

Appendices

1. Member List of the Survey Team

Basic Design Survey (January 15 to February 10, 2006)

No.	Name	Assignment title	Organization
1	Mr. Jiro INAMURA	Leader	Deputy Resident Representative JICA Kenya Office Japan International Cooperation Agency
2	Dr. Takatoshi KOBAYAKAWA	Technical Adviser	Professor Tokyo Women's Medical University
3	Ms Chiharu MORITA	Project Coordinator	Project Management Group II, Grant Aid Management Department, Japan International Cooperation Agency
4	Mr. Masahiro IKAWA	Project Manager / Architectural Planner	Nihon Sekkei, Inc.
5	Mr. Naoki TOMINAGA	Architectural & Facilities Planner	Nihon Sekkei, Inc.
6	Mr. Ryoji HARADA	Equipment Planner	EARL Consultants, Inc.
7	Mr. Akio MATSUOKA	Construction and Cost Planner	Nihon Sekkei, Inc.
8	Mr. Takamasa HIROBE	Procurement & Cost Planner	EARL Consultants, Inc.
9	Mr. Takahisa ISOBE	Facilities Planner (Assistant)	Nihon Sekkei, Inc.
10	Ms Makiko UEMURA	Architectural Planner (Assistant)	Nihon Sekkei, Inc.

Explanation on Draft Report (August 27 to September 9, 2006)

No.	Name	Assignment title	Organization
1	Mr. Kazuhiko TOKUHASHI	Leader	Deputy Resident Representative JICA Kenya Office Japan International Cooperation Agency
2	Dr. Takatoshi KOBAYAKAWA	Technical Adviser	Professor Tokyo Women's Medical University
3	Mr. Masahiro IKAWA	Project Manager / Architectural Planner	Nihon Sekkei, Inc.
4	Mr. Ryoji HARADA	Equipment Planner	EARL Consultants, Inc.
5	Mr. Naoki TOMINAGA	Architectural & Facilities Planner (Assistant)	Nihon Sekkei, Inc.
6	Mr. Takahisa ISOBE	Facilities Planner (Assistant)	Nihon Sekkei, Inc.

2. Study Schedule

Basic Design Survey (January 15 to February 10, 2006)

			Leader	Technical Advisor	Coordinator	Project Manager/ Architectural Planner	Equipment Planner	Architectural/ Facility Planner	Architectural Planner	Facility Planner	Procurement and Cost Planner	Construction and Cost Planner				
1	1/15	SUN				Narita (Bangkok, Dubai)										
2	1/16	MON				Nairobi Courtesy call to JICA Office Discussion at JICA Office										
3	1/17	TUE				Courtesy call to MOH, MOP Discussion at MOH									Market Survey	
4	1/18	WED				Naoribi Kericho (Land route)									Market Survey	
5	1/19	THU				Survey and Discussion at Kericho DH									Market Survey	
6	1/20	FRI				Kericho Kisii (Land route) Survey and Discussion at Kisii DH									Market Survey	
7	1/21	SAT	Narita (Bangkok, Dubai)	Team meeting						Nairobi Kericho		Team meeting				
8	1/22	SUN	Nairobi		Kericho Nairobi (Land route)		Team meeting									
9	1/23	MON	Discussion at JICA Office Courtesy call to Japanese Embassy, HOH						Survey and Discussion at Kericho DH, Kisii DH							
10	1/24	TUE	Discussion at MOH						Survey and Discussion at Kericho DH, Kisii DH			Narita (Bangkok, Dubai)				
11	1/25	WED	Naoribi Kericho (Land route)				Survey and Discussion at Kericho DH, Kisii DH				Nairobi Kericho					
12	1/26	THU	Discussion at Kericho DH Survey at Sosiot HC													
13	1/27	FRI	Discussion at Kisii DH Kericho Kisii (Land route)													
14	1/28	SAT	Survey at Marani HC													
15	1/29	SUN	Team meeting ((Preparation of Minutes of Discussion))													
16	1/30	MON	Discussion at MOH (Minutes of Discussion)									Market Survey	Market Survey			
17	1/31	TUE	Discussion at MOH (Minutes of Discussion) and Signing on Minutes of Discussion		Nairobi (Bangkok, Dubai)	Discussion at MOH (Minutes of Discussion) and Signing on Minutes of Discussion					Market Survey	Market Survey				
18	2/1	WED	Provisional (Discussion at MOH (Minutes of Discussion) and Signing on Minutes of Discussion) Report to Japanese JICA Office, Embassy		Narita	Provisional (Discussion at MOH (Minutes of Discussion) and Signing on Minutes of Discussion) Report to Japanese JICA Office, Embassy					Market Survey	Market Survey				
19	2/2	THU	Naoribi (Bangkok, Dubai)			Discussion at MOH					Market Survey	Market Survey				
20	2/3	FRI	Narita			Discussion at MOH					Market Survey	Market Survey				
21	2/4	SAT				Discussion at MOH					Market Survey	Market Survey				
22	2/5	SUN	Team meeting (Preparation of Technical Memorandum)													
23	2/6	MON	Discussion at MOH (Technical Memorandum)													
24	2/7	TUE	Discussion at MOH (Technical Memorandum)													
25	2/8	WED	Signing on (Technical Memorandum) Report to JICA Office, Japanese Embassy													
26	2/9	THU	Naoribi (Bangkok, Dubai)													
27	2/10	FRI	Narita													

Explanation on Draft Report (August 27 to September 9, 2006)

	Date		Content
1	8/27	SUN	Study Team (except Facility Planner) Haneda → (Kansai Airport, Dubai) →
2	8/28	MON	→ Nairobi Courtesy Call on JICA
3	8/29	TUE	Courtesy Call on Embassy of Japan and Ministry of Health (MOH) ----- Facility Planner: Haneda → (Kansai Airport, Dubai) →
4	8/30	WED	Facility Planner: Nairobi ----- Discussion at MOH (Explanation on Draft Report)
5	8/31	THU	Nairobi → Kericho (Land route) Discussion at Kericho District Hospital (Explanation on Draft Report)
6	9/1	FRI	Kericho → Kisii (Land route) Discussion at Kisii District Hospital (Explanation on Draft Report) Kisii → Nairobi (Land route)
7	9/2	SAT	Discussion at MOH
8	9/3	SUN	Team meeting
9	9/4	MON	Discussion at MOH (Minutes of Discussion)
10	9/5	TUE	Discussion at MOH and Signing on Minutes of Discussion
11	9/6	WED	Team meeting
12	9/7	THU	Report to JICA Office, Japanese Embassy ----- Facility Planner: Nairobi → (Dubai, Kansai Airport) →
13	9/8	FRI	Facility Planner: Haneda ----- Nairobi → (Dubai, Kansai Airport) →
14	9/9	SAT	→ Haneda

3. List of Parties Concerned in the Recipient Countries

Kenyan Side

Ministry of Health

Dr. Hezron O. Nyangito	Permanent Secretary, Ministry of Health
Dr. J. Kibaru	Head, Division of Reproductive Health
Dr. F.M. Kimani	Deputy Director, Medical Service
Eng. Martin Owino	Head, Medical Engineering Division
Mr. Joel Gitonga	Public Health Officer

Ministry of Finance

Mr. Joseph K. Kinyua	Permanent Secretary, Ministry of Finance
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Nyanza Provincial Medical Office

Dr. J.O. Gesami	Provincial Medical Officer Provincial Nyanza
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Kisii District Medical Office

