

付属資料

資料-1 調査団員・氏名

(1) 第1次現地調査

担 当	氏 名	所 属
総括	山本 敬子	JICA 国際協力専門員
計画管理	中村 覚	JICA 地球環境部水資源・防災グループ 水資源第二課
業務主任／上水道計画	八木 徹	(株)エヌジェーエス・コンサルタンツ
浄水場計画設計/水質管理/ 施設運転維持管理 1	外山 篤	(株)エヌジェーエス・コンサルタンツ
浄水場計画設計/水質管理/ 施設運転維持管理 2	石岡 正信	(株)エヌジェーエス・コンサルタンツ(補強) (株)水環コンサルタント
取水施設計画設計/配水池計画設計	八代 大輔	(株)エヌジェーエス・コンサルタンツ
管路計画設計	露木 雅美	(株)エヌジェーエス・コンサルタンツ(補強) (株)オーピーシー
ポンプ設備計画設計	近田 泰章	(株)エヌジェーエス・コンサルタンツ
電気設備計画設計	夏井 明生	(株)エヌジェーエス・コンサルタンツ
社会調査/環境社会配慮/経営分析	高柳 建二	(株)エヌジェーエス・コンサルタンツ
施工・調達計画/積算	桐島 佳宏	(株)エヌジェーエス・コンサルタンツ
管路計画設計補助/業務調整	米田 洸一	(株)エヌジェーエス・コンサルタンツ

(2) 概略設計概要書説明

担 当	氏 名	所 属
総括	大村 良樹	JICA 国際協力専門員
計画管理	中村 覚	JICA 地球環境部水資源・防災グループ 水資源第二課
業務主任／上水道計画	八木 徹	(株)エヌジェーエス・コンサルタンツ
取水施設計画設計/配水池計画設計	八代 大輔	(株)エヌジェーエス・コンサルタンツ

