## 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

Japan International Cooperation Agency

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.

4

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

1,

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 Heath 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



#### Office.

#### 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



Anntex-1: Sites Map	)			
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Annex-2: Requested Facilities and Priority

MRAI F District			TORORO District	-		(ALICIDI Dierrica		***************************************	IDITED District		
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Whale 17.H	Offheater	Renewal A	Renewal A Tororo GH	lopp/cw	Renewal .	Bugiri CH		Renovation &	Masafu HC-4	OPD	Renewal
	X-ray	Renewal	•	OP Theater	Renewal		Sewnge system	<b>Renovation</b> s		Maternity-W	New constr.
Bududa GH	Admin	Renewal		Female-W	Renewal A				i de	Male-W	Renewal
<del></del>	OPD	Renewal		Maternity-W	Penewai			Removement	3.00	Morruary	New constr. B
•••••••••••••••••••••••••••••••••••••••	Antenatal/CHC	Renewal A		Mortuary	Renewal		Wildlings	Serie-novition;	A No	X-ray	New constr.
	OP Theater	Renewal		. 53	New constr.	Muterere HC-3 OPD	OPD.	New constr.	T	KL	New constr.
	Delivery-sec.	Renewal		Staff Houses	Add constr.	(New site)	(New site) G/MW (15bs)	New constr.		Admin.	New constr.
~=····	Mortuary	Renewal		Extraction of the second				New constr.	•	Drug store	New constr.
	Staff Houses	Add constr.					MWP/PP/PL	Standard C	Ü	Staff Houses	Add constr.
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(upgraded)	(upgraded) Staff Houses	Add constr. C		Drainkgener	Removation (D		_	New constr. C	CI	MWP/PP/PL	standard
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Bupoto HC-3	G/MW (15hs)	New constr.			(Renovation St	•	MWP/PP/PL	standard		Drug store	New constr.
(upgraded)	(upgraded) Staff Houses	Add constr. C	C Panyangasi HC-3	[G/MW (15bs)  New constr.	New constr.	Sigulu HC-3	OPD	New constr.	- de de de de de de		••••
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Namanyonyi HC-3 OPD	OPD	New constr.		MWP/PPPL	standard		Staff Houses	New constr.			
(New site)	(New site) G/MW (15bs)	New constr.   C Busaba HC-3		OPD	New constr.	٨	MWP/PP/PL	standard			
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HC: Health Center, GH: General Hospital DH: District Hospital, RH: Regional Referral Hospital, NH: National Referral Hospital
Admin; Administration OPD: Out patient department OP: operation CHC: Child health clinic G/MW: 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 G/Renov.: General renovation



Health Unit

Annex-3

Requested Equipment

**!**!

	Mbale	Tororo	Bugiri	Busia
RRH	Mbale			
	Bududa GH	Tororo GH.	Bugiri GH	
당		Busolwe GH.		-
11 011	Bugobero	Mukuju	Buyinja	Masafu
AT O II	Busin		Nankoma	Busia
	Bumwoni		Kayango	Buteba
	Bupoto	<b>;</b> *	Bulidha	Lunyo
	Namanyonyi	Butaleja	Mutumba	Buhehe
	Bubutu	Kwapa.	Sigulu	Bulumbi
田の囲	Butiru	Merilit	Bandaa	Mbehenyi
	Busano	Iyolwa	Buluguyi	Busitema
	Nakaloke	Kisoko	Muterere	
	Bukigai	Kirewa	Bulesa	
	Namakwekwe			
DUFES	OD HS Mbale	Tororo	Bugiri	Busia

Regional Referral Hospital General Hospital Health Centre

DDHS: District Director of Health Office

MBALE DISTRICT Proposed Equipment Requirments for Mbale Regional Referral Hospital

1. Out Patient Department		3. P	3. Pharmacy		5. X-ray and Imaging	
No	Q.TY	o N	LUEM	Q'T'Y	No	Q"T'Y
1 ECG Recorder		<del>,</del> i	Autoclave, IV	1	1 Ultrasound Unit	1
1	H		Balance Electronic	1	2 X:Ray Cassettes Set	1
3 Pulse Oximeter	·	က		1	-	щ
-		4	Water Distiller	ଣ	4 X-Ray Film Dryer	1
┧		2.	<b>Refrigerator</b>	2	5 X-Ray Protective Clothing Set	-
6 Tray, Instruments	2.	9	Vacuum Filter Pump	1	6  X-Ray unit, Fluoroscopy unit	T
1		7	Trolley, Dispenser	1.	7  X-Ray unit, Mobile	Ţ
1	T	80	Cap Sealing Machine	7	***************************************	-
9 Operating Table	1	6	MRC Bottles, 0.5 L	2000	X-Ray Maker, A-Z, Character, Lead	~
10 Refrigerator	1.	ij	Motor and Pestle	2.		-
11 Resuscitator, Manual, Adult	درا	11	Water Bottle	2	11 Film Processor	
12 Resuscitator, Manual, Child	વ્ય	12	Computer			
-	Н		•		ransport and Commu	To the second
14 Suction Apparatus, Foot Operated	-1	Ψ. Ψ.	4. Main Theatre			1.7
15 Patient Stretcher	Ţ	No.	ITEM		-	S2 .
16 Patient Screen	1	ij	Autoclave Dry Vac		2 Computer	
	<sub>pr-</sub> [	-2	Anaesthetic Machine	7		
<del></del>	Ψ	3	Diagnostic Equipment Set. A	-	ther	Contract
19 Trolley, Medicine	2	*	ECG Monitor		No	ΣŢ, 3
4		ĽΩ	Pulse Oximeter		1 Infant Incubator	
2. Laboratories and Blood Bank		9	Electro Surgical Unit			
No	Q'TY	,	BMO Inhaler set	-		
1 Balance Semi Analytical	2 .	œ	Trolley, Instruments	7		
2 Centrifuge, Electric	-4	6	Instrument Set; General Surgery			
1	2	10	Instrument Set, Gyn & Obstetrics	7		
1-	2	Ξ	Instrument Set. Orthopeadic	ij		
†~~	7	12	Instrument Set; Anaesthesia, Adult	-		
1	2	133	Instrument Set. Anaesthesia, Paediatric	; T		
7 Hot Air Oven	,i	14	Instrument Set, Surgical, Paediatric	1	•	
8 Microscope, Binocular	1	22	Instrument Cupboard	2		
1	1	16	Operation Light, Fixed	7		
	1	17	Operation Light, Mobile	-	**	
<del></del>	**	18	Operating Table	63		
12 ESR Apparatus	1	55	Охуgen Concentrator	67		
-	2	20	Resuscitator, Manual, Adult	2		
1		2	tator, Manu	2		
				4	-	
		23	Suction Apparatus, Foot Operated			·.,
				_		**

