

Appendix

Appendix-1 Member List of the Study Team

(1) 1st Field Survey

Work Assignment	Name	Organizations
Team Leader	Keiko YAMAMOTO	JICA Expert
Planning Management	Satoshi NAKAMURA	Water Resources Management Division 2, Water Resources and Disaster Management Group, Global Environment Department, JICA
Study Team Leader/Water System Plan	Toru YAGI	NJS Consultants
WTP Design/Water Quality management/ System O&M 1	Atsushi TOYAMA	NJS Consultants
WTP Design/Water Quality management/ System O&M 2	Masanobu ISHIOKA	NJS Consultants (additional) Water Environment Consultant
Intake Facility Plan/Reservoir Plan	Dai-suke YASHIRO	NJS Consultants
Water Supply Pipe Plan	Masami TSUYUKI	NJS Consultants (additional) OPC
Pump Equipment Plan	Yasuaki KONDA	NJS Consultants
Electric Equipment Plan	Akio NATSUI	NJS Consultants
Social Survey/Environmental Social Consideration/Financial Analysis	Kenji TAKAYANAGI	NJS Consultants
Construction and Procurement Plan/ Cost Estimation	Yoshihiro KIRISHIMA	NJS Consultants
Assistant Water Supply Pipe Plan/ Work Coordination	Kou-ichi YONEDA	NJS Consultants

(2) Explanation of Draft Conceptual Design Report

Work Assignment	Name	Organizations
Team Leader	Yoshiki OMURA	JICA Expert
Planning Management	Satoshi NAKAMURA	Water Resources Management Division 2, Water Resources and Disaster Management Group, Global Environment Department, JICA
Study Team Leader/Water System Plan	Toru YAGI	NJS Consultants
Intake Facility Plan/Reservoir Plan	Dai-suke YASHIRO	NJS Consultants