資料-2 調査行程
(1) 第1次現地調査

日程	曜日	JICA団員				コンサルタント団員							
		総括	計画管理	業務主任 / 上水道計画	浄水場計画設計 / 水質管理 / 施設運転維持管理1	浄水場計画設計 / 水質管理 / 施設運転維持管理2	取水施設計画設計 / 配水池計画設計	管路計画設計	ポンプ設備計画設計	電気設備計画設計	社会調査 / 環境社会配慮 / 経営分析	施工・調設計画/積算	管路計画設計補助 / 業務調整
1	2/13	月	NRT(成田) - DOH(ドーハ)		NRT(成田) - DXB(ドバイ)		NRT(成田) - DXB(ドバイ)						
2	2/14	火	DOH(ドーハ) - NBO(ナイロビ)		DXB(ドバイ) - NBO(ナイロビ)		DXB(ドバイ) - NBO(ナイロビ)						
3	2/15	水	JICA事務所/MWI協議/ナロック移動				JICA事務所/MWI協議/ナロック移動		NRT(成田) - DXB(ドバイ)				NRT(成田) - DXB(ドバイ)
4	2/16	木	NARWASSCOと協議/現地調査				NARWASSCOと協議/現地調査		DXB(ドバイ) - NBO(ナイロビ)		DXB(ドバイ) - NBO(ナイロビ)		DXB(ドバイ) - NBO(ナイロビ)
5	2/17	金	現地調査/RV-WSBと協議				現地調査/RV-WSBと協議		現地調査/RV-WSBと協議		現地調査/RV-WSBと協議		現地調査/RV-WSBと協議
6	2/18	土	技プロと意見交換/ナイロビへ移動				技プロと意見交換/ナイロビへ移動		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
7	2/19	日	ミニッツ案協議/報告書作成				ミニッツ案協議/報告書作成		報告書作成		報告書作成		報告書作成
8	2/20	月	ミニッツ案についてMWIとRV-WSB				ミニッツ案についてMWIとRV-WSB		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
9	2/21	火	ミニッツ署名/大使館報告				ミニッツ署名/大使館報告		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
10	2/22	水	JICA事務所へ報告/ NBO(ナイロビ) - DOH(ドーハ)		JICA事務所へ報告		JICA事務所へ報告		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
11	2/23	木	DOH(ドーハ) - NRT(成田)		ナロックへ移動		ナロックへ移動		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
12	2/24	金			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
13	2/25	土			団内協議		団内協議		団内協議		団内協議		団内協議
14	2/26	日			報告書作成		報告書作成		報告書作成		報告書作成		報告書作成
15	2/27	月			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
16	2/28	火			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
17	2/29	水			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
18	3/1	木			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
19	3/2	金			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
20	3/3	土			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
21	3/4	日			報告書作成		報告書作成		報告書作成		報告書作成		報告書作成
22	3/5	月			団内協議		団内協議		団内協議		団内協議		団内協議
23	3/6	火			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
24	3/7	水			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
25	3/8	木			JICA事務所へ中間報告		JICA事務所へ中間報告		JICA事務所へ中間報告		JICA事務所へ中間報告		資料収集/現地調査
26	3/9	金			NARWASSCOへ中間報告		NARWASSCOへ中間報告		NARWASSCOへ中間報告		NARWASSCOへ中間報告		資料収集/現地調査
27	3/10	土			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
28	3/11	日			報告書作成		報告書作成		報告書作成		報告書作成		報告書作成
29	3/12	月			団内協議		NBO(ナイロビ) - DXB(ドバイ)		団内協議		団内協議		団内協議
30	3/13	火			資料収集/現地調査		DXB(ドバイ) - NRT(成田)		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
31	3/14	水			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
32	3/15	木			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
33	3/16	金			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
34	3/17	土			資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査		資料収集/現地調査
35	3/18	日			報告書作成		報告書作成		報告書作成		報告書作成		報告書作成
36	3/19	月			団内協議		団内協議		団内協議		団内協議		団内協議
37	3/20	火			概略設計		NRT(成田) - DXB(ドバイ)		概略設計		概略設計		概略設計
38	3/21	水			概略設計		DXB(ドバイ) - NBO(ナイロビ)		概略設計		概略設計		概略設計
39	3/22	木			概略設計				概略設計		概略設計		概略設計
40	3/23	金			概略設計				概略設計		概略設計		概略設計
41	3/24	土			概略設計				概略設計		概略設計		概略設計
42	3/25	日			NBO(ナイロビ) - DXB(ドバイ)		報告書作成		報告書作成		報告書作成		報告書作成
43	3/26	月			DXB(ドバイ) - NRT(成田)		団内協議		団内協議		団内協議		団内協議
44	3/27	火					概略設計		概略設計		概略設計		概略設計
45	3/28	水			JICA事務所へ中間報告		概略設計		概略設計		概略設計		概略設計
46	3/29	木			概略設計		概略設計		NBO(ナイロビ) - DXB(ドバイ)		概略設計		NBO(ナイロビ) - DXB(ドバイ)
47	3/30	金			T/N協議		概略設計		DXB(ドバイ) - NRT(成田)		概略設計		DXB(ドバイ) - NRT(成田)
48	3/31	土			概略設計		概略設計		概略設計		概略設計		概略設計
49	4/1	日			報告書作成		報告書作成		報告書作成		報告書作成		報告書作成
50	4/2	月			団内協議		団内協議		団内協議		団内協議		団内協議
51	4/3	火			概略設計		概略設計		概略設計		概略設計		概略設計
52	4/4	水			概略設計		概略設計		概略設計		概略設計		概略設計
53	4/5	木			概略設計		概略設計		概略設計		概略設計		概略設計
54	4/6	金			概略設計		概略設計		概略設計		概略設計		概略設計
55	4/7	土			概略設計		概略設計		概略設計		概略設計		概略設計
56	4/8	日			報告書作成		報告書作成		報告書作成		報告書作成		報告書作成
57	4/9	月			概略設計		団内協議		団内協議		団内協議		団内協議
58	4/10	火			概略設計		概略設計		概略設計		概略設計		概略設計
59	4/11	水			概略設計		概略設計		概略設計		概略設計		概略設計
60	4/12	木			概略設計		概略設計		概略設計		概略設計		概略設計
61	4/13	金			ステークホルダー/NARWASSCO報告		ステークホルダー/NARWASSCO報告		ステークホルダー/NARWASSCO報告		ステークホルダー/NARWASSCO報告		ステークホルダー/NARWASSCO報告
62	4/14	土			概略設計		概略設計		概略設計		概略設計		概略設計
63	4/15	日			報告書作成		報告書作成		報告書作成		報告書作成		報告書作成
64	4/16	月			MWI調査結果報告/ NBO - DXB		概略設計		概略設計		概略設計		概略設計
65	4/17	火			DXB(ドバイ) - NRT(成田)		概略設計		概略設計		概略設計		概略設計
66	4/18	水					NBO(ナイロビ) - DXB(ドバイ)		NBO(ナイロビ) - DXB(ドバイ)		NBO(ナイロビ) - DXB(ドバイ)		NBO(ナイロビ) - DXB(ドバイ)
67	4/19	木					DXB(ドバイ) - NRT(成田)		DXB(ドバイ) - NRT(成田)		DXB(ドバイ) - NRT(成田)		DXB(ドバイ) - NRT(成田)