Dr. E.S. Abunga	District Medical Officer of Health
Mr. James Ameyia	District Health Administrative Officer
Ms. Mary M. Mosoti	District Health Record and Information Officer
Mr. Christine B. Momanyi	District Public Health Nurse
Mr. Francis Makau	District Public Health Officer
Mr. James N. Kirwa	District Hospital Educational Officer
Mr. Dominic Otieno	District Medical Engineering Technologist
Mr. Joseph Morema	District Clinical Officer

Kisii District Office, Ministry of Public works

Eng. J.W. Kiragu	District Works Officer
Mr. J.O. Maoncha	DEO, MORPW
Mr. Jeff Oguta	Ag. District Architect

Kisii District Hospital

Dr. Wycliffe N. Mogoa	Medical Superintendent
Mr. George Kabongah	Health Service Accountant
Ms. Teresa Nyagwoko	Ag. Nursing Officer I/C
Ms. Moraa A. Monayo	Nursing Officer I/C
Ms. Roselyne.C. Mboin	Health Records & Information Officer
Mr. Joyce Atinda	Nutrition Officer
Dr. Njoroge Muhoho	E.N.T Surgeon
Mr. Charlesth Nyakoria	Senior Radiographer
Ms. Zakayo N. Momanyi	Nurse
Mr. A. Maobe	Division of Vector Borne Diseases
Dr. Linus Wafula	Pharmacist
Mr. Henry Sendora	Lab. Technologist

Mr. Strals W. Naina	Environmental Health Dept.
Rift Valley Provincial Medical Office	
Dr. Ambrose Misore	Provincial Medical Officer Provincial Rift Valley
Kericho District Medical Office	
Dr. Kemboi C.K	District Medical Officer of Health
Nickson Chepkwony	Public Health Officer
Kericho District Office, Ministry of Public works	
Mr. Jahonga M.A	Ministry of Public Works Kericho
Kericho District Hospital	
Dr. Betty Langat	Medical Superintendent
Ms. Maru Jane	Nursing Officer I/C
Mr. Richard Chepkwony	Health Records
Mr. P.M. Ikua	Occupational Therapist
Mr. Yego Kirwa	Clinical Officer
Ms. Hillary K. Kirui	Physiotherapist
Dr. Josphat Samoei	Pharmacist
Mr. Erick Koech	Med. Lab. Techno
Mr. Vitalis.O. Sewe	Inspector Electrical
Mr. George Owiti	Radiographer/ Sonographer
Mr. Kipkemoi Tum	Hospital Maintenance Unit
Gucha District Hospital	
Mr.Erasto Omuuega	Public Health Officer
Mr.Paul Nyamiobo	Nursing Officer I/C
Mr.Wilfred Mose	Nursing Officer
Sosiot Health Centre	
Julia Munyendo	Clinical Officer I/C
KEMRI	
Dr.Davy D.Koech	Director

Japanese Side

Embassy of Japan

Mr. Satoshi Miyamura	Ambassador
Mr. Tomohiro Oishi	First Secretary

JICA Kenya Office

Mr. Yoshiaki Karino	Resident Representative
Mr. Jiro Inamura	Deputy Resident Representative
Mr. Kazuhiko Tokuhashi	Deputy Resident Representative
Ms Yumiko Igarashi	Project Formulation Advisor
Mr. Willie Nyambati	Senior Programme Officer

Project for Improvement of Health Service with a Focus on Safe Motherhood in Kisii and Kericho Districts (HANDS)

Mamoru Shimamoto	Chief Advisor
Naoko Fujita	Technical Advisor
Yoko Chiba	Technical Advisor

4. MINUTES OF DISCUSSION (Basic Design Survey)

MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT FOR IMPROVEMENT OF DISTRICT HOSPITALS
IN THE WESTERN PART OF KENYA
IN THE REPUBLIC OF KENYA

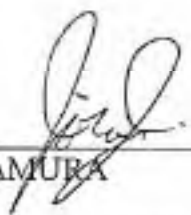
In response to a request from the Government of the Republic of Kenya (hereinafter referred to as "the Kenya"), the Government of Japan decided to conduct a Basic Design Study on the Project for Improvement of District Hospitals in the Western Part of Kenya (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to the Kenya 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 16 to February 9, 2006.

The Team held discussions with the officials concerned of the Government of Kenya 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 works and prepare the Basic Design Study Report.

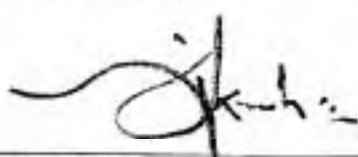
Nairobi, February 1, 2006



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



Dr. Hezron O. NYANGITO
Permanent Secretary
Ministry of Health
The Republic of Kenya



Mr. Joseph K. KINYUA
Permanent Secretary
Ministry of Finance
The Republic of Kenya

THE PERMANENT SECRETARY
MINISTRY OF FINANCE,
P. O. Box 30007,
NAIROBI.

ATTACHMENT

1. Objective of the Project

The objective of the Project is to improve the services provided by the Kisii District Hospital and the Kericho District Hospital in the western part of Kenya.

2. Project sites

The sites of the Project are the Kisii District Hospital and the Kericho District Hospital.

3. Responsible and Implementing Agency

3-1. The Responsible Agency is the Ministry of Health, the Republic of Kenya.

3-2. The Implementing Agencies are the Kisii District Hospital and the Kericho District Hospital.

4. Items requested by the Government of Kenya

After discussions with the Team, the following items were finally requested by the Kenyan side. JICA will assess the appropriateness of the request and will recommend to the Government of Japan for approval. The present survey conducted by both sides have confirmed that the Kisii District Hospital should be taken into much consideration for the requirement of its development.

(1) Construction of the Facilities

Details of items are listed in Annex-1.

Construction sites are presented in Annex-2 and Annex-3.

(2) Procurement of the Equipment

Details of items are listed in Annex-4

5. Japan's Grant Aid Scheme

5-1. The Kenyan side understands the Japan's grant aid scheme explained by the Team, as described in Annex-5.

5-2. The Kenyan side will take the necessary measures, as described in Annex-6, for smooth implementation of the Project, as a condition for the Japan's grant aid to be implemented.

6. Schedule of the Study

6-1. The consultants will proceed to further studies in Kenya until February 9, 2006.

6-2. JICA will prepare the draft report in English and dispatch a mission in order to explain its contents around the end of May, 2006.

6-3. After the content of the report is accepted in principle by the Government of Kenya, JICA will complete the final report and send it to the Government of Kenya by the end of August, 2006.

7. Other relevant issues

7-1. Budgets for Demolition and Renovation of Existing Facilities

The Kenyan side has agreed to secure and allocate sufficient funds to demolish the existing facilities for providing appropriate premises, and to renovate the remaining facilities for effective use, in terms of hospital management.



Mr JICA

7-2. Improvement of the Infrastructure in Kisii Hospital

The Kenyan side has agreed to enforce the timed improvement of the water and electric supply system in order to deal with the shortage of water and electric supply in the Kisii District Hospital. The Kenyan side has committed to supply the required volume of water at their expense within one year. For the mutual confirmation of the progress, the Budget Outlook Paper for the year 2006-2007, with the budgetary allocation for the construction will be advanced to the Draft Report Explanation Team.

7-3. Improving the Garbage Treatment System in Kisii District Hospital

The Kenyan side has also committed to complete the garbage treatment, by the visit of Draft Report Explanation Team, around the end of May, 2006.

7-4. Counterpart fund contribution by the Kenya Government

The Kenyan side has agreed to secure and allocate sufficient funds to form part of the counterpart budget upto a maximum of 10% of the total project cost. This funds will be used by the Kenyan side to support other improvements that will not be supported by the Japanese Government but are essential for the effective implementation of the project in the two hospitals.