Appendix-2 Study Schedule

(1) 1st Field Survey

Date	DoW	JICA Member		Consultant Member									Assistant Water Supply Pipe Plan /Work Coordination
		Team Leader	Planning Management	Study Team Leader/Water System Plan	WTP Design /Water Quality Management /System O&M 1	WTP Design /Water Quality Management /System O&M 2	Intake Facility Plan /Reservoir Plan	Water Supply Pipe Plan	Pump Equipment Plan	Electric Equipment Plan	Social Survey /Environmental Social Consideration /Financial Analysis	Construction and Procurement Plan/ Cost Estimation	
1	2/13	Mon	NRT (Narita) — DOH (Doha)		NRT (Narita) — DXB (Dubai)								
2	2/14	Tue	DOH (Doha) — NBO (Nairobi)		DXB (Dubai) — NBO (Nairobi)								
3	2/15	Wed	Visit JICA Office/Meeting with MWI/Transfer to Narok			Visit JICA Office/Meeting with MWI/Transfer to Narok	NRT (Narita) — DXB (Dubai)	NRT (Narita) — DXB (Dubai)					NRT (Narita) — DXB (Dubai)
4	2/16	Thu	Meeting with NARWASSCO/Field Survey			Meeting with NARWASSCO/Field Survey	DXB (Dubai) — NBO (Nairobi)	DXB (Dubai) — NBO (Nairobi)					DXB (Dubai) — NBO (Nairobi)
5	2/17	Fri	Field Survey/meeting with RV-WSB			Field Survey/Meeting with RV-WSB	Field Survey/Meeting with RV-WSB	Field Survey/Meeting with RV-WSB					Field Survey/Meeting with RV-WSB
6	2/18	Sat	Discussion with Technical Cooperation Team/Move to Nairobi			Discussion with Technical Cooperation Team/Move to Nairobi	Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
7	2/19	Sun	Minutes Meeting/Report Preparation			Minutes Meeting/Report Preparation	Report Preparation	Report Preparation					Report Preparation
8	2/20	Mon	Minutes Meeting with MWI and RV-WSB			Minutes Meeting with MWI and RV-WSB	Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
9	2/21	Tue	Minutes Signing/Report to Japanese Embassy			Minutes Signing/Report to Japanese Embassy	Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
10	2/22	Wed	Report to JICA Office/ NBO (Nairobi) — DOH (Doha)		Report to JICA Office		Report to JICA Office	Data Collection/Field Survey	Data Collection/Field Survey				Data Collection/Field Survey
11	2/23	Thu	DOH (Doha) — NRT (Narita)		Move to Narok		Move to Narok	Data Collection/Field Survey	Data Collection/Field Survey				Data Collection/Field Survey
12	2/24	Fri			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
13	2/25	Sat			Team Meeting		Team Meeting	Team Meeting					Team Meeting
14	2/26	Sun			Report Preparation		Report Preparation	Report Preparation					Report Preparation
15	2/27	Mon			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
16	2/28	Tue			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
17	2/29	Wed			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
18	3/1	Thu			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
19	3/2	Fri			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
20	3/3	Sat			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey					Data Collection/Field Survey
21	3/4	Sun			Report Preparation		Report Preparation	Report Preparation					Report Preparation
22	3/5	Mon			Team Meeting		Team Meeting	Team Meeting					Team Meeting
23	3/6	Tue			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey			NRT (Narita) — DXB (Dubai)	NRT (Narita) — DXB (Dubai)	Data Collection/Field Survey
24	3/7	Wed			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey			DXB (Dubai) — NBO (Nairobi)	DXB (Dubai) — NBO (Nairobi)	Data Collection/Field Survey
25	3/8	Thu			Interim Reporting to JICA Office		Interim Reporting to JICA Office	Interim Reporting to JICA Office			Data Collection/Field Survey	Data Collection/Field Survey	Interim Reporting to JICA Office
26	3/9	Fri			Interim Reporting to NARWASSCO		Interim Reporting to NARWASSCO	Interim Reporting to NARWASSCO			Data Collection/Field Survey	Data Collection/Field Survey	Interim Reporting to NARWASSCO
27	3/10	Sat			Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey			Data Collection/Field Survey	Data Collection/Field Survey	Data Collection/Field Survey
28	3/11	Sun			Report Preparation		Report Preparation	Report Preparation			Report Preparation	Report Preparation	Report Preparation
29	3/12	Mon			Team Meeting		NBO (Nairobi) — DXB (Dubai)	Team Meeting	Team Meeting	Team Meeting	Team Meeting	Team Meeting	Team Meeting
30	3/13	Tue			Data Collection/Field Survey		DXB (Dubai) — NRT (Narita)	Data Collection/Field Survey	Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey	Data Collection/Field Survey
31	3/14	Wed			Data Collection/Field Survey			Data Collection/Field Survey	Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey	Data Collection/Field Survey
