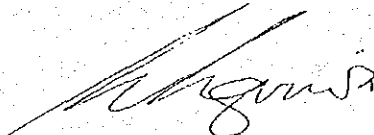


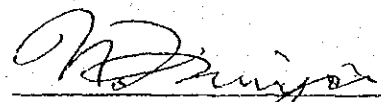
Attachment 1

Minutes of Meeting for the Study

MINUTES OF MEETINGS
FOR
THE STUDY
ON
THE NATIONAL IRRIGATION MASTER PLAN
IN
THE UNITED REPUBLIC OF TANZANIA
AGREED UPON BETWEEN
THE MINISTRY OF AGRICULTURE AND FOOD SECURITY
THE UNITED REPUBLIC OF TANZANIA
AND
THE JAPAN INTERNATIONAL COOPERATION AGENCY

Dar Es Salaam, 10, April, 2001


Mr. Wilfred Ngirwa
Permanent Secretary
Ministry of Agriculture and Food Security
The United Republic of Tanzania


Mr. Norio KUNIYASU
Leader
The Preparatory Study Team
Japan International Cooperation Agency

In response to the request of the Government of The United Republic of Tanzania (hereinafter referred to as "GOT"), the Preparatory Study Team (hereinafter referred to as "the Team") headed by Mr. KUNIYASU Norio was sent to The United Republic of Tanzania by the Japan International Cooperation Agency from 18th March, to 11th April, 2001.

The Team held a series of discussions in relation to the Scope of the Study on National Irrigation Master Plan (hereinafter referred to as "the Study") with representatives of the Ministry of Agriculture and Food Security of GOT (hereinafter referred to as "MAFS") and other relevant organizations. The list of participants in the series of meetings is attached as ANNEX 1. The following were agreed upon by both Tanzanian and Japanese sides in relation to the Study.

1. Title of the Study

Both sides agreed that the title of the study should be changed from "The Master Plan Study on National Irrigation Development Promotion" to "The Study on National Irrigation Master Plan".

2. Undertakings

Refer to the undertakings of the GOT written in the Scope of Works, MAFS expressed difficulties in providing vehicle(s), a photocopy machine, a personal computer, an air conditioner, a facsimile and an electric generator by its own expense to the Study Team and requested JICA to make the arrangements of such equipment. The Team promised to convey the requests to the Government of Japan.

JICA requested MAFS to make necessary arrangement in providing temporary office space(s) in Dar Es Salaam preferably within the proximity of the Irrigation Section office and in the respective zonal irrigation unit office in the prioritized area(s) which will be decided in the course of the Study. MAFS promised to undertake this responsibility.

3. Counterpart Agency

Both sides confirmed that MAFS acts as a counterpart agency to the Study Team and also as a coordinating and guiding body in relation with other governmental and non-governmental organizations and donors concerned for the smooth implementation of the Study. Both sides also confirmed that

the Study will be implemented under the cooperative manner between both sides, with respect of the ownership of GOT.

4. Target Year

MAFS requested that the duration of the Master Plan should be set forth 15 years, taking into consideration of the existing irrigation master plan (National Irrigation Development Plan) target year as 2014.

5. Steering Committee

For the smooth and effective implementation of the Study, both sides agreed upon the need for establishment of a steering committee consisting of representatives from the following ministries and organizations before the commencement of the Study.

- (1) Ministry of Agriculture and Food Security
- (2) President's Office, Planning and Privatization Commission
- (3) President's Office, Regional Administration and Local Government
- (4) Vice President's Office, Environment Department
- (5) Prime Minister's Office
- (6) Ministry of Finance
- (7) Ministry of Water and Livestock Development
- (8) Ministry of Natural Resources and Tourism
- (9) Ministry of Energy and Minerals
- (10) Ministry of Lands and Human Settlement Development
- (11) JICA Tanzania Office
- (12) Embassy of Japan (as an observer)
- (13) Any other co-opted members

6. Counterpart Personnel

MAFS promised to assign the necessary number of counterpart personnel for the Study Team from the organizations concerned. The member list of counterpart personnel is attached as ANNEX 2.

MAFS expressed difficulties in providing travel allowance for them and requested JICA to make necessary arrangements, because of the budget limitation.

7. Counterpart Training in Japan

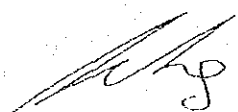
MAFS requested the training of counterpart personnel on specific relevant subjects in Japan for the efficient implementation of the Study. The Team promised to convey it to the Government of Japan.

8. Workshop/Stakeholder Meeting

Both sides agreed to hold the workshops and/or stakeholder meetings for recognizing the process and outputs of the Study among related actors.

9. Data Base

The Tanzanian side requests to establish an irrigation data base. The Japanese side promised to examine the matter in the course of the Study in consultation with the Tanzanian side.