MBALE DISTRICT Proposed Equipment Requirments for Bududa General Hospital

13

	QTY	1			7	7			7	_	1	,,		1	7	-		-				O.I.K	7	,	-	~	Ţ	H	
	Ö	_		_	_	-	_	-	-	+	+	$\dashv$	4	+	-	-		-	-		-	의	-						-
5. Main Theatre	o ITEM	Autoclave Dry Vac	_			Pulse Oximeter	i (Trav, Instruments		-		10 Instrumnet Set, Dilation and Curretage	1 Instrument Cupboard	-	13 Operation Light, Mobile	14 Operating Table	15 Oxygen Concentrator	16 Resuscitator, Manual, Adult	17 Resuscitator, Manual, Child	18 Suction Apparatus, Electric		6. X-Ray and Imaging	No	l Ultrasound Unit	2 X.Ray Cassettes Set	1	1	5  X-Ray Protective Clothing Set	6 X-Ray Basic Bucky System	Т
ເດ	욷		P .	3	4	2	9	7	∞	<u>~</u>				깈		<u> </u>		٠.	<u></u>		တ်				<u> </u>		<u> </u>		L
	Q"ITY				М	2	-	Ţ	ĭ	ᅴ	-1	1	1		7		•	Q'TY		1	<del>,</del> 1	rt	1	500					
3 Laboratories and Blood Bank	Z	L	2 Balance Semi Analytical	3 Centrifuge, Electric	4 Colorimeter	5 Water Distiller	6 Haemoglobin Meter	7 Hot Air Oven	8 Incubator Culture	9 Microscope, Binocular	10 Refrigerator		12 VDRL shaker		14 ESR Apparatus		A Pharmany	įZ	. 1 Anthelave IV	2 Balance Electronic	3 Wather Distiller	4 Refrieerator	S Vacuum Filter Pump	a MPC Rattise 0.5 I			. *		
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1 Out Detient Danaufmont		Asstraction Days Pens	-	2 Diagnistic Equipment Des C	<u> </u>		7	1	9 Oneseting Table	7	10 Demonitation Manual Child	11 Ottobasticator, Manage Machine	19. Cuction Americas Foot Operated	10 Detront Report	13 FRUEIL: OLEGII		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2. Dental Department	No 111 T T T	7 Yeatmingert Set Dental Surgery	Ť	T	1	1		7   Protective Mask			•



8 X-Ray Maker 9 Manual Film Processor

• -	7. G	General Ward	•	10. Hospital Plant	
ليبا	No	ITEM	λĿΟ	No   ITEM	نائيلا
	-	Hospital Bed	50	1 Generator, Standby, for Theatre	,
<b></b>	2	Paediatric Bed	20		
	ಲು	Drug Cupboard	1	11. Transport and Communication Equipment	ent
!	4	Drip Stand	10	No.	Q.T.V
L	5	Autoclave, Bench Type		I Ambulance	l-i
	9	Patient Screen	2	2 Motorcycle	c3
	7	X-Rav Film Viewer		3  Radio Call for Base Station	Ţ.
l			•	4   Radio Call for Ambulance	Н
w	Σ	8. Maternity Ward	•		•
L	9N	. ITEM	Q'TY	12. Mortuary	
L	~	Hospital Bed · ·	: 09	ITEM	Q"T"V
L	2	Baby Cot	25 :	1 :   Cooled Mortuary (Fridge)	<b>;1</b>
	ç.)	DeliveryBed	2	2   Post Mmortem Table	
	· #	Patient Screen	_	3 Instrument Set, Post-Mortem	<b>,</b>
	5	Resuscitator, Manual, Adult	1	4. Trolley, Martuary	<b>1</b>
<u></u>	9	Resuscitator, Manual, Child	1		
<u> </u>	7	Suction Apparatus, Electric	1		
	8	Suction Apparatus, Foot Operated	1	•	
	6	Infant Warmer	1	-	
	10	Baby Incubator	ĭ		
	11	Autoclave, Bench Type	-		
!	12	Weighing Scale, Adult	Ţ		
!	13	Weighing Scale, Pediatric	Ţ		
	14	Foetal Doppler	Ţ		
	15	Ultrasound Scanner	7		
	16	Instrument Set, Delivery	2	•	
i					
U	9. IK	Kichen and Laundry Equipment			
L	No	ITBM	O'T'Y		
ٺـــا	1	Refrigerator			
	2	Freezer	Ţ		•
L!	3	Washing Machine	1		
1	7	Dryer	ī		
	2	Ironing Machine	2		

<u>(1)</u>

WBALE DISTRICT Health Centre IV Bugobero, Busiu Proposed Equipment Requirments for HC IV

Radio Call for Ambulance

Solar Electric System

Ambulance Motorcycle

Radio Call for Station

Diagnostic Equipment Set, C.O

Examination Couch

Patient Screen

instrument Set, Dressing

Patient Stretcher

Fray, Instruments Trolley, Dispenser

Dressing Set

Health Centre III Bumwoni, Bupoto, Namanyonyi, Bubutu, Butiru, Busano, Nakaloko, Bukigui, Namakwekwe