32	3/15	Thu			Data Collection/Field Survey			Data Collection/Field Survey	Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey	Data Collection/Field Survey
33	3/16	Fri			Data Collection/Field Survey			Data Collection/Field Survey	Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey	Data Collection/Field Survey
34	3/17	Sat			Data Collection/Field Survey			Data Collection/Field Survey	Data Collection/Field Survey		Data Collection/Field Survey	Data Collection/Field Survey	Data Collection/Field Survey
35	3/18	Sun			Report Preparation			Report Preparation	Report Preparation		Report Preparation	Report Preparation	Report Preparation
36	3/19	Mon			Team Meeting			Team Meeting	Team Meeting		Team Meeting	Team Meeting	Team Meeting
37	3/20	Tue			Conceptual Design			Conceptual Design	Conceptual Design		EIA Survey	Cost Estimation	Conceptual Design
38	3/21	Wed			Conceptual Design		NRT (Narita) — DXB (Dubai)	Conceptual Design	Conceptual Design		EIA Survey	Cost Estimation	Conceptual Design
39	3/22	Thu			Conceptual Design		DXB (Dubai) — NBO (Nairobi)	Conceptual Design	Conceptual Design		EIA Survey	Cost Estimation	Conceptual Design
40	3/23	Fri			Conceptual Design		Conceptual Design	Conceptual Design	Conceptual Design		EIA Survey	Cost Estimation	Conceptual Design
41	3/24	Sat			Conceptual Design		Conceptual Design	Conceptual Design	Conceptual Design		EIA Survey	Cost Estimation	Conceptual Design
42	3/25	Sun			NBO (Nairobi) — DXB (Dubai)		Report Preparation	Report Preparation	Report Preparation		Report Preparation	Report Preparation	Report Preparation
43	3/26	Mon			DXB (Dubai) — NRT (Narita)		Team Meeting	Team Meeting	Team Meeting		Team Meeting	Team Meeting	Team Meeting
44	3/27	Tue					Conceptual Design	Conceptual Design	Conceptual Design		EIA Survey	Cost Estimation	Conceptual Design
45	3/28	Wed			Interim Reporting to JICA Office			Conceptual Design	Conceptual Design		EIA Survey	Cost Estimation	Conceptual Design
46	3/29	Thu			Conceptual Design			Conceptual Design	NBO (Nairobi) — DXB (Dubai)		EIA Survey	Cost Estimation	NBO (Nairobi) — DXB (Dubai)
47	3/30	Fri			T/N Discussion			Conceptual Design	DXB (Dubai) — NRT (Narita)		EIA Survey	Cost Estimation	DXB (Dubai) — NRT (Narita)
48	3/31	Sat			Conceptual Design		Conceptual Design	Conceptual Design		NRT (Narita) — DXB (Dubai)	NRT (Narita) — DXB (Dubai)	EIA Survey	Cost Estimation
49	4/1	Sun			Report Preparation		Report Preparation	Report Preparation		DXB (Dubai) — NBO (Nairobi)	DXB (Dubai) — NBO (Nairobi)	Report Preparation	Report Preparation
50	4/2	Mon					Team Meeting	Team Meeting		Team Meeting	Team Meeting	Team Meeting	
51	4/3	Tue			Conceptual Design		Conceptual Design	Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
52	4/4	Wed			Conceptual Design		Conceptual Design	Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
53	4/5	Thu			Conceptual Design		Conceptual Design	Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
54	4/6	Fri			Conceptual Design		Conceptual Design	Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
55	4/7	Sat			Conceptual Design		Conceptual Design	Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
56	4/8	Sun			Report Preparation		Report Preparation	Report Preparation		Report Preparation	Report Preparation	Report Preparation	Report Preparation
57	4/9	Mon					Conceptual Design	Team Meeting		Team Meeting	Team Meeting	Team Meeting	
58	4/10	Tue			Conceptual Design		Conceptual Design	Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
59	4/11	Wed			Conceptual Design		Conceptual Design	Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
60	4/12	Thu			Conceptual Design		Conceptual Design	Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
61	4/13	Fri			Report to Stakeholders/NARWASSCO			Report to Stakeholders/NARWASSCO		Report to Stakeholders/NARWASSCO	Report to Stakeholders/NARWASSCO	Report to Stakeholders/NARWASSCO	Report to Stakeholders/NARWASSCO
62	4/14	Sat			Conceptual Design		Conceptual Design	Conceptual Design		Report Preparation	Report Preparation	EIA Survey	Cost Estimation
63	4/15	Sun			Report Preparation		Report Preparation	Report Preparation		Report Preparation	Report Preparation	Report Preparation	Report Preparation
64	4/16	Mon			Report Survey Results to MWI/NBO — DXB			Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
65	4/17	Tue			DXB (Dubai) — NRT (Narita)			Conceptual Design		Conceptual Design	Conceptual Design	EIA Survey	Cost Estimation
66	4/18	Wed						NBO (Nairobi) — DXB (Dubai)		NBO (Nairobi) — DXB (Dubai)	NBO (Nairobi) — DXB (Dubai)	NBO (Nairobi) — DXB (Dubai)	NBO (Nairobi) — DXB (Dubai)
67	4/19	Thu						DXB (Dubai) — NRT (Narita)		DXB (Dubai) — NRT (Narita)	DXB (Dubai) — NRT (Narita)	DXB (Dubai) — NRT (Narita)	DXB (Dubai) — NRT (Narita)