(2) 概略設計概要書説明

日付	曜日	JICA 団員		コンサルタント団員		
		総括	計画管理	業務主任/ 上水道計画	取水施設計画設計/ 配水池計画設計	
1	10/7	日	NRT（成田）－DOH（ドーハ）		NRT（成田）－DXB（ドバイ）	
2	10/8	月	DOH（ドーハ）－NBO（ナイロビ）		DXB（ドバイ）－NBO（ナイロビ）	
3	10/9	火	JICA 事務所と協議、MWI・RV-WSB・NARWASSCO に DF/R 説明・協議			
4	10/10	水	JICA 事務所と協議、MWI・RV-WSB・NARWASSCO に DF/R 説明・協議			
5	10/11	木	ミニッツ協議			
6	10/12	金	ミニッツ署名、大使館挨拶、JICA 事務所報告			

資料-3 関係者(面会者)リスト

(1) Ministry of Water and Irrigation

Dr.David Stower	Parmanent Secretary
Eng.Peter O.Mangiti	Director, Land Reclamation & Head, Donor Coordination Unit
Mr.Isaac.G.Kimani	Head/Asia & Pacific Desk

(2) Rift Valley Water Services Board

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

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

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

(4) Embassy of Japan in Kenya

松浦 宏	一等書記官 経済協力班長
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(5) Jica Kenya Office

花井 淳一	次長
吉田 克人	広域企画調査員 給水担当
徳田 由美	環境分野担当
Mr.John N.Ngugi	Senior Programme Officer

資料-4 協議議事録(M/D)及び技術協議書(T/N)

4-1 第一回現地調査 討議議事録(M/D)