7-5. Improvement of Maternity Facility at Kisii District Hospital

The Kenyan side has agreed to secure and allocate sufficient funds to improve the maternity unit at the Kisii District Hospital if the budgetary allocation by the Japanese side is not sufficient enough to cover this facility. The Japanese side notes the need and priority to improve maternity services at the Kisii District Hospital.

7-6. Smooth Implementation of the Project

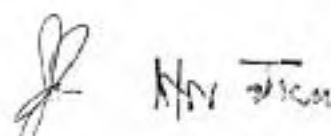
The Kenyan side has agreed to establish the maintenance system in both of the facility and equipment units of the hospitals with the timed allocation of the sufficient funds and staff for the effective administration of the hospitals.

7-7 Request for Technical Assistance

The Kenyan side requested technical assistance for the efficient implementation of the Project. The Team would convey the request to the Government of Japan.

Annex- 1: Final requested facilities list

- 2: Construction site of the Kisii hospital
- 3: Construction site of the Kericho hospital
- 4: Final requested equipment list
- 5: Japan's Grant Aid Scheme
- 6: Major Undertakings to be taken by Each Government



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Final requested facilities list

Kisii District Hospital

Priority	Component	
1.	OUT-PATIENT DEPARTMENT incl. CASUALTY UNIT	
	A	Casualty -Filter clinic -Treatment -Minor Theater -Observation
Out-patient department -Consultation -Treatment -Internal medicine -Surgery -Pediatric -Obstetric/Gynecology -Psychiatry		-Eye clinic -E.N.T. -Dental clinic -X-ray -Ultrasound -Laboratory -Accounts office
2.	THEATRE and H.D.U.	
A	-Theatre (incl. caesarian section) -High Dependence Unit (incl. infections) -C.S.S.D	
3.	INFRASTRUCTURE	
A	-High tension power receiving -Water reservoir -Medical gas -Neutralization & sterilization treatment -Incinerator	
4.	MATERNITY UNIT	
B	Delivery Section -Delivery -Labour ward -Newborn unit	
	C	Antenatal and Postnatal ward -Antenatal ward -Postnatal ward

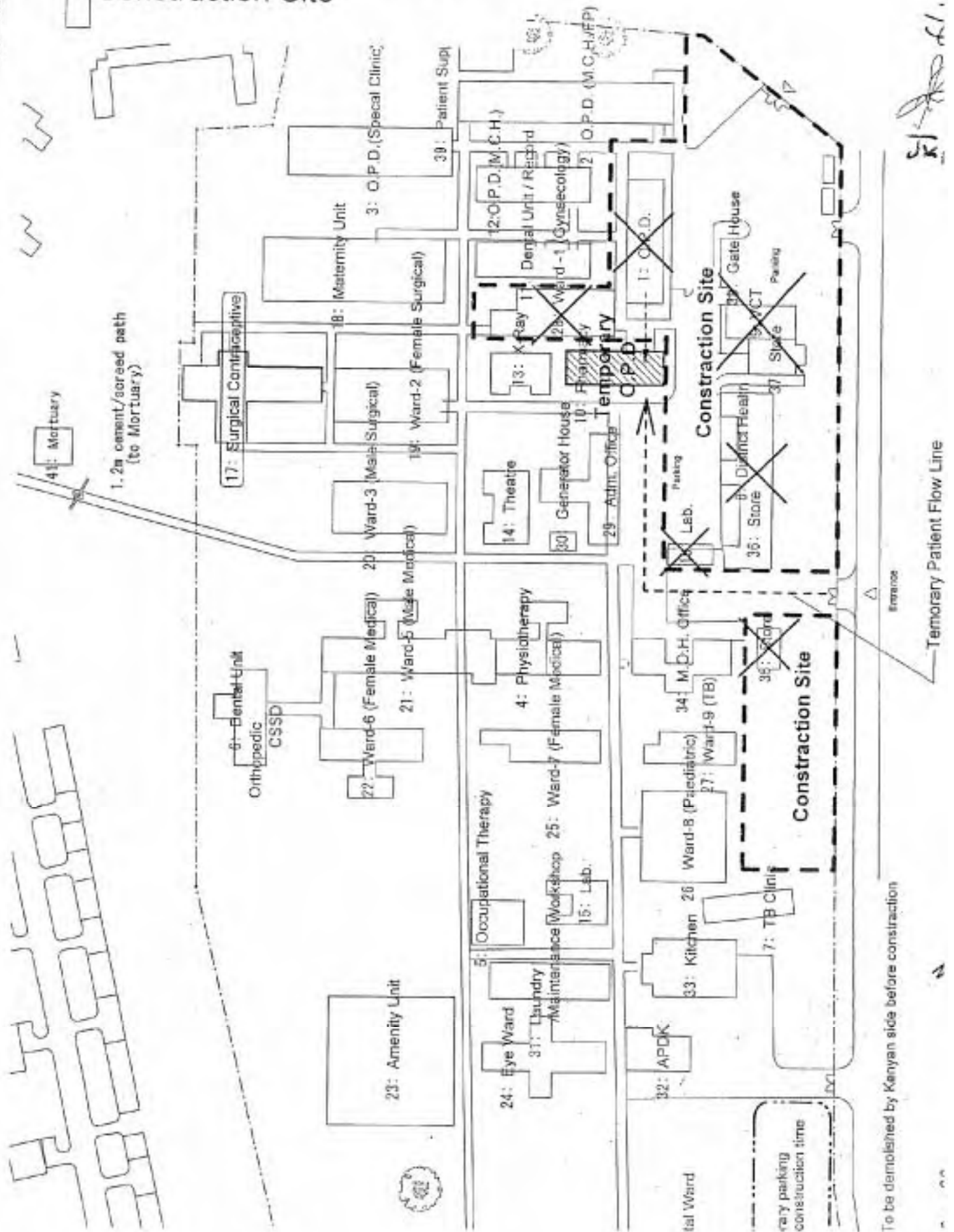
Kericho District Hospital

Priority	Component	
1.	CASUALTY UNIT	
	A	-Filter clinic -Treatment -Minor Theater -Observation