Note) DoW A Day of the Week

(2) Explanation on Draft Outline Design Report

Date		DoW	JICA Member		Consultant Member	
			Team Leader	Planning Management	Study Team Leader/Water System Plan	Intake Facility Plan/ Reservoir Plan
1	10/7	Sun	NRT – DOH		NRT – DXB	
2	10/8	Mon	DOH – NBO		DXB – NBO	
3	10/9	Tue	Meeting with JICA Office, Explanation of DF/R and discussion with MWI • RV-WSB • NARWASSCO			
4	10/10	Wed	Meeting with JICA Office, Explanation of DF/R and discussion with MWI • RV-WSB • NARWASSCO			
5	10/11	Thu	Minutes discussion			
6	10/12	Fri	Minutes signing, courtesy visit to Embassy of Japan			

Appendix-3 List of Parties Concerned in the Recipient Country

(1) Ministry of Water and Irrigation

Eng.David Stower	Parmanent Secretary
Eng.Peter O.Mangiti	Director,Land Reclamation & Head,Donor Coordination Unit
Mr.Isaac.G.Kimani	Head of Donor Coordination (Asia & Pacific)
Eng.Gatere Kuria	Deputy Director, Water Service Division
Mr.S.Kibachio	Engineer, Construction Division

(2) Rift Valley Water Services Board

Eng.Japheth Mutai	Chief Executive Officer
Henry.K.Cheruiyot	Assets Development Officer

(3) Narok Water and Sewage Services Company (NARWASSCO)

Mr. Wilson L.Pere	Managing Director
Mr. Jones A.Kidiavai	Technical Director

(4) Embassy of Japan in Kenya

Hiroshi MATSUURA	First Secretary
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(5) JICA Kenya Office

Junichi HANAI	Deputy Director
Katsuhito YOSHIDA	Regional Project Formulation Advisor
Yumi TOKUDA	Representative
Mr.John N.Ngugi	Senior Programe Officer

Appendix-4 Minutes of Discussions

4-1 Minutes of Meeting (M/D) in the 1st Field Survey

**MINUTES OF DISCUSSIONS
ON THE PREPARATORY SURVEY
ON THE PROJECT FOR
AUGMENTATION OF WATER SUPPLY SYSTEM IN NAROK TOWN
IN THE REPUBLIC OF KENYA**


In response to a request from the Government of the Republic of Kenya (hereinafter referred to as “Kenya”), the Government of Japan decided to conduct the Preparatory Survey on the Project for Augmentation of Water Supply System in Narok Town (hereinafter referred to as “the Project”) and entrusted the survey to the Japan International Cooperation Agency (hereinafter referred to as “JICA”).

JICA sent to Kenya the Preparatory Survey Team (hereinafter referred to as “the Team”) headed by Eng. Keiko YAMAMOTO, Senior Advisor, JICA, and is scheduled to stay in the country from February 14th to April 18th, 2012.


The Team held discussions with the officials concerned of the Government of Kenya and conducted a field survey in Narok Town.

In the course of discussions and field survey, both parties confirmed the main items described on the attached sheets. The Team will proceed to further works and prepare the Preparatory Survey Report.


Nairobi, February 21st, 2012



Eng. Keiko YAMAMOTO
Leader
Preparatory Survey Team
Japan International Cooperation Agency



Eng. David Stower, CBS, OGW
Permanent Secretary
Ministry of Water and Irrigation
The Republic of Kenya



Eng. Japheth Mutai
Chief Executive Officer
Rift Valley Water Services Board
The Republic of Kenya

1. Objective of the Project

The objective of the project is to improve the water supply condition in Narok Town through the construction and rehabilitation of water supply facilities.

2. Project Area

The Project area is as shown in Annex-1.

3. Responsible and Implementing Organization

- 3-1. The Responsible Organization is the Ministry of Water and Irrigation (hereinafter referred to as "MWI").
- 3-2. The Implementing organization is the Rift Valley Water Services Board (hereinafter referred to as "RV-WSB"), which has contracted Narok Water and Sewerage Services Company (hereinafter referred to as "NARWASSCO") to provide water services in Narok Town.
- 3-3. The organization charts of the implementing organization are shown in Annex-2A and 2B.

4. Contents requested by the Government of Kenya

After a series of discussions, Kenyan side and Japanese side (hereinafter collectively referred to as "Both sides") confirmed that contents requested by the government of Kenya are shown in Annex-3. The Team explained that the contents of the Project are subject to change depending on the results of the survey and analysis in Japan and that the final contents will be agreed upon by both sides during the explanation of draft final report around October 2012, and the Kenyan side understood it.

5. Japan's Grant Aid Scheme

The Team explained the Japan's Grant Aid Scheme as described in Annex-4, and the Kenyan side understood it.

- 5-1. The Kenyan side will take necessary measures as described in Annex-5 for smooth implementation of the Project, as a condition for the Japan's Grant Aid to be implemented.
- 5-2. The Team will report to the Kenyan side if there are any other undertakings based on the result of this survey.
- 5-3. The Team emphasized water supply facilities provided by the Project must be utilized effectively and continuously and the Kenyan side promised it.
- 5-4. The Team explained that implementation of the Preparatory Survey is not a commitment of the approval of the Project.

6. Schedule of the Survey

- 6-1. The consultant will proceed to undertake further surveys in Kenya until 18th April 2012 for the field survey.
- 6-2. JICA will prepare the draft final report in English and dispatch a mission to Kenya in order to explain its contents around October 2012.
- 6-3. In case that the contents of the draft final report are accepted in principle by the Kenyan side, JICA will complete the final report and send it to the Kenyan side around November 2012.

7. Other Relevant Issues

7-1. Target Year and Water Demand

Both sides agreed that the target year of the Project will be the year 2020, and water demand of the target year will be estimated based on the census 2009.

