and Allocated

The Ugandan side has agreed to secure and allocate enough budgets/funds to demolish the existing facilities, implement the Project, and operate and maintain the constructed and/or rehabilitated facilities and procured equipment by the Project properly and effectively.

4-4. Staff Recruitment and Capacity Building

The Ugandan side has agreed to promote the staff recruitment and capacity building for the effective use of the constructed and/or rehabilitated facilities and procured equipment by the Project. The schedule of staff recruitment and allocation shall collaborate with the schedule of the Project implementation.



4-5. Collaboration with Technical Cooperation

It is expected that the technical collaboration through the Project-type Technical Assistance named "the Improvement of Health Infrastructure Development and Management in Uganda" would complement and strengthen the management and maintenance aspects related to the Project.

Annex-1: Targeted Facilities

2: Targeted Equipment

3: Tentative Schedule

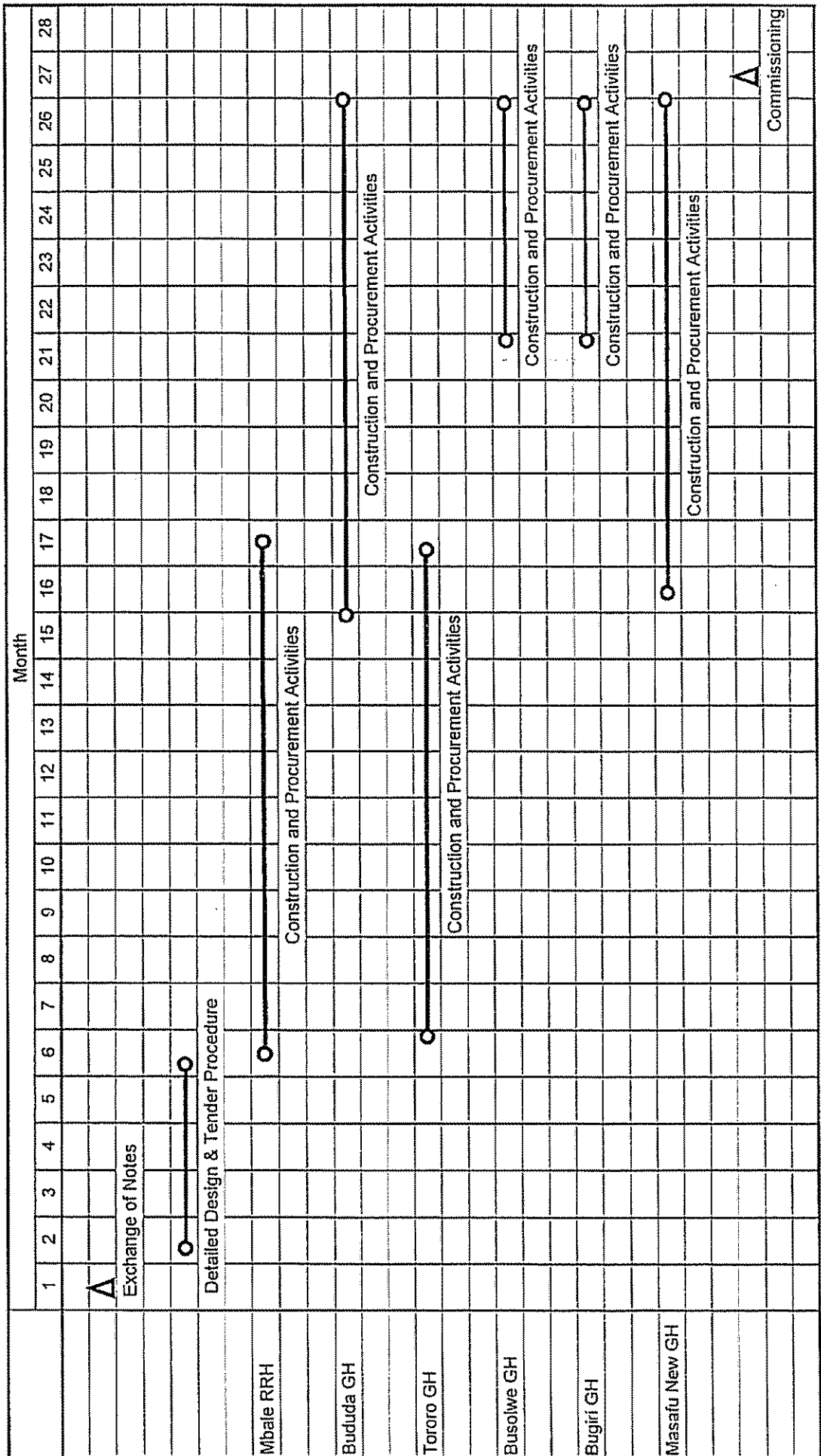
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Targeted Facilities