10/10/2010

KISII DISTRICT HOSPITAL Construction Site

Annex 1



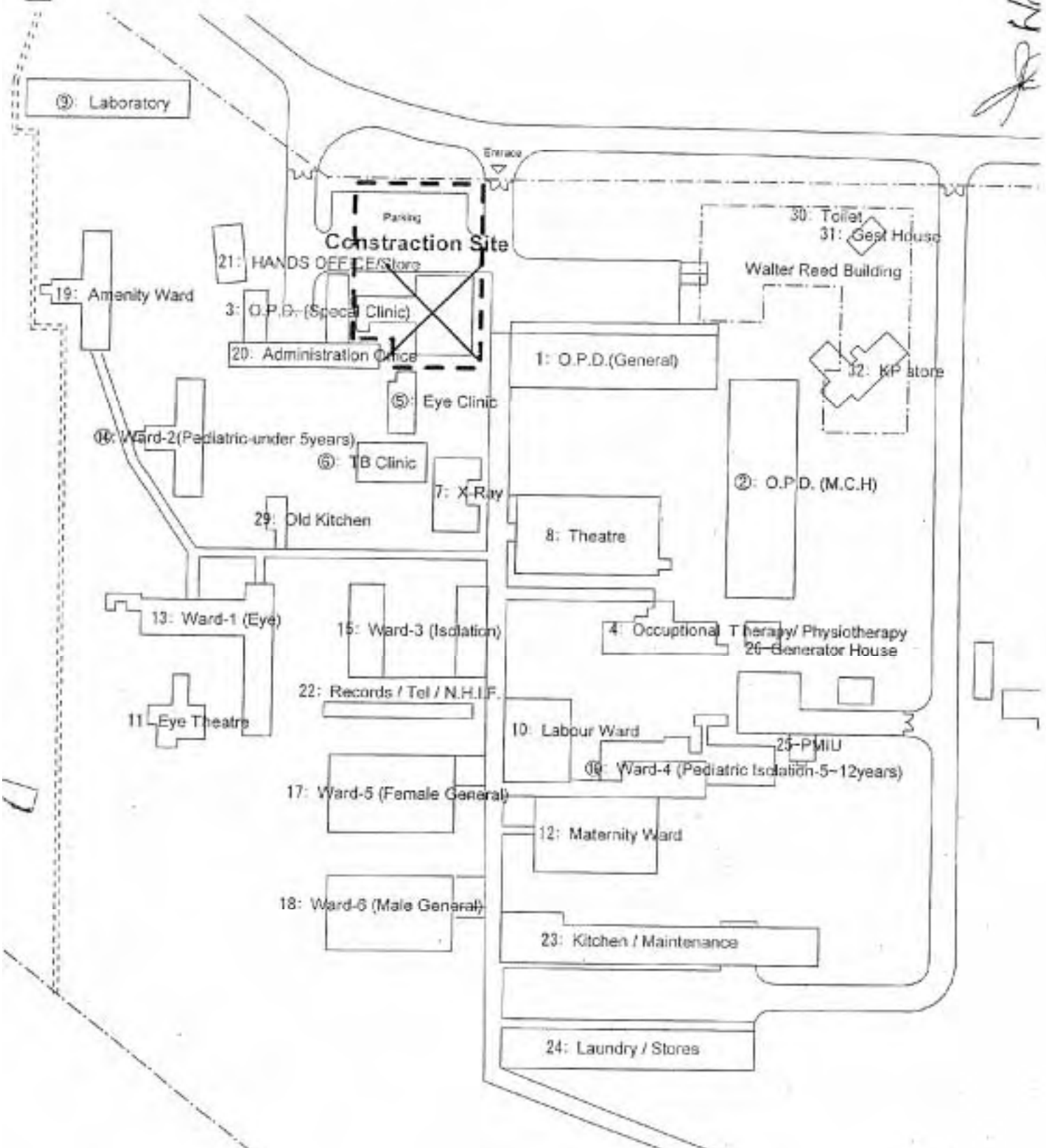
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Temporary Patient Flow Line

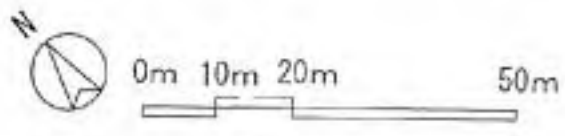
To be demolished by Kenyan side before construction

KERICHO DISTRICT HOSPITAL Construction Site

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Annex-4 Final requested equipment list

1. Kisii District Hospital

Item	Description	Priority
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1. Casualty Department

1-1 Treatment Room

A-1- 1	Examination Couch	B
A-1- 2	Electrical Suction Unit	B
A-1- 3	Resuscitation Unit	A

1-2 Minor Theatre

A-1- 4	Defibrillator	A
A-1- 5	Operating Table for Minor Surgery	A
A-1- 6	Operating Light	A
A-1- 7	Instrument Sterilizer	A

1-3 Observation Room

A-1- 8	Recovery Beds	B
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2. Out-patient Department

2-1 Psychiatry/Intrenal Medicine/Pediatric/Surgical Clinics

A-2- 1	X-ray Film Illuminator	B
A-2- 2	Examination Lamp	B
A-2- 3	Examination Couch	B

2-2 ENT

A-2- 4	ENT treatment Chair	B
A-2- 5	ENT treatment unit	B
A-2- 6	Laryngoscope	B
A-2- 7	Nebulizer Unit	B

2-3 Ophthalmology

A-2- 8	Perimeter	B
A-2- 9	Lensmeter	B
A-2- 10	Slit lamp with applanation tonometer	B
A-2- 11	Refractometer	B
A-2- 12	Hot air sterilizer	B

2-4 Dental Clinic

A-2- 13	Dental Unit	B
A-2- 14	Sterilizer	A
A-2- 15	Ultrasound Scaler	A

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Item	Description	Priority
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2-5 Ob/Gy

A-2- 16	Examining Table for Ob/Gy	A
A-2- 17	Examination Light	B
A-2- 18	Ultrasonic Diagnostic Unit	A
A-2- 19	Examination Couch	A

2-6 Radiology

A-2- 20	Mobile X-ray Unit	B
A-2- 21	Dental X-ray Unit	B
A-2- 22	X-ray Film Illuminator	B

2-7 Treatment Room

A-2- 23	Examination couch	B
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2-8 Laboratory

A-2- 24	Electric Binocular Microscope	B
A-2- 25	Teaching Electric Binocular Microscope	B
A-2- 26	Hot Air Sterilizer	B
A-2- 27	Distillation Unit	B
A-2- 28	Haematocrit centrifuge	B
A-2- 29	Specrophotometer	B

2-9 Treatment Room-2

A-2- 30	Examination Couch	B
A-2- 31	Electrical Suction Unit	B
A-2- 32	Examination Light	B

2-10 Consultation Room

A-2- 33	Examination Light	B
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3. Operation Theatre

3-1 Operation Theatre

A-3- 1	Operating Table	A
A-3- 2	Operating Light	A
A-3- 3	Operating Light with Emergency power unit	A
A-3- 4	Electric Suction Unit	B
A-3- 5	Anesthesia Apparatus with Ventilator	B
A-3- 6	Electrosurgical Unit	A
A-3- 7	ECG Monitor	B
A-3- 8	Pulse oximeter	B
A-3- 9	Instrument Sterilizer	B

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Item	Description	Priority
A-3- 10	General Surgical set	B
A-3- 11	Defibrillator	B
A-3- 12	Dermatome	B
A-3- 13	Recovery Beds	B
A-3- 14	Respirator	B
A-4- 15	Table top autoclave	B

3-2 HDU

A-3- 16	Gatch bed	B
A-3- 17	ECG Monitor	B
A-3- 18	Ultrasonic Nebulizer	B
A-3- 19	Defibrillator	B

3-3 CSSD

A-3- 20	High Pressure Steam Steriliser	B
A-3- 21	Instrument Sterilizer	B

3-4 Burns Unit

A-3- 22	Patient Beds	B
A-3- 23	Examination Light	B

4. Maternity Unit

A-4- 1	Delivery Table	B
A-4- 2	Ob/Gy Suction Unit	B
A-4- 3	Fetal Doppler	B
A-4- 4	Labor beds	B
A-4- 5	Recovery Beds	B
A-4- 6	Infant Incubator	A
A-4- 7	Infant Warmer	B
A-4- 8	Phototherapy Unit	B
A-4- 9	Bilirubin Meter	A
A-4- 10	Ultrasonic Nebulizer	B
A-4- 11	Examining Light	B
A-4- 12	Resuscitator for Both Antenatal and Adult	A
A-4- 13	Instrument sterilizer	B
A-4- 14	Ultrasound Diagnostic Unit	A
A-4- 15	Baby Cot	B
A-4- 16	Vacuum Extractor	B

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Item	Description	Priority
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5. Physiotherapy/Occupational Therapy

A-5- 1	Ultraviolet Apparatus	B
A-5- 2	Shortwave Diathermy	B
A-5- 3	Infrared Light	B
A-5- 4	Electric Stimulator	B