7-2. Revision of the Water Act 2002

The Kenyan side explained on the current status of the revision of the Water Act 2002, and clearly mentioned that it would not make any influence on the Project.

7-3. Water Supply Service Area

Water supply service area covered by the Project will be the existing service area and some of unserved areas which will be determined after the survey based on the consideration of priority.

7-4. Water Supply System

1) Location of the New Water Intake

Both sides confirmed that the location of the new water intake to be constructed in the Project will be in the upper part of Enkare Narok River, about 3km North of Narok Town Center.

2) Water Treatment Plant

The existing water treatment plant will be utilized with limited rehabilitation by the Project based on the evaluation of actual capacity, and a new water treatment plant will be constructed to meet the water demand of the target year at about 1.5 km southeast of the new water intake.

3) Distribution Facilities

- a) Existing distribution facility which is assessed to be continuously available will be

utilized.

- b) Distribution main will be basically replaced or newly installed by the Project, and some of secondary distribution pipe will also be replaced or newly installed by the Project, based on the consideration of the necessity and priority.
- c) In addition to b) mentioned above, some of secondary pipes, service pipes and water meters for the part of the project area will be procured by the Project. The Kenyan side agreed and shall start to install them during the construction stage of the Project and complete by target year by its own expenses to achieve the outcome of the Project. Quantity of the materials procured will be determined after the survey but the procured items will not necessarily cover the whole project area.
- d) Water supply method of distribution to be applied in the Project will be divided into the following two categories, based on the consideration on such as population density and water charge affordability of the residents;
 - individual supply
 - kiosk

7-5. Land Acquisition

The Team requested and the Kenyan side agreed that all land to be utilized for the proposed sites for new water intake, raw water transmission main, new water treatment plant and new clear water reservoir will be secured by the Kenyan side by the middle of April 2012, or at the latest before the time of the mission for explanation of draft final report which is expected around October 2012.

7-6. Acquisition of Water Right

The Kenyan side explained that NARWASSCO has a water right to take 2,500m³/day from Enkare Narok River at present, and also explained that it is required to apply for new water right to the Water Resources Management Authority (WARMA) to take required amount of water for the Project from Enkare Narok River at the site of the new water intake. Kenyan side assured to take the right by the middle of April 2012, and to bear the necessary expenses.

7-7. Approval of EIA

The Team assured that preliminary design report for EIA will be prepared by April 2012.

The Kenyan side assured to carry out the EIA for the Project, submit EIA report to National Environment Management Authority (NEMA), to obtain approval from NEMA by November 2012 and to bear the necessary expenses.

7-8. Coordination with Other Projects

The Team requested the Kenyan side to take necessary coordination with other projects planned or conducted by NARWASSCO itself as well as by other development partners in order to avoid duplication with the Project and to create synergy effect. The Team also requested the Kenyan side that any new plan related to the Project should be informed to the Japanese side in advance. The Kenyan side agreed to these points.

7-9. Counterpart Budget

The Team requested the Kenyan side to prepare the necessary counterpart budget in time of the project implementation and the Kenyan side agreed to it.

7-10. Soft Component

Both sides agreed the necessity of capacity building for NARWASSCO as a soft component program of the Japan's Grant Aid for adequate operation and maintenance, pipe installation works and sound management of the water supply.

7-11. Undertakings by the Kenyan Side

The Team requested to the Kenyan side to abide by undertakings listed below for the smooth implementation of the survey and the Project, and in addition to the undertakings mentioned above and major undertakings described in Annex-5.