District Director of Health Service

maailu, 1 araidla, Dulijai, Indibulwerwe

Proposed Equipment Requirments for HC III Suction Apparatus, Foot Operated Diagnostic Equipment Sat. C.O Resuscitator, Manual, Infant Resuscitator, Manual, Adult Vacuum Extractor, Manual Instrument set, Dressing Instrument set, Delivery Cupboard, Instruments Weighing Scale, Infant Radio Call for Station Weighing Scale, Adult Microscone, Binocular Solar Electric System Prolley, Instruments ray, Instruments Patient Screen Sterilizre Set Dressing Set Delivery Bed Matorcycle

List of Requierment of Equipment in DDHS

No ITEM Q'TY

1 Pickup Truck, W-Cabin 4WD 1

2 Motorcycle, Off Lord 125cc 2

31 Instrument Set, Caesarian Section
32 Cupboard, Instruments
33 Trolley, Instruments
34 Ultrasound Equipment
35 Vacuum Extractor, Manual
36 Dental Chair
37 Instrument Set, Dental, Hand

Suction Apparatus, Foot Oprated

instrument Set, Surgical

Resuscitator, Manual, Adult Resuscitator, Manual, Infant

D

Microscope, Binocular

Sterilizer

Centrifuge, Manual Haemoglobinometer

ESR Apparatus

Hospital Bed Pediatric Bed Centrifuge; Manual

nstrument Set, Delivbery

Delivery Bed

Cupboard, Drug Opearting Table

Operating Light

EMO Inhaler

TORORO DISTRICT Proposed Equipment Requirments for Tororo General Hospital

	0	٠							
O'TY 6. X-Ray and Imaging	No! . ITEM	1  Ultrasound Unit	.2 X-Ray Cassettes Set	3  X-Ray Darkroom Equipment Set	4 X-Ray Film Dryer	5 X-Ray Protective Clothing Set	6  X-Ray Film Viewer	7  X-Rav Maker	8  Manual Film Processor
O"ITY	F	I	. 2.	Ţ	-	-1	]	] [	1000
1 No TEM		2 :2 Balance. Clectronic	- 3 Wather Distiller	4 Glaswater Set	5 Hot Plate	6 Refrigerator	7 Vacuum Filter Pump	8   Cap Sealing Machine	9 MRC Bottles. 0.5L
	H	-							
1	ł	ŧ	1						



9. Transport and Communication Equipment Instrument Set, Post-Mortem Radio Call for Base Station Radio Call for Ambulance Cooled Mortuary (Fridge) Post Mortem Table Trolley, Mortuary Ambulance Motorcycle 10. Mortunry 9 Diagnostic Equipment Set, C Weighing Scale, Infant Weighing Scale, Adult X-Ray Film Viewer Drug Cupboard Patient Screen Paediatric Bed Trolley, Linen Trolley. Food Hospital Bed Dressing Set Wheel Chair 7. General Ward Drip Stand Autoclave

Σ.	8. Maternity Ward		
§ Z	ITEM	0,13	
	Hospital Bed	40	
67	Baby Cot	10	
က	Delivery Bed	2	
7	Patient Screen	4	
ນ	Resuscitator, Manual, Adult	1	
9	Resuscitator, Manual, Child	٦	
2	Suction Apparatus, Electric	,-	
8	Suction Apparatus, Foot Operated	<del>, ,</del>	
တ	Infant Warmer		
10	Baby Incubator	1	
	Autoclave, Bench Type	7	
12	Trolley, Linen	7	
13	Weighning Scale. Adult	П	
14	Weighning Scale, Pediatric		
15	Poetal Doppler	G)	
16	Ultrasound Scanner		
17		2	

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TORORO DISTRICT Proposed Equipment Requirments for Busolwe General Hospital

1 Out Patient Denartment	••	3. Laboratories and Blood Bank		5. Main Theatre	
ITEM	J.J.,O		Q"T"	No ITEM	O.L.
Autorlave Bene	-	1 Autoclave, Portable	1	1 Autoclave Dry Vac	-
2 Diagnostic Equipment Set. C	2	2 Balance Semi Analytical	-	2 Autoclave, Bench Type	٦
-	2	T	Ţ	3 Aneaestheatic Machine	П
+		1	~	4 Defibrillator	
-		1	1	5 Diagnostic Equipment Set, A	-
1		6 Flame Photmeter		6 Pulse Oximeter	-
┪	2	7 Haemoglobin meter	-1	7 Electric Surgical Unit	Н
1	1	8   Hot Air Oven	7		
1	1	9 Hot Plate		Ţ	2
	ı	10 [Incubator Culture	_	10 (Trolley, Instruments	2
******	1	11 Microscope, Binocular	23	11 Instrument Set, General Basic	-
12 Suction Apparatus, Electric	7	12 VDRL Shaker		•	
4	-1	13 Water Bath		13 Instrument Set, Gyn & Obstetrics	
14 Weighing Scale Adult		14 ESR Apparatus	1	14 Instrument Set, Orthopedic	
				15 Operation Light, Fixed	
16 Detient Green	7	4. Pharmacy			r-1
19 EMELL OCCESION	T	ITEM	Q"T"Y	17 Operating Table	23
10 Desmination Couch	7	1 Autoclave. IV	7	18 Oxygen Concentrator	2
10 Description of the second		2 Balance Electronic	ï	19 Resuscitator, Manual, Adult	ī
9 Dantal Denartment		T	1		
NO		4 Wather Distiller	2	21 Suction Apparatus, Electric	
Dental Unit Co			, , ,	22  Suction Apparatus. Foot Operated	7
9 Instrument Set Dental Surgery	F	T-	-1		
1		7   Can Sealing Machine		6. X-Rav and Imaging	
1	Ē	8 MRC Bottles, 0.5 L	500	No	O.II.X
7	Ė			1 Ultrasound Unit	
6 Descrive Mark	6		,	2 X-Ray Cassettes Set	H
_				3 X-Ray Darkroom Equipment Set	7

J.