6. HMU

A-6- 1	Tool for Electric Work	A
A-6- 2	Tool for Mechanic Work	A
A-6- 3	Cathode Rays Oscilloscope	B
A-6- 4	IC & Transistor Tester	B
A-6- 5	Multimeter	B
A-6- 6	Current Meter	B
A-6- 7	Soldering Stations	B

7. Others

A-7- 1	Ambulance	C
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8. Ophthalmology Operation Theatre

A-8- 1	Operating Tables	B
A-8- 2	Ophthalmic Operating Microscope	B
A-8- 3	Operating light	B
A-8- 4	Sterilizer	C
A-8- 5	Ophthalmoscope Direct	C
A-8- 6	Ophthalmoscope Indirect	C

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2. Kericho District Hospital

Item	Description	Priority
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1. Casualty Department

1-1 Filter Clinic

B-1- 1	Examination light	B
B-1- 2	X-ray film illuminator	B

1-2 Casualty Room

B-1- 3	Laryngoscope for Adults & Paeds	B
B-1- 4	Ambu bag for Adults & Paeds	B
B-1- 5	Suction machine	B
B-1- 6	Table top autoclave	B
B-1- 7	Stretcher	B

1-3 Minor Theatre

B-1- 8	Operation table	B
B-1- 9	Operating light	B
B-1- 10	Defibrillator	B

1-4 Observation Room

B-1- 11	Recovery Beds	B
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2. Operation Theatre

B-2- 1	Laryngoscopes	B
B-2- 2	Pulse oximeter	B
B-2- 3	Electrosurgical unit	B
B-2- 4	Orthopaedic operation table	B
B-2- 5	Operation microscope	B
B-2- 6	ECG monitor	B
B-2- 7	Defibrillator	B
B-2- 8	Operating light	B
B-2- 9	Universal operating table	B
B-2- 10	Dematome	B
B-2- 11	Operating table for Ob/Gy	B
B-2- 12	Anesthetic ventilator	B

3. Out-patient Department

3-1 Internal Medicine/Surgical/Psychiatry Rooms

B-3- 1	X-ray film illuminator	B
B-3- 2	Examination couch	B
B-3- 3	Diagnostic set	B

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Item	Description	Priority
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3-2 Ob/Gy Room

B-3- 4	Ultrasound Machine	A
B-3- 5	Ob/Gy examining table	A
B-3- 6	Examining Light	A

3-4 Pediatric Room

B-3- 7	X-ray film illuminator	B
B-3- 8	Examination couch	B

3-5 Dental Room

B-3- 9	Dental unit	B
B-3- 10	X-ray film processor	B
B-3- 11	Ultrasound scaler	B

3-6 ENT Room

B-3- 12	ENT treatment Unit	B
B-3- 13	ENT treatment Chair	B
B-3- 14	Laryngoscope	B
B-3- 15	Nebulizer	B

3-7 Eye Clinic

B-3- 16	Examination light	B
B-3- 17	Ophthalmoscope	B
B-3- 18	Slit lamp	B

3-8 T.B. Clinic Room

B-3- 19	X-ray film illuminator	B
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4. X-Ray

B-4- 1	Automatic film processor	B
B-4- 2	Mobil x-ray unit	B

5. Laboratory

B-5- 1	Centrifuge	B
B-5- 2	Microscope	B

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Item	Description	Priority
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6. Physiotherapy Department

B-6-1	Short wave diathermy	B
B-6-2	Micro-wave diathermy	B
B-6-3	Infra-red lamp	B
B-6-4	Ultrasound machine	B
B-6-5	Nerve stimulator machine	B
B-6-6	Wax therapy machine	B
B-6-7	Electrical plaster cutter	A

7. Labor/Maternity Ward

B-7-1	suction machine	B
B-7-2	Foetal heart doppler	B
B-7-3	Delivery table	A

8. New Born Unit

B-8-1	Baby cot	B
B-8-2	Phototherapy machines	A
B-8-3	Incubator	A
B-8-4	Suction machine	B
B-8-5	Resuscitator	B

9. MCH/FP

B-9-1	Foetal heart doppler	B
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10. HMU

B-10-1	Tool for Electric Work	B
B-10-2	Tool for Mechanic Work	B
B-10-3	Digital multimeter	B
B-10-4	Soldering station	B

11. Ambulance

B-11-1	Ambulance	C
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Remarks: Japan side will consider planning the equipment for new building on condition that Japan side decides to undertake construction of the building.

Annex- 5 : 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:

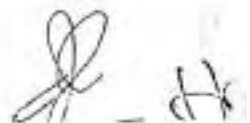
- a) confirmation of the background, objectives and benefits of the Project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation;
- b) evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from 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.

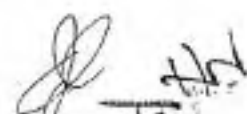
However, the prime contractors, namely consulting, contracting and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means persons of Japanese nationality or Japanese corporations controlled by persons of Japanese nationality.)

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"

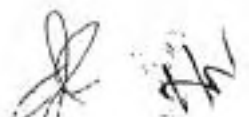
The recipient country is required to maintain and use the facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign the necessary staff for operation and maintenance of them as well as to bear all the expenses other than those covered by the Grant Aid.

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.

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Major Undertakings to be taken by Each Government

No.	Items	To be covered by Grant/aid	To be covered by Recipient's 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		
	1) Within the site	●	
	2) Outside the site		●
6	To construct building facilities	●	
7	To provide facilities for the distribution of electricity, water supply, drainage and other incidental facilities		
	1) Electricity		
	a. The high tension power(11KVA) distributing line to the site		●
	b. The drop wiring and internal wiring within the site	●	
	c. The main circuit breaker and transformer	●	
	2) Water Supply		
	a. The city water distribution main to the site: ①. Improvement of city water treatment system including water supply booster pumps. ②. Dedicated water supply line to Hospital. ③. Independent hill top city water reservoir for Hospital.		●
	b. The supply system within the site (receiving water reservoir and elevated tanks)	●	
	3) Drainage		
	a. The city drainage main (for storm, sewer and others to the site)		●
	b. The drainage system (for toilet sewer, ordinary waste, storm drainage and others) within the site	●	
	4) Gas Supply		
	a. The city gas main to the site		●
	b. The gas supply system within the site	●	
	5) Telephone System		
	a. The telephone trunk line to the main distribution frame/panel (MDF) of the building		●
	b. The MDF and the extension after the frame/panel	●	
	6) Furniture and Equipment		
	a. General furniture		●
	b. Project equipment	●	
8	To bear the following commissions to the Japanese bank for the banking services based upon the B/A		
	1) Advising commission of A/P		●
	2) Payment commission		●
9	To ensure unloading and customs clearance at port of disembarkation in recipient country		
	1) Marine (Air) transportation of the products from Japan to the recipient	●	
	2) Tax exemption and custom clearance of the products at the port of disembarkation		●
	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 contracts		●
12	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant		●
13	To bear all the expenses, other than those to be borne by the Grant, necessary for construction of the facilities as well as for the transportation and installation of the equipment		●

(B/A: Banking Arrangement, A/P: Authorization to pay)

(Explanation on Draft Report)

MINUTES OF DISCUSSIONS
ON BASIC DESIGN STUDY ON THE PROJECT
FOR IMPROVEMENT OF DISTRICT HOSPITALS
IN THE WESTERN PART OF KENYA
IN THE REPUBLIC OF KENYA
(EXPLANATION ON DRAFT REPORT)

In January and February, 2006, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study Team on the Project for Improvement of District Hospitals in the Western Part of Kenya (hereinafter referred to as "the Project") to the Republic of Kenya (hereinafter referred to as "the Kenya"), 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 Kenyan Team on the components of the draft report, JICA sent to the Kenya the Draft Report Explanation Team (hereinafter referred to as "the Team"), which is headed by Mr. Kazuhiko Tokuhashi, Deputy Resident Representative, JICA Kenya Office, from August 28 to September 8, 2006.