Hospital	Side	Item
Mbale RRH	Japanese side	Operation Theatre
		X-Ray Unit
		Maternity Ward & Delivery Unit
		Operation Theatre for Obstetrics
		Renovation of Roof of Connecting passageway (between X-Ray unit and the Ward)
		Connecting passageway (for Related Facilities)
	Ugandan Side	Electricity, Water and Sewage Line for related facilities
		Demolition of Existing X-Ray unit prior to the construction of New X-ray unit (Feb. 2006)
		Ground levelling (Feb, 2006)
		Upgrading of Transformer (around Nov, 2006)
Bududa GH	Japanese side	Partial Renovation of Existing OT (Orthopaedic) (around Dec, 2006)
		Demolition of Existing Maternity Ward (around Dec, 2006)
		Outpatient Department
		Delivery Unit
	Ugandan Side	Operation Theatre
		Electricity, Water and Sewage Line for related facilities
		Demolition of Existing Administration prior to the construction of New OPD (Nov, 2006)
		Demolition of Existing Operation Theatre prior to the construction of New Operation Theatre (Nov, 2006)
		Ground levelling (Nov, 2006)
		Extension of Staff Houses (Apr, 2007)
Upgrading of Transformer (Aug, 2007)		
Water Filter Unit (Oct, 2007)		
Demolition of Existing OPD (Oct, 2007)		
Exterior Work in front of New OPD (Oct, 2007)		
Renovation of MCHC to Administration (Oct, 2007)		
Renovation Roof (whole area) (Oct, 2007)		
Renovation of 4WC of Wards (Oct, 2007)		
Renovation of Existing Delivery Space (Oct, 2007)		
Renovation of Laundry and Kitchen (Oct, 2007)		
Tororo GH	Japanese side	Operation Theatre
		Outpatient Department
		Delivery Unit of Maternity Ward
		Female Ward 1
		Female Ward 2
		Connecting passageway (for Related Facilities)
	Ugandan Side	Electricity, Water and Sewage Line for related facilities
		Ground levelling (Feb, 2006)
		Extension of Staff Houses (Jun, 2006)
		Upgrading of Transformer (around Nov, 2006)
		Renovation of Antenatal, OPD, X-ray to Administration Building (Dec, 2006)
		Exterior Work in front of New OPD (Dec, 2006)
Busolve GH	Japanese side	Demolition of Existing Female Ward (Dec, 2006)
		Construction of New Male Ward (Dec, 2006)
		Extension of Laundry (Dec, 2006)
	Ugandan Side	Rehabilitation of Electricity where Medical Equipments are supplied
		Upgrading of Transformer (Aug, 2007)
		Renovation of Existing WC Unit of Wards (Oct, 2007)
Bugiri GH	Japanese side	Renovation of Roof and Ceiling (Oct, 2007)
		Renovation of Elevated Water Tank (Oct, 2007)
	Ugandan Side	Renovation of Installation of pump for rain water and drainage maintenance (Oct, 2007)
		Upgrading of Transformer (Aug, 2007)
Masafi New GH	Japanese side	Renovation of Existing WC Unit of Wards (Oct, 2007)
		Renovation of Roof and Ceiling (Oct, 2007)
		Outpatient Department
		Female Ward
		Paediatric Ward
		Maternity Ward
	Ugandan Side	Connecting passageway (for Related Facilities)
		Electricity, Water and Sewage Line for related facilities
		Ground levelling (Nov, 2006)
		Water Supply from Communal Well (Aug, 2007)
		Supply of Electricity (3 Phases) and Installation of Transformer (Aug, 2007)
		Exterior Work in front of New OPD (Oct, 2007)
Renovation of Existing Maternity Ward to Administration (Oct, 2007)		
Renovation of Existing OPD to Antenatal Clinic (Oct, 2007)		
Renovation of Existing Male Ward to Kitchen & Laundry (Oct, 2007)		
Renovation of Existing Mortuary (Oct, 2007)		
Extension of Staff Houses (Oct, 2007)		

Tentative Schedule



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