,

X-Ray Basic Bucky System

X-Ray Film Dryer

X-Ray Film Viewers

8 Manual Film Processor

X-Ray Makers

7. G	7. General Ward		9. Kichen and Laundry Equipment	
ž	ITEM	Q"TY		Q"T"Y
	Hospital Bed	30	1   Washing Machine	-
ଣ	Paediatric Bed	20.	2 Dryer	
E	Trolley, Dispenser	6)	3 Trolley, Landry	2
77	Drip Stands	3	4 Ironing Machine	67
ည	Autoclave, Bench Type	1	5 Trolley, Pood	poort
æ	Diagnostic Equipment Set, C	ij	6 Refrigerator	
۵-	Dressing Set	Ţ	7 Freezer	1
ω	Weighing Scale, Adult	,t		
6	Weighing Scale, Infant	1	10. Hospital Plant	
10	Patient Screen	4	O NEM ITEM	$J_{u}J_{u}X$
	, property		1 Generator. Standby, for Theatre	-
Σ Ω	8. Maternity Ward			
°N	Mali	Q"TY	nication Equipo	ent
-1	Hospital Bed	20	No! : ITEM	Q'T'Y
27	Baby Cot	10:	1 Ambulance	7
es	Delivery Bed	2	2 Motorcycle	7
4	Patient screen	4.	3 Radio Call for Base Station	
ည	Resuscitator: Manual, Adult	1	4  Radio Call for Ambulance	ᆔ
30	Resuscitator, Manual, Child	1		
-	Suction Apparatus, Electric	,,		
ω	Suction Apparatus, Foot Operated			
6	Infant Warmer			
10	Baby Incubator	-		
	Autoclave:	7		
13	Weighing Scale for Adult	Ţ		
13	Weighing Scale for Pediatric			
Ĭ	Foetal Doppler	-		4
15	<del></del>			
16	Instrument Set, Delivery	7	•	
-	<del>}</del>	,I		

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TORORO DISTRICT

Mukuju, Nagongera Health Centre IV

Health Centre III

Panyangasi, Busaba, Butaleja, Kwapa, Merikit, Iyolwa, Kisoko, Kirowa

District Director of Health Service

Proposed Equipment Requirments for DDHS | No | ITEM | Q'TY Motorcycle, Off Lord 125cc Facinile Machine

Prond	Proposed Equipment Requirments for HC	2	e e	Proposed	sed Equi
ž	) TEM	ОTY	L1	ν	
	Radio Call for Station				Radio Ca
8	Radio Call for Ambulance	pudj		57	Solar Ele
က	Solar Electric System	-		E	Motorcyc
4	Ambulance	~	1	7	Diagnost
S	Motorcycle	-	1	2	Instrum
9	Diagnostic Equipment Set, C.O	-		9	Dressing
-	Examination Couch		· <u></u>	-	Weighin
8	Patient Screen	7		80	Weighin
6	Patient Stretcher	-	4	6	Delivery
2	Instrument Set, Dressing	щ	К	9	Instrum
Ξ	Dressing Set		,£	11	Sterilizz
12	Tray. Instruments		t	12	Resuscit
<u> </u>	Trolley, Disponser			E3	Resuscit
14	Sterilizer			計	Suction
15	Microscope, Binocular			12	Vacuum
91		-		16	Tray, In
13		-		-1	Trolley,
18	ESR Apparatus	.1		18	Cupboar
15	Hospital Bed	2		13	Patient
30	Pediatric Bed	7		20	Microsco
21	Delivery Bed		1	21	Centrifu
22	Instrument Set, Delivbery	-			
23	Cupboard, Drug	H	,		
24		7			
33	Operating Light	~			
26	EMO Inhaler				
27	Resuscitator, Manual, Adult	_	•		
82	Resuscitator, Manual, Infant				
29	Suction Apparatus, Foot Oprated				
39	Instrument Set, Surgical	1			•
3	Instrument Set, Caesarian Section	1			
32	Cupboard, Instruments	-			
33	Trolley, Instruments	<b>—</b>			
3	Ultrasound Equipment	7			
35	Vacuum Extractor, Manual				
36	Dental Chair				
37	Instrument Set, Dental, Hand	7			

BUGIRI DISTRICT Proposed Equipment Requirments for Bugiri District Hospital

[

1 Out Patient Denartment		3. Laboratories and Blood Bank		5. Main Theatre	
NIN THE TRUE THEM	C) 'T'Y	No.	O"T"	No ITEM	Q'T'Y
Autoclassa Band		Antochage Ports		I Autoclave Dry Vac	
7 Dingulatio Equipment Set C.		7-	H	2 Autoclave, Bench Type	-1
7	2	3 Centrifuge, Electric	1	3 Aneaestheatic Machine	
Τ	_	<del>                                     </del>	<b>,</b> —	4 Defibrillator	Ţ
5 BC Monitor		1	1	5 Diagnostic Equipment Set, A	1
7		1	1	6 Pulse Oximeter	<b>,</b> —1
_	61	7 Haemoglobin meter	-	-	1
_	-	R Hot Air Oven		8 EMO Inhaler Set	Ţ
o Operation Pattle	-	1	-		I
10 Promoditator Manual Affult	F	1	-	10 Incision and Drainage Set	7
-	_	<del></del>	2	11 (Tray, Instruments	2
	-	19 VDRL Shaker		12 Trolley, Instruments	2
	-		1	13 Instrument Set, General Basic	Н
	-			14 Instrument Set, General Surgery	
Weigning scale,	-	4		15 Instrument set. Caesarean	<b>~</b>
15 Weighing scale, Adult	1	A Dharmant		Instrument Set.	3
-7	<b>,</b>	T. L. MILLERY TOWNS TO STATE OF THE STATE OF	WIND!	<del> ``</del>	ī
	1	121		+-	2
18 Examination couch	*	7	Ţ,	4-	-
	<b>p=4</b>		1	- <del>-</del> -	-
20 Filing Cabinet	22	3 Balance Semi Analytical	7,6		-
		4 Wather Distiller	-3		4 0
9 Dental Denartment				-	7 -
TATE TO THE M	Ā.Ī.Ö	6 Vacuum Filter Pump	4	<del></del>	,
Dantol Thit Co.	7	1		_	
9 Instrument Set Dental Surgery	r	8 MRC Bottle, 0.5 L	500		
1	1			26 Suction Apparatus, Poot Unerated	30 1 1
1	1	•		•	٠
6 Dental Cabinet	Ţ				
T	2			•	·
3					

JO.