(A) LIST OF MAFS STAFF MET BY THE JICA PREPARATORY STUDY TEAM

- | | |
|-------------------------|--|
| 1. Mr. W. NGIRWA | Permanent Secretary |
| 2. Dr. N. P. SICILIMA | Director of Crop Development |
| 3. Mrs. J. BITEGEKO | Director of Policy and Planning |
| 4. Eng. G. M. KALINGA | Assistant Director for Irrigation |
| 5. Eng. A. H. SIMBA | Irrigation Engineer |
| 6. Eng. D. B. E. URASSA | Civil Engineer |
| 7. Mr. P. MAFURU | Agricultural Economist, Head of Monitoring and Evaluation Unit |
| 8. Mr. A. L. SIMUKANGA | Environmental Engineer |
| 9. Eng. F. MBOGO | Irrigation Engineer |
| 10. Eng. I. MASENZA | Water Resources Engineer |
| 11. Mrs. E. NNYITI | Soil Scientist, Zonal Irrigation Unit, Morogoro |
| 12. Eng. C. K. CHIZA | National Project Coordinator, Rehabilitation of Traditional Irrigation Project |
| 13. Eng. A. E. R. ISSAE | Civil Engineer |
| 14. Dr. J. NOZAKA | Irrigation Advisor(JICA expert) |

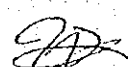
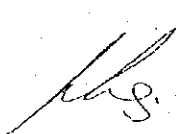
(B) LIST OF PARTICIPANTS FOR STAKEHOLDERS MEETING ON THE NATIONAL IRRIGATION MASTER PLAN STUDY

- | | |
|-------------------------|--|
| 1. Mr. W. NGIRWA | Permanent Secretary, MAFS |
| 2. Dr. N. P. SICILIMA | Director of Crop Development, MAFS |
| 3. Eng. R. J. MTEMU | Head of Technical Advisory Unit, ASPS |
| 4. Mr. P. J. ZOUTEWELLE | Irrigation Advisor, ASPS, DANIDA |
| 5. Dr. S. LUGEYE | Agricultural Advisor, Ireland Aid |
| 6. Mr. E. OCLEIRIGH | Programme Officer, Ireland Aid |
| 7. Mr. J. SALMON | Rural Livelihoods Advisor, DFID |
| 8. Mr. G. S. NGAREYA | Assistant Director, Prime Minister's Office |
| 9. Dr. I. K. ALOO | Senior Forest Officer, Ministry of Natural Resources & Tourism |
| 10. Ms. M. TAKADA | Programme Officer, WFP |
| 11. Mr. J.K. KABYMER | Programme Officer, FAO |
| 12. Mr. H. V. PEDERSEN | Chief Technical Advisor, ASPS, DANIDA |
| 13. Eng. G. M. KALINGA | Assistant Director for Irrigation, MAFS |
| 14. Eng. A. H. SIMBA | Irrigation Engineer, MAFS |
| 15. Dr. J. NOZAKA | Irrigation Advisor, MAFS |
| 16. Mr. N. ITO | Second Secretary, Embassy of Japan |
| 17. Mr. I. RUGEMALILE | Economist, Embassy of Japan |
| 18. Mr. Y. SASAOKA | Special Advisor, JICA |

19. Mr. R. SASAKI Advisor, JICA
20. Mr. Y. AIZAWA Advisor, JICA
21. Mr. S. OKUBO Advisor, JICA

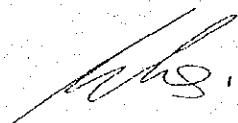
(C) List of the Preparatory Study Team, JICA

1. Mr. KUNIYASU Norio Leader, Irrigation Policy
2. Mr. MITSUGI Hiroto Member, Donor Coordination
3. Dr. YOSHIDA Koji Member, Farming
4. Mr. JITSUHIRO Noboru Member, Water Resources
5. Mr. FURUDONO Seigo Member, Irrigation/Agricultural Infrastructure
6. Mr. AZEGAMI Naoya Member, Agricultural Organization/Management
7. Mr. HAYASHI Kenji Member, Project Planning



LIST OF PROPOSED COUNTERPART PERSONNEL

1. Eng. A. H. SIMBA Irrigation/Civil Engineer (Irrigation HQ)
2. Mr. P. F. MAFURU Agricultural Economist (Irrigation HQ)
3. Mr. H. MEDADI Irrigation Agronomist (Irrigation HQ)
4. Mrs. E. NNYITI Soil Scientist (Morogoro Zonal Irrigation Unit)
5. Mr. I. MASENZA Water Resources Engineer/Hydrologist (Irrigation HQ)
6. Mr. R. KOMANGA Sociologist (Morogoro Zonal Irrigation Unit)