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


Nairobi, September 5, 2006

徳橋 和彦

Kazuhiko TOKUHASHI
Leader
Draft Report Explanation Team
Japan International Cooperation Agency



Dr. Hezron O. NYANGITO
Permanent Secretary
Ministry of Health
The Republic of Kenya



Mr. Joseph K. KINYUA
Permanent Secretary
Ministry of Finance
The Republic of Kenya

ATTACHMENT

1 Components of the Draft Report

The Kenyan side 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 Kenyan side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Kenya as explained by the Team and described in Annex-5 and Annex-6 of the Minutes of Discussions signed by both sides on February 1, 2006.

3 Schedule of the Study

JICA will complete the final report in accordance with the confirmed items and send it to the Government of Kenya by the end of December, 2006.

4 Other Relevant Issues

4-1. Improvement of the water supply system in Kisii district hospital

The Government of Kenya re-affirmed its undertaking in ensuring the timely improvement of water supply to Kisii district hospital. The Government of Kenya has received funds from UN Habitat under the Lake Victoria Water and Sanitation Project which will be used for improvement of the water supply and sanitation infrastructure in Kisii town.

4-2. Improvement of the power supply system in Kisii district hospital

Both sides confirmed that the Kenyan side has allocated the necessary budget for improvement of the Power supply system in "District Allocation Budget 2006/2007". The Kenyan side agreed to complete the improvement work of the power supply system prior to the commencement of the construction work of the Project.

4-3. The number of staff necessary for adequate management and maintenance of the new hospital

In order to meet the additional staff required at the new hospital which would be constructed under the Project, the Kenyan side agreed to increase the staff as described in Annex-1.

4-4. Responsibilities of the Kenyan side

The Kenyan side understood the responsibilities and necessary measures to be taken for smooth implementation of the Project and agreed to fulfill the Kenyan scope of works on schedule as described in Annex-2.

4-5. Construction site of the Project

Both sides confirmed the construction sites for both Kisii and Kericho described in Annex-3 and 4

4-6. Provision of medical equipment

As a result of the discussion between both sides, the list of equipment to be provided was agreed



June

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upon as is listed in Annex-5.

4-7. Soft component program

Both sides agreed upon the fields of technical assistance to build capacity by use of Soft component program of the Project.

4-8. Proper maintenance

The Kenyan side agreed to allocate necessary budget for the proper maintenance and utilization of the equipment and facilities to be provided under the Project.

4-9. Construction of general wards (80 beds) in Kisii district hospital

The budget allocation plan for Phase 1 for the construction of general ward with 80 beds has been approved by the Government of Kenya and subsequent Phase 2 and 3 with the additional 160 beds currently being planned by the Government of Kenya.

4-10. Improvement of garbage treatment system in Kisii district hospital

The team confirmed the garbage in the premises has been completely removed with the construction of concrete rubbish collection storage points.

4-11. Procurement of X-ray plants for the new OPD in Kisii district hospital

The Kenyan side agreed to procure and to install one general X-ray machine and one fluoroscopy unit for the new OPD in Kisii district hospital in time for the completion of the said new building.

4-12. Transparency and equity of the tender procedure

To secure transparency and equity of the tendering procedure, both sides agreed not to disclose information related to the project to the third parties until tender opening.

Manning plan for Kisii District Hospital

Breakdown of medical and healthcare professional	Annual salary (Ksh.)	Existing manning		Reinforcement manning	
		Total number of staff in hospital	Existing manning cost (Ksh.)	Reinforcement for new building	Necessary manning cost (Ksh.)
Consultant	996,000	9	8,964,000	3	2,988,000
Medical officer	468,000	16	7,488,000	2	936,000
Clinical officer	144,000	36	5,184,000	4	576,000
Registered nurse	144,000	27	3,888,000	10	1,440,000
Enrolled nurse	108,000	176	19,008,000	30	3,240,000
Clinical laboratory technologist	144,000	14	2,016,000	5	720,000
Clinical laboratory technician	108,000	0	0	0	0
Radiographer	144,000	4	576,000	4	576,000
Physiotherapist, Occupational	144,000	19	2,736,000	0	0
Medical engineering technologist	144,000	2	288,000	2	288,000
Medical engineering technician	108,000	4	432,000	2	216,000
Others	36,000	146	5,256,000	20	720,000
Total	—	453	55,836,000	82	11,700,000
Increasing rate				21%	

Manning plan for Kericho District Hospital

Breakdown of medical and healthcare professional	Annual salary (Ksh.)	Existing manning		Reinforcement manning	
		Total number of staff in hospital	Existing manning cost (Ksh.)	Reinforcement for new building	Necessary manning cost (Ksh.)
Consultant	996,000	5	4,980,000	0	0
Medical officer	468,000	12	5,616,000	2	936,000
Clinical officer	144,000	32	4,608,000	2	288,000
Registered nurse	144,000	19	2,736,000	4	576,000
Enrolled nurse	108,000	102	11,016,000	15	1,620,000
Clinical laboratory technologist	144,000	3	432,000	1	144,000
Clinical laboratory technician	108,000	7	756,000	1	108,000
Radiographer	144,000	5	720,000	0	0
Physiotherapist, Occupational	144,000	8	1,152,000	0	0
Medical engineering technologist	144,000	1	144,000	1	144,000
Medical engineering technician	108,000	5	540,000	0	0
Others	36,000	95	3,420,000	8	288,000
Total	—	294	36,120,000	34	4,104,000
Increasing rate				11%	