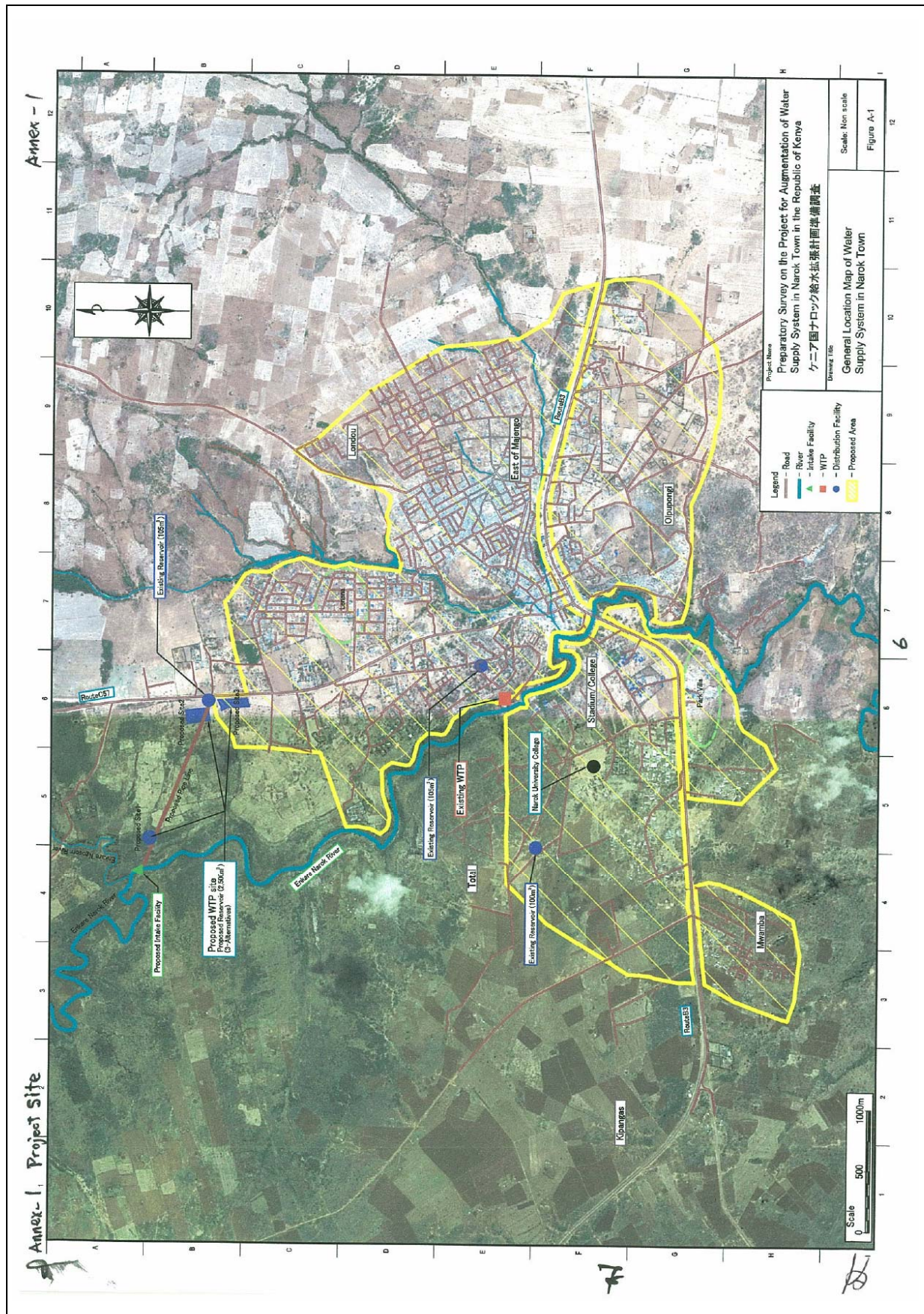
- (1) To provide the Team with available relevant data, information and materials necessary for the execution of the survey,
- (2) To prepare answers to the Questionnaire presented by the Team,
- (3) To assign necessary number of counterpart personnel (C/Ps) to the Team during their stay in Kenya to undertake the following roles:
 - To make appointments and set up meetings with relevant authorities wherever the Team intends to visit,
 - To attend and conduct the Team during the site survey and make the necessary arrangement to secure working rooms for the Team,
 - To provide information on available accommodation for the Team during the survey,
 - To advise the Team for their collection of data and information as much as possible,
- (4) To secure any permissions for the Team to take photographs and to enter into private properties and restricted areas for proper execution of the survey,
- (5) To allow the Team to bring back to Japan the necessary data, information, maps and materials related to the survey, in order to prepare the survey reports,