**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

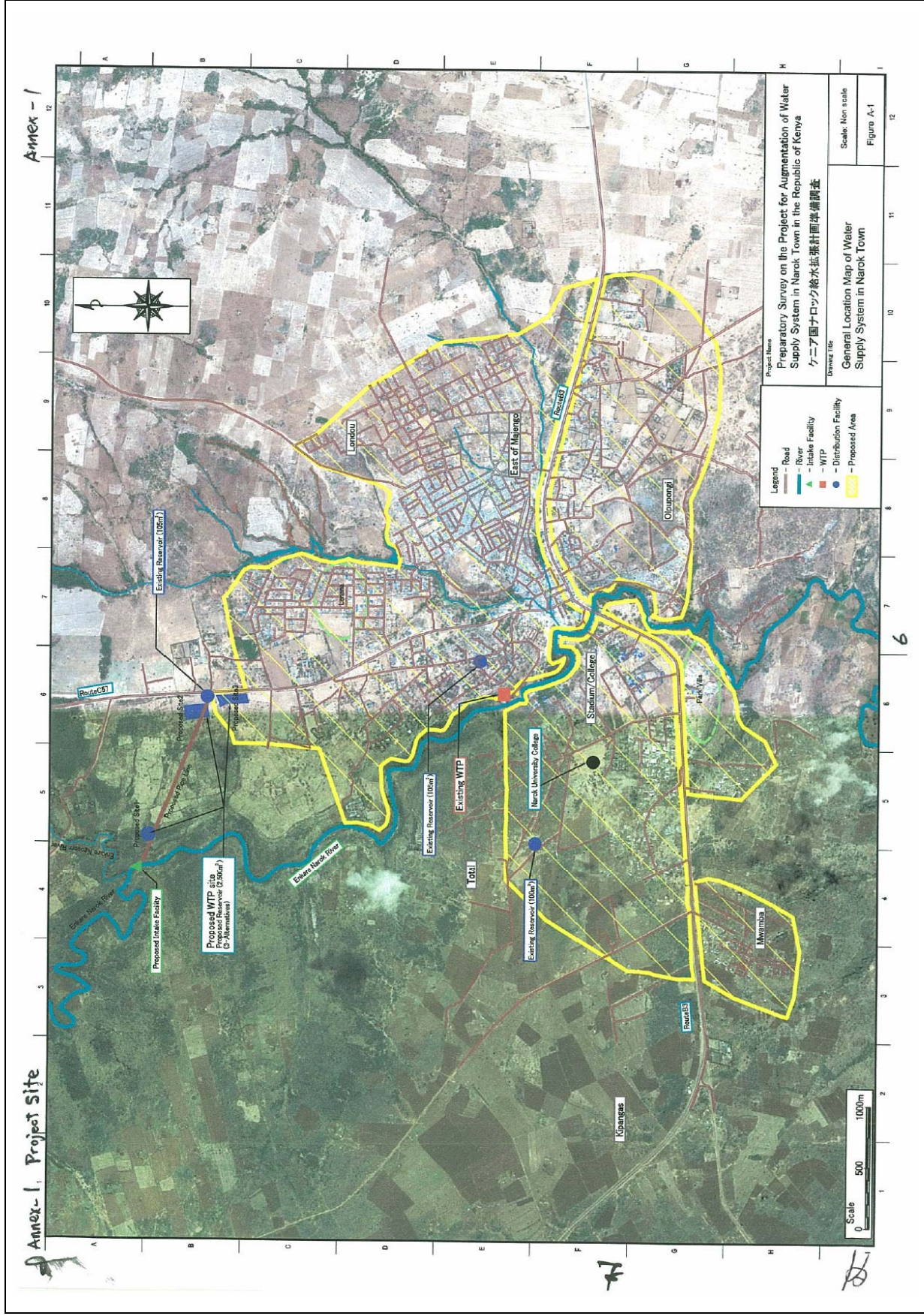
Annex-4 Japan's Grant Aid Scheme

Annex-5 Major Undertakings to be Taken by Each Government

2

7

10



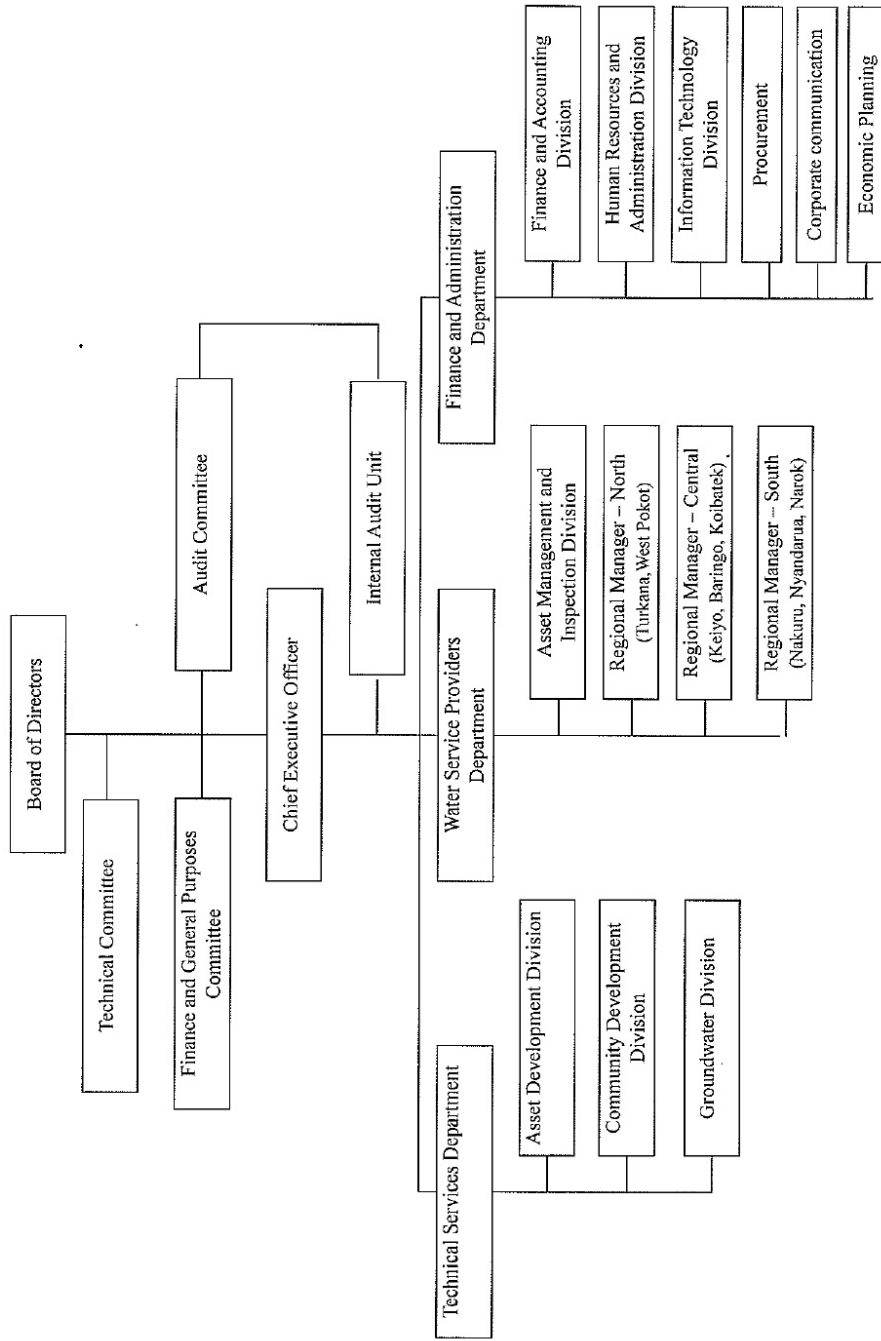
Legend

- Road
- River
- Intake Facility
- WTP
- Distribution Facility
- Proposed Area

Project Name
 Preparatory Survey on the Project for Augmentation of Water Supply System in Narok Town in the Republic of Kenya
 ケニア国ナロク給水拡張計画準備調査

Owner Title
 General Location Map of Water Supply System in Narok Town

Scale Non scale
Figure A-1



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.