6. X-Ray and Imaging No.	M.O.	8. N	8. Maternity Ward	Courter Courter	11.7	1. Transport and Communication Equipment No.	nent O"py
Ultrasound Uni			Fospital Bed	20	+:	Ambulance	1
	H	دی		10	2	Motorcycle	
3 X.Ray Davkroom Equipment Set			7	7	7	Kadio Call for Base Station	,
╗		4.	Patient Screen	4	4	Kadio Call for Ambulance	1
5  X-Ray Basic Bucky System		ات	_		!		
6 X-Rav Film Viewer	. 1	9	Resuscitator, Manual. Child		12. CI	Other	
7 X-Ray Maker	1	7	Suction Apparatus, Electric	7		ITEM	Z.L.O
8   Manual Film Processor	1	ω	Suction Apparatus. Foot Operated	7		Howly Table	
1	-	G	Infant Warmer	7	2 1	Lonizing Lamp	
General Ward	•	9	O Baby Incubator	I	3 /	Air Speed Machine	F
Nol		,,,	I Autoclave	7			•
1   Hospital Bed	30	11	2 Trolley, Dispenser	٦			
2   Paediatric Bed .	20	Ξ	3  Weighing Scale, Adult	i			
·	c.i	1	4  Weighing Scale, Pediatric				
4 Drip stands	တ	==	5 Foetal Doppler	1			
1		Ħ	6 Ultrasound Scanner	H			
†	T	H	7 Instrument Set, Delivery	67			
1-	. 1	. 18					
8  Weighing Scale, Adult	<b>,</b>	·					**
1	Ţ	6	9. Kichen and Laundry Equipment		,		
10 Patient screen	. 4	<u> </u>	No F	NING BILL			
1	,		.  Washing Machine				
		<u>دم</u>	) Dryer	7.			
		C 3	I Trolley, Laundry	2	•		
			I. Ironing Machine	61	÷		
	,	33				•	
			6 Refrigerator				
			7 Freezer				,
		2	10. Hospital Plant			•	
	•	2	No TIEM		•		
	•		Generator, Standby, for Theatre		•		
		į				-	

BUGIRI DISTRICT

Buyinja, Nankoma Health Centre IV

Kayango, Bulidha, Mutumba, Sigulu, Bandaa, Buluguyi, Mutexexe, Bulesa Health Centre III

Proposed Equipment Requirments for HC II Equipment Set, C.O set, Dressing Scale, Adult Scale, Infant for Station tric System

District Director of Health Service

( i

Proposed Equipment Requirments for DDHS 1 Radio Call for Ambulance and Truck 2 Pickup Truck, W-Cabin 4WD Motorcycle, Off Lord, 125cc 4 Motor Boat for 2 Islands