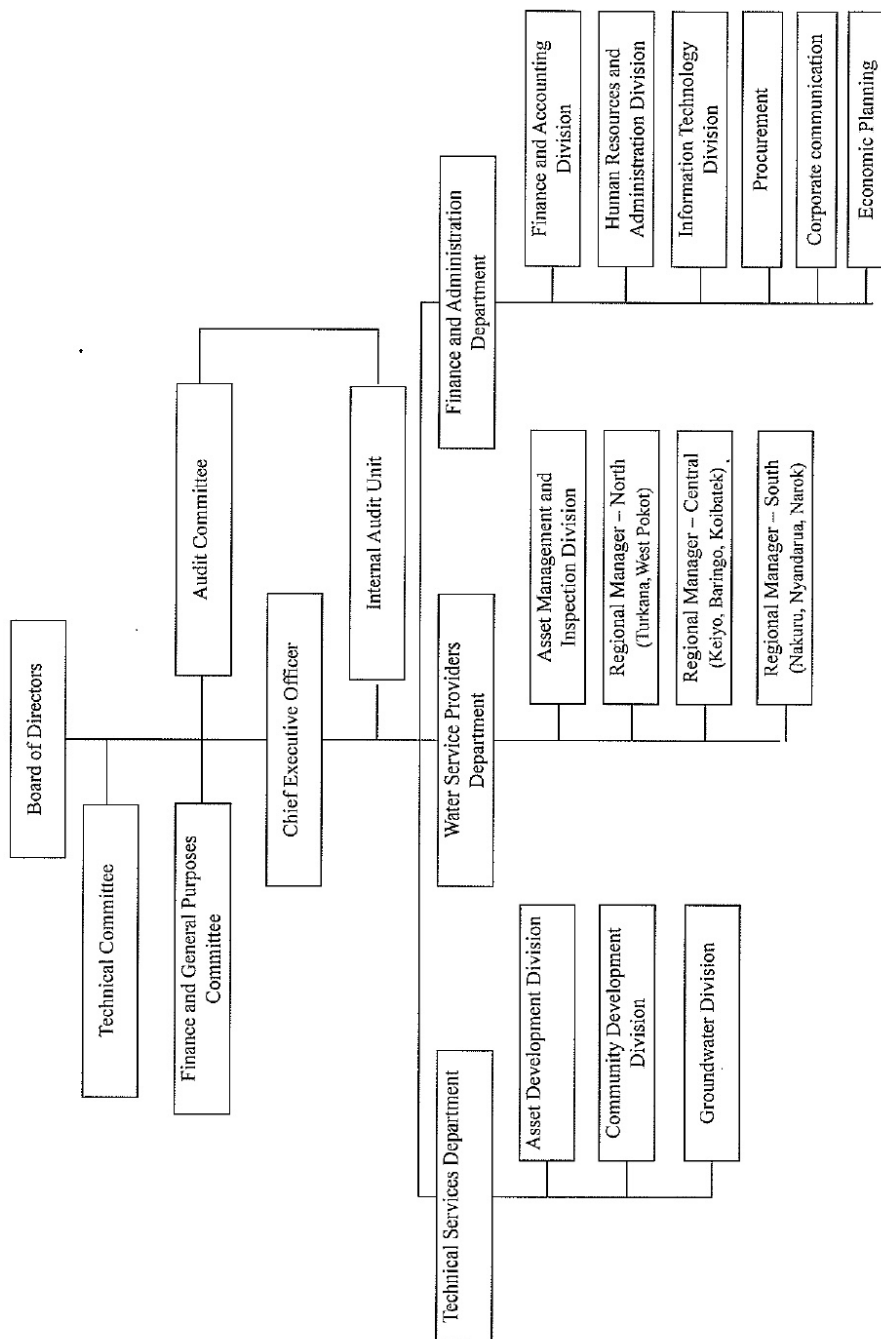
- (6) To construct the gates and fences in and around the site and
- (7) To distribute power line to the facilities during the Project.

(END)

Annex:

- Annex-1 Project Site
- Annex-2 Organization Chart of the Implementation Organization
- Annex-3 Contents Requested by the Government of Kenya
- Annex-4 Japan's Grant Aid Scheme
- Annex-5 Major Undertakings to be Taken by Each Government





source: RV-WSB

Annex-2A Organization Chart of Rift Valley Water Services Board (RV-WSB)

Contents Requested by the Government of Kenya

NO.	Component	Specification
1. Construction and Rehabilitation of Facilities		
1)	New Water Intake Facility, which includes intake pumps and generator	1 No
2)	New Raw Water Transmission Main – 300mm dia	1.5 km
3)	Rehabilitation of the Existing Water Treatment Plant (1,000 m ³ /day)	1 Lot
4)	New Water Treatment Plant (4,000m ³ /day), which includes generator, chemical dosing facilities and laboratory with chemical store house	1 Lot
5)	New Clear Water Reservoir (2,500 m ³ /day)	1 No
6)	Rehabilitation of Existing Clear Water Reservoir	4 No
7)	New Distribution Pipes with accessories	25 km
8)	New Kiosks	1 Lot
2. Procurement of Equipment		
1)	Chemical Dosing Facility and Laboratory Equipment for Water Quality Analysis for existing water treatment plant	1 Set
2)	Desktop Computer with Printer	1 Set
3)	Distribution Pipes Materials	1 Lot
4)	Service Pipes, Meters and Meter Calibration Equipment	1 Lot
3. Soft Component		
1)	Capacity building for operation and maintenance, pipe installation works and management of the water supply	1 Lot