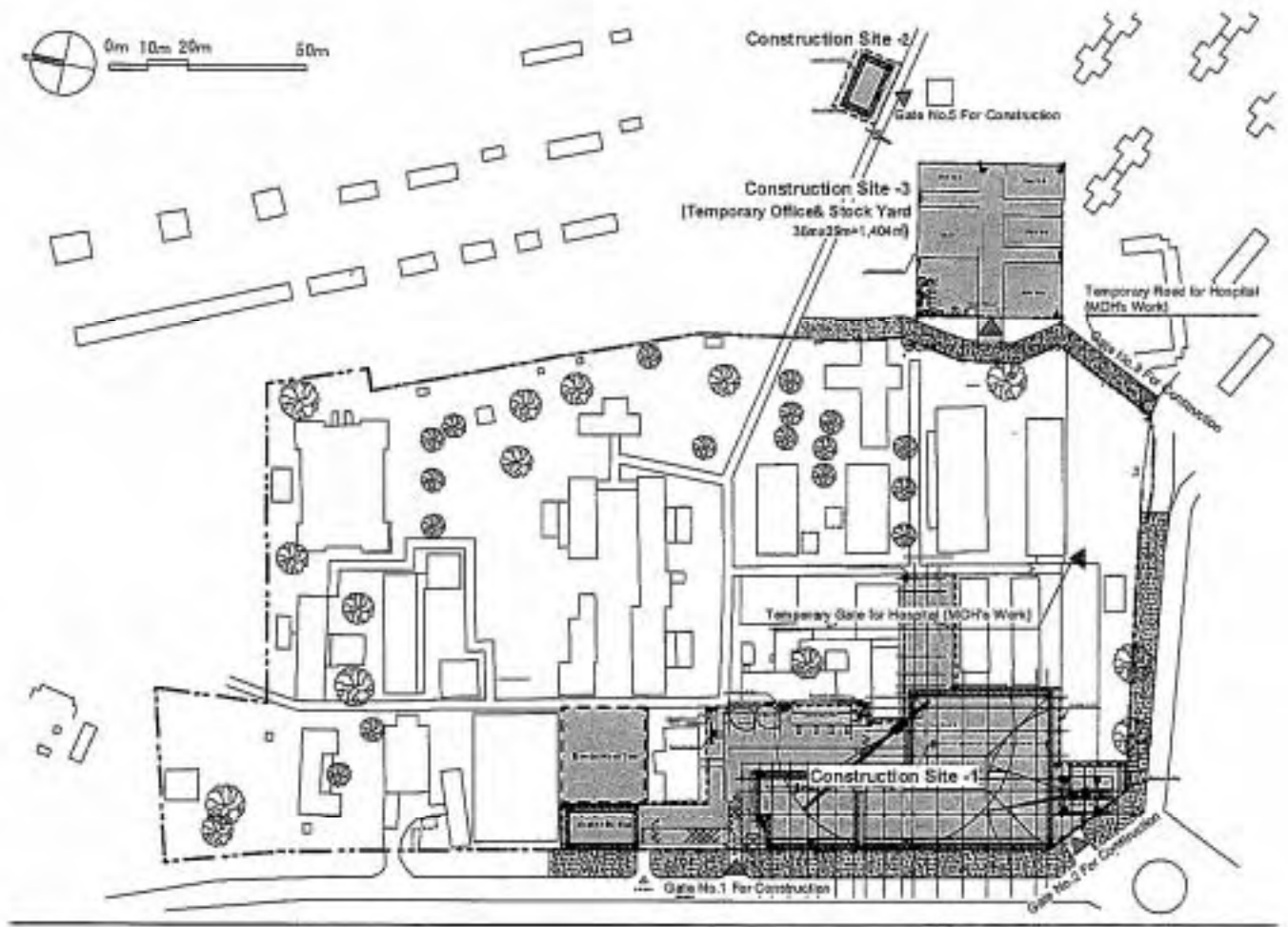
Cost and Schedule of Kenyan scope of works for Kisii District Hospital

Item	Cost	Schedule
1. Relocation of the existing gate and access road	2,000,000 KShs	April, 2007~June, 2007
2. Demolition of the existing facilities and building site preparation in the site of the cooperation project	1,500,000 KShs	April, 2007~June, 2007
3. Cost of transfer of the demolished facilities and replacement of existing infrastructure	500,000 KShs	June, 2007~July, 2007
4. Improvement of the power system	9,850,000 KShs	April, 2007~June, 2007
5. Purchase of general furniture (incl. Medical consultation desk set), and supplies	5,000,000 KShs	December, 2008~January, 2009
6. Bearing of the expenses of relocation to the newly built buildings	500,000 KShs	December, 2008~January, 2009
Total	19,350,000 KShs	

Cost and Schedule of Kenyan scope of works for Kericho District Hospital

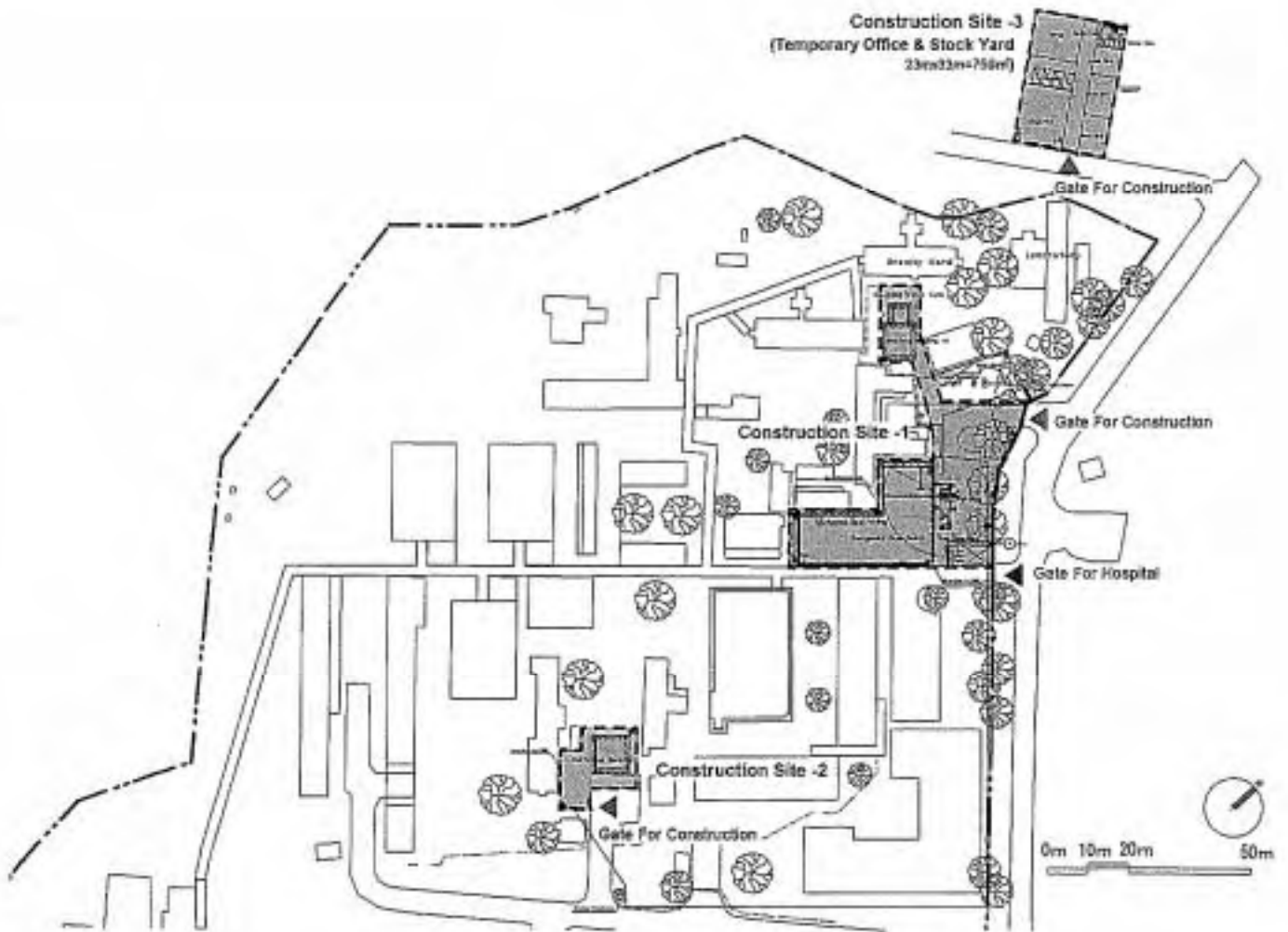
Item	Cost	Schedule
1. Demolition of the existing facilities and building site preparation in the site of the cooperation project	2,500,000 KShs	April, 2007~June, 2007
2. Cost of transfer of the demolished facilities and replacement of existing infrastructure	300,000 KShs	April, 2007~June, 2007
3. Improvement of the power system	1,373,440 KShs	April, 2007~June, 2007
4. Purchase of general furniture (incl. Medical consultation desk set), and supplies	1,000,000 KShs	December, 2008~January, 2009
5. Bearing of the expenses of relocation to the newly built buildings	300,000 KShs	December, 2008~January, 2009
Total	5,474,440 KShs	

Construction site for Kisii District Hospital



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Construction site for Kericho District Hospital