1   Radio Call for announce   1   2   Solar Electric   3   Motorcycle   4   Dingnostic Eq   4   Dingnostic Eq   4   Dingnostic Eq   5   Instrument set   1   5   Instrume	rments for HC	2	Prop	osed Equipa	Proposed Equipment Requirments for
Call for Ambulance	MSI.I.I	<u>-</u>	<u> </u>		for Station
Sectric System   1   4   1   1   1   1   1   1   1   1				+-	ric System
t. Set. C.O 1 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Dectric		["]		
C.O 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	nbulance		<u> </u>		Equipment Set, C.O.
C.O 1 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	otorcycle	<b></b> 1			`\$
1   8   10   10   10   10   10   10		<u>.</u>	<u>"L</u>		et 71
t. Dressing 1 1 10 11 11 11 11 11 11 11 11 11 11 11	xamination Couch	<b>.</b>	1	_	Scale, Adult
cessing 1 10 11 11 11 11 11 11 11 11 11 11 11 1	atient Screen	٦,	1	┪~	od
1   1   1   1   1   1   1   1   1   1		<u>-</u>		<del>- i ji</del> ,	t set, Delivery
1   12   14   15   15   16   17   16   17   17   17   17   17		<u></u>		-	Set
llar 1 15  lor 1 16  lor 1 1 16  lor 1 1 16  lor 1 1 18  lor 1 1 19  lor 2 0  lor 2 1 1 19  lor 3 1 1 19  lor 4 1 1 19  lor 5 1 1 19  lor 6 1 1 19  lor 6 1 1 19  lor 7 1 1 19  lor 8 1 1 19  lor 1 19	man Instruments	_			or, Manual, Infant
1   14   15   16   16   17   17   18   17   18   18   19   19   19   19   19   19	volley Dispenser	Ľ			or, Manual, Adult
1   16   16   16   17   16   17   16   17   17	Ferritzer	-			paratus, Foot Opera
Interpretation   Inte	ě	_			xtractor, Manual
ometer 1 1 18  us 2 19  let, Delivbery 1 1 20  let, Delivbery 1 1 20  Manual, Adult 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-		تباسا	rungura
1   18   19   19   19   19   19   19	laemoglobinometer.				T
1	SR Apparatus		<u>_</u> j		instruments
	fospital Bed	27			reen
	ediatric Bed	긔	1		e. Dinocutat
hatrument Set, Delivbery 1  Jubosard, Drug 1  Denating Table 1  Denating Light 1  Esuscitator, Manual, Adult 1  Esuscitator, Manual, Infant 1  Esuscitator, Manual, Infant 1  Instrument Set, Surgical 1  Instrument Set, Caesarian Section 1  Instrument Set, Caesarian Section 1  Instrument Set, Manual 1  Jucasound Equipment 1			l		e, Manuai
habbard, Drug 1  Dpaurting Table 1  Dparating Table 1  MO Inhaler 1  MO Inhaler 1  Lesuscitator, Manual, Adult 1  Lesuscitator, Manual, Infant 1  Suction Apparatus, Foot Oprated 1  Instrument Set, Surgical 1  Instrument Set, Caesarian Section 1  Subboard, Instruments 1  Instrument Set, Dental, Hand 1  Instrument Set, Dental, Hand 1	ë				
Decenting Table  Decenting Table  MO Inhaler  Esuscitator, Manual, Adult  Lesuscitator, Manual, Infant  Suction Apparatus, Foot Oprated  Instrument Set, Surgical  Instrument Set, Caesarian Section  Instrument Set, Caesarian Section  Instruments  Instru	Supposed, Drug	-			
Decating Light 1  MO Inhaler  Lesuscitator, Manual, Adult 1  Lesuscitator, Manual, Infant 1  Lesuscitator, Manual, Infant 1  Lesuscitator, Manual, Infant 1  Instrument Set, Surgical 1  Instrument Set, Caesarian Section 1  Instrument Set, Manual 1  Jacuum Extractor, Manual 1  Jacuum Extractor, Manual 1  Accuum Extractor, Manual 1	Dearting Table				
MO Inhaler lesuscitator, Manual, Adult lesuscitator, Manual, Infant luction Apparatus, Foot Oprated luction Apparatus, Foot Oprated lustrument Set, Surgical lustrument Set, Caesarian Section lustrument Set, Caesarian Section lustruments lubboard, Instruments lubboard, Instruments lucracound Equipment lucracound Equipment lucracound Extractor, Manual lucracound Extractor, Manual lucracound Set, Dental, Hand lustrument Set, Dental, Hand lustrument Set, Dental, Hand	perating Light	٦.			
lesuscitator, Manual, Adult 1  Lesuscitator, Manual, Infant 1  Suction Apparatus, Foot Oprated 1  Instrument Set, Surgical 1  Instrument Set, Caesarian Section 1  Supboard, Instruments 1  You by Instruments 1  You me Extractor, Manual 1  Jental Chair 1  Dental Chair 1  Instrument Set, Dental, Hand 1	MO Inhaler	٦.	•		
leguscitator, Manual, Infant 1  Suction Apparatus, Foot Oprated 1  Instrument Set, Surgical 1  Instrument Set, Caesarian Section 1  Subboard, Instruments 1  Trolley, Instruments 1  Jurasound Equipment 1  Jurasound Equipment 1  Jurasound Extractor, Manual 1  Jacuum Extractor, Manual 1  Dental Chair 1  Instrument Set, Dental, Hand 1	lesuscitator, Manual, Adult	-			
Suction Apparatus, Foot Oprated 1 Instrument Set, Surgical 1 Instrument Set, Caesavian Section 1 Supposed, Instruments 1 Instruments 1 Instruments 1 Instruments 1 Instruments 1 Instrument Set, Manual 1 Instrument Set, Dental, Hand 1 Instrument Set, Dental, Hand 1	desuscitator, Manual, Infant	٦.			
nstrument Set, Surgical Instrument Set, Caesarian Section Instrument Set, Caesarian Section Instruments Instruments Instrument Instrument Set, Manual Instrument Set, Dental, Hand	Suction Apparatus, Foot Oprated	٠,		•	
Caesarian uments nents uinment tor, Manual Dental, He	nstrument Set, Surgical	-			
Cupboard, Instruments 1  Prolley, Instruments 1  Thrasound Equipment 1  Vacuum Extractor, Manual 1  Dental Chair 1  Instrument Set, Dental, Hand 1	Caesarian				
Prolley, Instruments 1  Thrasound Equipment 1  Jacuum Extractor, Manual 1  Dental Chair 1  nstrument Set, Dental, Hand 1	Suppoard, Instruments				-
Ntrasound Equipment 1 Incurm Extractor, Manual 1 Dental Chair 1 nstrument Set, Dental, Hand 1					
Jacuum Extractor, Manual 1  Jental Chair 1  nstrument Set, Dental, Hand 1	Mtrasound Equipment				
Dental Chaur nstrument Set, Dental, Hand 1	Jacuum Extractor, Manual	-			•
nstrument Set. Dental. Hand	Jental Chair	1			
	nstrument Set. Dental. Pand	-			

paratus, Foot Operated

BUSIA DISTRICT Proposed Equipment Requirements for Masafu Health Centre IV



BUSIA DISTRICT Health Centre IV

Busia

Health Centre II Buteba, Lunyo, Buhehe, Bulumbi, Mbehenyi, Busitema

December Peninment Requirments for HC III

Proposed Equipment Requirments for HC IV

Radio Call for Ambulance

Solar Electric System

Ambulance Motorcycle

Radio Call for Station

Diagnostic Equipment Set, C.O

Examination Couch

Patient Screen

Patient Stretcher Instrument Set, Dressing

<b>=</b>	O'TY			1	1	1	ĭ	,1			-	-	r				4		_		-	<b>,</b> -
ised Equipment Requirments for FIC	TEM	Radio Call for Station	Solar Electric System	Motorcycle	Equipment Set,	Instrument set, Dressing.	Dressing Set	Weighing Scale, Adult	Weighing Scale, Infant	Delivery Bod	Instrument set, Delivery	Sterilizre Set		<del></del>	·*	_		1	<del>,                                     </del>	·	·•	+
ogo	2	-	2	೮	=	, c	9		æ	6	2	Ξ	12	F	F	22	16	7	18	13	5	6

District Director of Health Service

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Proposed Equipment Requirments for DDHS

	ν	LIEM	K I X
	-	Radio Call for Station	ĩ
	c	Matawale Off Lard 125cc	ĭ
:	1	1	-
	m	Facimile Macuine	4