JAPAN'S GRANT AID

The Government of Japan (hereinafter referred to as “the GOJ”) is implementing the organizational reforms to improve the quality of ODA operations, and as a part of this realignment, a new JICA law was entered into effect on October 1, 2008. Based on this law and the decision of the GOJ, JICA has become the executing agency of the Grant Aid for General Projects, for Fisheries and for Cultural Cooperation, etc.

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

1. Grant Aid Procedures

The Japanese Grant Aid is supplied through following procedures :

- Preparatory Survey
 - The Survey conducted by JICA
- Appraisal & Approval
 - Appraisal by the GOJ and JICA, and Approval by the Japanese Cabinet
- Authority for Determining Implementation
 - The Notes exchanged between the GOJ and a recipient country
- Grant Agreement (hereinafter referred to as “the G/A”)
 - Agreement concluded between JICA and a recipient country
- Implementation
 - Implementation of the Project on the basis of the G/A

2. Preparatory Survey

(1) Contents of the Survey

The aim of the preparatory Survey is to provide a basic document necessary for the appraisal of the Project made by the GOJ and JICA. The contents of the Survey are as follows:

- Confirmation of the background, objectives, and benefits of the Project and also institutional capacity of relevant agencies of the recipient country necessary for the implementation of the Project.
- Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from a technical, financial, social and economic point of view.





- Confirmation of items agreed between both parties concerning the basic concept of the Project.
- Preparation of a outline design of the Project.
- Estimation of costs of the Project.

The contents of the original request by the recipient country are not necessarily approved in their initial form as the contents of the Grant Aid project. The Outline Design of the Project is confirmed based on the guidelines of the Japan's Grant Aid scheme.

JICA requests the Government of the recipient country to take whatever measures necessary to achieve its self-reliance in the implementation of the Project. Such measures must be guaranteed even though they may fall outside of the jurisdiction of the organization of the recipient country which actually implements the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country based on the Minutes of Discussions.

(2) Selection of Consultants

For smooth implementation of the Survey, JICA employs (a) registered consulting firm(s). JICA selects (a) firm(s) based on proposals submitted by interested firms.

(3) Result of the Survey

JICA reviews the Report on the results of the Survey and recommends the GOJ to appraise the implementation of the Project after confirming the appropriateness of the Project.

3. Japan's Grant Aid Scheme

(1) The E/N and the G/A

After the Project is approved by the Cabinet of Japan, the Exchange of Notes(hereinafter referred to as "the E/N") will be signed between the GOJ and the Government of the recipient country to make a pledge for assistance, which is followed by the conclusion of the G/A between JICA and the Government of the recipient country to define the necessary articles to implement the Project, such as payment conditions, responsibilities of the Government of the recipient country, and procurement conditions.

(2) Selection of Consultants

In order to maintain technical consistency, the consulting firm(s) which conducted the Survey will be recommended by JICA to the recipient country to continue to work on the Project's implementation after the E/N and G/A.

(3) Eligible source country

Under the Japanese Grant Aid, in principle, Japanese products and services including transport or those of the recipient country are to be purchased. When JICA and the Government of the recipient country or its designated authority 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, constructing and procurement firms, and the prime consulting firm are limited to "Japanese nationals".

(4) 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 JICA. This "Verification" is deemed necessary to fulfill accountability to Japanese taxpayers.

(5) Major undertakings to be taken by the Government of the Recipient Country

In the implementation of the Grant Aid Project, the recipient country is required to undertake such necessary measures as Annex.

(6) "Proper Use"

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

(7) "Export and Re-export"

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

(8) Banking Arrangements (B/A)

- a) The Government of the recipient country or its designated authority should open an account under the name of the Government of the recipient country in a bank in Japan (hereinafter referred to as "the Bank"). JICA 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 JICA under an Authorization to Pay (A/P) issued by the Government of the recipient country or its designated authority.

(9) Authorization to Pay (A/P)

The Government of the recipient country should bear an advising commission of an Authorization to Pay and payment commissions paid to the Bank.

(10) Social and Environmental Considerations

A recipient country must carefully consider social and environmental impacts by the Project and must comply with the environmental regulations of the recipient country and JICA socio-environmental guidelines.