JUK

List of medical equipment**(1) Kisii district hospital**

Item no.	description	Qty
1. Casualty		
1-1 Treatment room-1		
A1- 1	Examination tables	2
A1- 2	Suction units	2
A1- 3	Resuscitators	1
1-2 Minor operating room		
A1- 4	Defibrillators	1
A1- 5	Operating table	1
A1- 6	Operating light	1
A1- 7	Instruments sterilizer	1
1-3 Recovery room		
A1- 8	Recovery beds	5
2. Out-patient department		
2-1 Psychiatry/ Internal medicine / Pediatrics / Surgery clinics		
A2- 1	X-ray film illuminators	3
A2- 2	Examination lights	4
A2- 3	Examination tables	4
2-2 ENT clinic		
A2- 4	ENT treatment chairs	2
A2- 5	ENT treatment units	2
A2- 6	Laryngoscopes	2
A2- 7	Nebulizer	1
2-3 Eye clinic		
A2- 8	Perimeter	1
A2- 9	Lens meter	1
A2- 10	Slit lamp microscopes	2
A2- 11	Refractometers	1
A2- 12	Hot air sterilizer	1
2-4 Dental clinic		
A2- 13	Dental units	2
A2- 14	Autoclave	1
A2- 15	Ultrasonic scalers	2

Item no.	description	Qty
3. Operating theatre		
3-1 Operating theatre		
A3- 1	Operating tables	3
A3- 2	Operating lights	3
A3- 3	Suction units	3
A3- 4	Anesthetic ventilators	2
A3- 5	Electrosurgical units	3
A3- 6	ECG monitor	1
A3- 7	Pulse oxymeters	3
A3- 8	General surgical sets	3
A3- 9	Dermatome	1
A3- 10	Recovery beds	3
A3- 11	Respirators	2
A3- 12	Desk-top autoclave	1
3-2 Highly Dependence Unit (HDU)		
A3- 13	Gatch beds	10
A3- 14	ECG monitor	4
A3- 15	Nebulizers	6
A3- 16	Defibrillators	1
3-3 Central sterilization supply dept. (CSSD)		
A3- 17	High pressure steam sterilizers	2
A3- 18	Instruments sterilizers	1
4. Maternity		
A4- 1	Delivery tables	5
A4- 2	Suction units	2
A4- 3	Fetal heart detectors	3
A4- 4	Labor beds	12
A4- 5	Recovery beds	8
A4- 6	Incubators	4
A4- 7	Infant warmers	2
A4- 8	Phototherapy units	2
A4- 9	Bilirubin meter	1

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Item no.	description	Qty
2-5 Ob/Gy clinic		
A2- 16	Examination table for Ob/Gy	1
A2- 17	Examination light	1
A2- 18	Ultrasonic diagnostic unit	1
A2- 19	Examination table	1
2-6 Radiology		
A2- 20	Mobile X-ray unit	1
A2- 21	Dental X-ray unit	1
A2- 22	X-ray film illuminator	1
2-7 Laboratory		
A2- 23	Binocular microscopes	2
A2- 24	Teaching binocular microscopes	2

A2- 25	Autoclave	1
A2- 26	Distillation unit	1
A2- 27	Centrifuge	1
A2- 28	Spectrophotometer	1
2-8 Treatment room-2 + 3		
A2- 29	Examination tables	2
A2- 30	Suction unit	1
A2- 31	Examination lights	2
2-9 Consultation room		
A2- 32	Examination lights	4

(2) Kericho district hospital

Item no.	Description	Qty
1. Casualty department		
1-1 Filter clinic		
B1- 1	Examination lights	2
B1- 2	X-ray film illuminators	2
1-2 Treatment room		
B1- 3	Laryngoscopes	2
B1- 4	Resuscitation bags	2
B1- 5	Suction units	2

Item no.	description	Qty
A4- 10	Nebulizers	3
A4- 11	Delivery lights	5
A4- 12	Resuscitator	1
A4- 13	Instruments sterilizer	1
A4- 14	Baby cots	6
A4- 15	Vacuum extractor	1
A4- 16	Examination table	1
5. Physiotherapy		
A5- 1	UV lamp	1
A5- 2	Shortwave diathermy	1
A5- 3	Infra-red lamp	1
A5- 4	Stimulators	1

6. Hospital maintenance unit (HMU)		
A6- 1	Tool for electric	1
A6- 2	Tool for mechanic	1
7. Eye surgery		
A7- 1	Operating table	1
A7- 2	Ophthalmology operating microscope	1
A7- 3	Operating light	1
A7- 4	Autoclave	1
A7- 5	Direct ophthalmoscope	1
A7- 6	Indirect ophthalmoscope	1

Item no.	description	Qty
3-5 ENT		
B3- 12	ENT treatment chair	1
B3- 13	ENT treatment unit	1
B3- 14	Laryngoscope	1
B3- 15	Nebulizer	1
3-6 Eye		
B3- 16	Examination light	1
B3- 17	Ophthalmoscope	1

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Item no.	Description	Qty
B1- 6	Autoclave	1
B1- 7-1	Stretchers	2
B1- 7-2	Examination tables	3

1-3 Minor operating room

B1- 8	Operating table	1
B1- 9	Operating light	1
B1- 10	Defibrillator	1

1-4 Recovery room

B1- 11	Recovery beds	5
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2. Operation theatre

B2- 1	Laryngoscope	1
B2- 2	Pulse oxymeter	1
B2- 3	Electrosurgical units	2
B2- 4	Orthopedic O/T table	1
B2- 5	Operating microscope	1
B2- 6	ECG monitors	2
B2- 7	Operation lights	3
B2- 8	General operation table	1
B2- 9	Dermatome	1
B2- 10	O/T table for Ob/Gy	1
B2- 11	Anesthetic ventilators	2
B2- 12	Suction units	2

3. Out patient department

3-1 Internal medicine / Surgery / Psychiatry clinics		
B3- 1	X-ray film illuminators	2
B3- 2	Examination tables	3
B3- 3	Examination sets	2
B3- 4	Ultrasonic diagnostic unit	1
B3- 5	Examination table for Ob/Gy	1

3-2 Ob/Gy clinic

B3- 6	Examination light	1
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3-3 Pediatrics

B3- 7	X-ray film illuminator	1
B3- 8	Examination table	1

Item no.	description	Qty
B3- 18	Slit lamp microscope	1

3-7 TB clinic

B3- 19	X-ray film illuminator	1
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4. Radiology

B4- 1	Mobile X-ray unit	1
B4- 2	X-ray film processor	1

5. Laboratory

B5- 1	Centrifuge	1
B5- 2	Microscope	1

6. Physiotherapy/Occupational therapy

B6- 1	Shortwave therapy unit	1
B6- 2	Microwave therapy unit	1
B6- 3	Infra-red lamp	1
B6- 4	Ultrasound machine	1
B6- 5	Stimulator	1
B6- 6	Wax therapy unit	1
B6- 7	Plaster cutter	1

7. Maternity

B7- 1	Suction machine	1
B7- 2	Fetal heart detectors	2
B7- 3	Delivery tables	2

8. Nursery

B8- 1	Baby cots	6
B8- 2	Phototherapy units	2
B8- 3	Incubators	4
B8- 4	Suction units	2
B8- 5	Resuscitators	2

9. MCH/FP

B9- 1	Fetal heart detector	1
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10. Hospital maintenance unit

(HMU)

B10- 1	Tool for electric	1
B10- 2	Tool for mechanic	1

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Item no.	Description	Qty
3-4 dental clinic		
B3- 9	Dental units	2
B3- 10	X-ray film processor	1
B3- 11	Ultrasonic scalers	2

Item no.	description	Qty
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JTC

NW