11 Instrument Set, Gaesarian Section
132 Cupboard, Instruments
133 Trolley, Instruments
134 Ultrasound Equipment,
135 Vacuum Extractor, Manual
136 Dental Chair
137 Instrument Set, Dental, Hand

Suction Apparatus, Foot Oprated

Instrument Set, Surgical

Resuscitator, Manual, Adult Resuscitator, Manual, Infant

Instrument Set, Deliybery

Delivery Bed

Cupboard, Drug Opearting Table Operating Light

EMO Inhaler

Haemoglobinometer ISR Apparatus Hospital Bed Pediatric Bed

P

Microscope, Binocular

Sterdizer

Tray, Instruments Trolley, Dispenser

Oressing Set

Centrifuge, Manual

#### 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;
- 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	llems	To be covered by	To be covered by
		Grant Aid	.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	t	•
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		•
	(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 $\cdot$		•
7.3	(b) The drainage system ( for toilet sewer, ordinary waste, storm drainage and others ) within the site		
7.4	Gas supply	<del></del>	<del></del>
7.4	(a) The city gas main to the site		•
7.4	(b) The gas supply system within the site	•	·
7.5	Telephone system		.1
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	*	
	Furniture and equipment		<u> </u>
	(a) General furniture		1 .
	(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)	***************************************	<u> </u>
8.1	Advising commission of Authorization to Pay (A/P)		T •
	Payment commission	_	•
9	To ensure prompt unloading and customs clearance at the port of disembarkation in recipient country		.1
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	( • )	( • )



				*	1
11	0	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			
1	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	-	,	
	12	To maintain and use properly and effectively the facilities  reactivisted 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	. ;	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Ì				**	



#### 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.

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#### 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 Mibale 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

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- (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

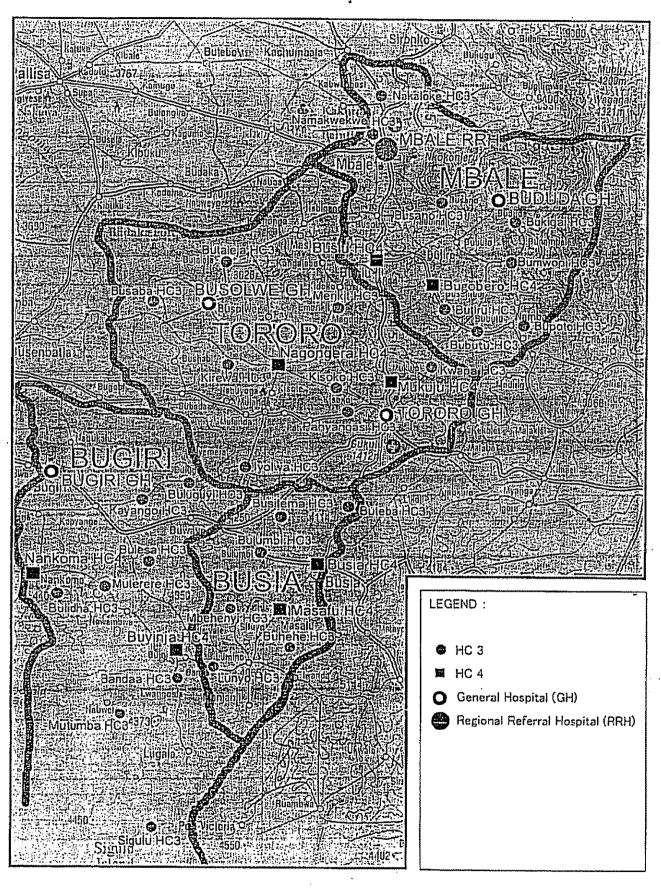
2: Targeted Facilities and Demarcation of Obligations

3: Requested Equipment

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Sites Map



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Targeted Facilities and Demarcation of Obligations

Hospital	Side	Category	s and Demarcation of Obligations  Hem
	Japanese Side		Operation Theatre
Vidale ICICH	nahanese orde	stopping stommon	X-Ray Unit
			Maternity Ward including Operation Theatre for Obstetrics
			Roof of Connecting Passageway (between X-Ray unit and Ward)
			Generator and G-circuit
	1 landa Cida		Demolition of Related Buildings
	Ugandan Side		Renovation of WC
		111 11111111111111111111111111111111111	Administration
Bududa GH	Japanese Side	Hospital Facilities	Outpatient Dept. including X-Ray, Casualty Unit & Child Health Centre
			Dispatient Dept. Including A-Ray, Castany Ont & Onto French Control
			Delivery Unit of Maternity Ward
		<b>1</b> .	Operation Theatre and its Connecting Passageway
			WC Unit for 4 Wards (Maternity, Female, Paediatric, Male)
			Mortuary
		Residence for Staff	Staff Houses
		Infrastracture	Water and Sewage Line for Related Facilities
	·	<u> </u>	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 :
	<b>\</b>		Laundry/Store
			Mortuary
		Residence for Staff	Staff Houses
		Infrastracture	Related Sewage System for Facilities
	Ugandan Side		Demolition of Related Buildings
	3		Upgrading of Transformer .
	1 .		Connection to the City Sewage Line
Busniwe GH	Japanese Side	Hospital Facilities	WC Unit for 4 Wards (Maternity, Female, Paediatric, Male) + OPD
	1		Renovation of Roofs and Ceilings
		Infrastracture	Renovation of Elevated Water Tank
			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
	1		Upgrading of Transformer
Bugiri GH	Japanese Side	Hospital Facilities	WC Unit for 4 Wards (Maternity, Female, Paediatric, Male) + OPD
Dagiii Oii ·	and milete stee		Renovation of Roofs and Ceilings
		Infrastracture	Renovation of Elevated Water Tank
		111111111111111111111111111111111111111	Water Supply and Sewage Line of Ward Block
			Pump for Drainage of Rain Water
			Generator and G-circuit
	Ugandan Side		Renovation of Existing WC Unit for 4 Wards
	ORangan 210c		Demolition of Latrines
			Upgrading of Transformer
h	1	Userial Estilia	Outpatient Dept. including X-Ray and Casualty Unit
iviasani HC-	4 Japanese Side	Hospital Facilities	Maternity Ward
İ			Male Ward
1			
1			Paediatric Ward
1			. Connecting Passageway
			Mortuary
		Residence for Staf	T Statt Houses
		Infrastracture	Elevated Water Tank and Water Supply Line
1	1		Sewage System (Septic Tank & Soak Pit)
1	******		Electric System including Generator and G-circuit
	Ugandan Side		Laundry (Existing Male Ward)
	1 3		Renovation of Other Existing Buildings
1	1	1	Water Supply from Municipal Well
ł	i .	1	Supply of Electricity (3 Phases) and Installation of Transformer

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NO	DEPARTMENT	EQUIPMENT REQUIRED .
	Mhale Regional Referal Ho	**************************************
1	Ophthalmology	A and B Scan Biometer
		Coldidataic Fundus Camera
1		Auto Refractometer
1		IMD-Yag Laser unit
	4.00	Perimeter
		Columet Set
		Pulse Tonometer
1	***	Phacoemulsification Machine
>	IBNI Singery	Curbon Dioxide Laser system for EN1/Head and Heek surgery
		Fiber optic Rhmo-pharvigo-Larvago Esophagoseope
		Polysonmography laboratory for upper airway observation and
		snoring studies
		Consisting of
		Rhinometer
l		Pulse Unincter
		•1750
		·18CG
		*Sound level meter
		*Audio visual recorder
		Laryngeal Stroboscope Equipment
		ENT Operating Microscope
		Auditory Brainstem Response Audiometer
3	Orthopsedic Surgery	C-Arm.
		Laminectomy Set (Spinal)
		Pedicle Serew Set (Spinal)
		Herrington Rods and Instrumentation Set (Complete)
		Atthroscopy Set complete with accessories (Light Source,
1		Camera, Scopes)
		Orthopaedic Traction Bed
1		ospital and General Hospitals
4	Amesthesia	Boyles Machine and Plalothane
		ECG Monitor (2)
		Pulse oximeter (2)
	- Andreas	Ганундовсорс (3)
F .	35. 432 1 441	Suction machine (2)
	4C IV and III	111
- 3	HC IV	Theatre Equipment
		Blood Bank (Fridge)
	<u>                                     </u>	Generator Set
()	HC III	Hequipment not available in local market



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G	Trolley, instruments	1	1					į
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0	X-ray Unit, Mobile	1	1					
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	Instrument set, Anaesthesia, Adult	2	~~~	2				<u></u>
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# Requested Equipment

\_Annex=3

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2	Instrument Set, Surgical			Ş			1	1	3
3	Motorcycle	î	ı	ş	1	1	I	1	7
4	Operating Table	1		ŧ			1	1	4
5	Operation Light, Mobile	1		3			1	ŧ	4
6	Patient Stretcher			1			1	1	3
7	Sterilizer, Electric, Vertical			1			1	1	3
Ð	Suction Apparatus, Electric			1			1	1	3
9	Tray, Instruments			1			1	ı	3
10	Trolley, Instruments			1			1	1	3
11	Ultrasound Unit	1	1	1	1	1	1	****	7
Add	itional Request								
1	Generator			ŧ		1	1	1	4
2	Refrigerator, Blood bank	1		1		1	1	1	5



Annex-3

Requested Equipment

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Health Centre III	l Delivery Bed	2 Diagnostic Equipment Set, C.O.	3 Instrument Set, Delivery	4 Motorcycle	5 Solar Electric System	6 Tray, Instruments	7 Trolley. Instruments	8 Weighing Scale, Adult	9 Weighing Scale, Infant
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#### 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.



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# 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





# Targeted Facilities

Hospital	Side	ltem
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)
		Electricity, Water and Sewage Line for related facilities
	Ugandan Side	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) Partial Renovation of Existing OT (Orthopaedic) (around Dec, 2006)
		Demolition of Existing Maternity Ward (around Dec, 2006)
Bududa GH	Japanese side	Outpatient Department
		Delivery Unit
		Operation Theatre
		Electricity, Water and Sewage Line for related facilities
	Ugandan Side	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)
		Electricity, Water and Sewage Line for related facilities
	Ugandan Side	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)
	ŀ	Demolition of Existing Female Ward (Dec.2006)
		Construction of New Male Ward (Dec.2006)
		Extension of Laundry (Dec,2006)
Busolwe GH	Japanese side	Rehabilitation of Electricity where Medical Equipments are supplied
	Ugandan Side	Upgrading of Transformer (Aug. 2007)
		Renovation of Existing WC Unit of Wards (Oct. 2007) Renovation of Roof and Ceiling (Oct. 2007)
		Renovation of Roof and Certaing (Oct, 2007)  Renovation of Elevated Water Tank (Oct, 2007)
Bugiri GH	Japanese side	Rehabilitation of Electricity where Medical Equipments are supplied
2.00		Upgrading of Transformer (Aug, 2007)
		Renovation of Existing WC Unit of Wards (Oct. 2007)
		Renovation of Roof and Ceiling (Oct, 2007)
		Renovation of Installation of pump for rain water and drainage maintenance (Oct, 2007)
Masafu	Japanese side	Outpatient Department Female Ward
New GH		Paediatric Ward
		Maternity Ward
		Connecting passageway (for Related Facilities)
		Electricity, Water and Sewage Line for related facilities
	Ugandan Side	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)
	I .	Extension of Staff Houses (Oct, 2007)





Targeted Equipment

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Equipment List for Health Center IV and III

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-	Health Centro IV & III	Autoclave, Vertical	Delivery Bed	Instrument Set, Caesarian Section	Instrument Set, Delivery	Operation Light, Mobile	Operation Table	Patient Stretcher	Refrigerator, Solar	Solar Electric System	Suction Apparatus, Electric	Tray, Instruments	Trolley, Instruments	Weighing Scale, Adult	Weighing Scale, Infant
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Tentative Schedule