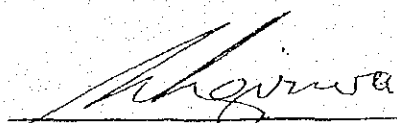


Attachment 2

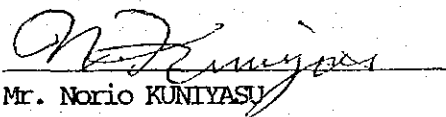
Minutes of Meeting for Scope of Work

SCOPE OF WORK
FOR
THE STUDY
ON
THE NATIONAL IRRIGATION MASTER PLAN
IN
THE UNITED REPUBLIC OF TANZANIA
AGREED UPON BETWEEN
THE MINISTRY OF AGRICULTURE AND FOOD SECURITY
THE UNITED REPUBLIC OF TANZANIA
AND
THE JAPAN INTERNATIONAL COOPERATION AGENCY

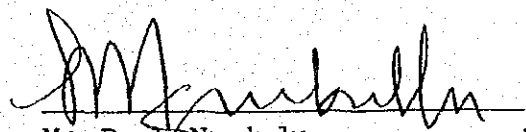
Dar Es Salaam, 10, April, 2001



Mr. Wilfred Ngirwa
Permanent Secretary
Ministry of Agriculture and Food Security
The United Republic of Tanzania



Mr. Norio KUNIYASU
Leader
The Preparatory Study Team
Japan International Cooperation Agency



Mr. P. J. Ngumbulu
Permanent Secretary
Ministry of Finance
The United Republic of Tanzania

I. INTRODUCTION

In response to the request of the Government of The United Republic of Tanzania (hereinafter referred to as "GOT"), the Government of Japan has decided to conduct the Study on National Irrigation Master Plan (hereinafter referred to as "the Study") in accordance with the relevant laws and regulations in force in Japan.

Accordingly, the Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programs of the Government of Japan, will undertake the Study in close cooperation with the authorities concerned of GOT.

The present document sets forth the scope of work with regard to the Study.

II. OBJECTIVES OF THE STUDY

The objectives of the Study are as follows:

- 2.1 To formulate the Master Plan in line with the prevailing policy, strategy and program of GOT, in particular, Agricultural Sector Development Strategy and Agricultural Sector Program;
- 2.2 To formulate the Implementation Plan in accordance with the priority which will be set in the Master Plan;
- 2.3 To conduct the Verification Study, aiming at capacity building for irrigation development; and
- 2.4 To carry out technology transfer to Tanzanian counterpart personnel through on-the-job training in the course of the Study.

III. STUDY AREA

- 3.1 The Master Plan Study will be carried out at national level for the whole country.
- 3.2 The Implementation Plan and the Verification Study will be examined in the area(s) prioritized in the Master Plan.

IV. SCOPE OF THE STUDY

In order to achieve the objectives above, the study shall consist of the following activities.

4.1 Phase 1

4.1.1 Data collection

- (a) To collect and review the existing information and/or data mainly on the following aspects;
- (i) Natural, social and economic conditions.
 - (ii) National, regional and district development policy/strategy/plan.
 - (iii) Agricultural and social infrastructure.
 - (iv) Water and land resources allocation.
 - (v) Operation and maintenance of existing agricultural facilities.
 - (vi) Water management.
 - (vii) Farming system.
 - (viii) Agricultural extension and credit.
 - (ix) Post harvesting and marketing.
 - (x) Environmental issues.
 - (xi) Others.
- (b) To conduct field surveys for supplementary data collection.

4.1.2 Formulation of the Master Plan

- (a) The Master Plan will mainly cover the following aspects;
- (i) Irrigation and drainage development.
 - (ii) Institutional building.
 - (iii) Water management.
 - (iv) Monitoring and evaluation.
 - (v) Others.
- (b) To select the priority area(s) in accordance with the social, economic, physical and environmental conditions.

4.2 Phase 2

4.2.1 Formulation of the Implementation Plan.

The Implementation Plan in the priority area(s) will be studied in response to the recommendation and content of the Master Plan.

4.3 Phase 3

4.3.1 Implementation of Verification Study.

To carry out the Verification Study among the Implementation Plan(s) for aiming at capacity building of stakeholders in irrigation development. The detail content of the Verification Study will be examined in Phase 2.

V. STUDY SCHEDULE

The Study will be carried out in accordance with the Tentative Schedule attached as Annex.

VI. REPORTS

JICA shall prepare and submit the following reports, written in English, to the GOT;

- (i) Inception Report for Phase 1:
Thirty (30) copies at the commencement of the Study.
- (ii) Progress Report for Phase 1:
Thirty (30) copies in the process of first work in Tanzania.
- (iii) Draft Master Plan Report:
Thirty (30) copies at the end of first work in Tanzania.
- (iv) Master Plan Report:
Fifty (50) copies at the beginning of second work in Tanzania.
- (v) Inception Report for Phase 2:
Thirty (30) copies at the beginning of second work in Tanzania.
- (vi) Progress Report for Phase 2:
Thirty (30) copies in the process of second work in Tanzania.
- (vii) Draft Implementation Plan Report:
Thirty (30) copies at the end of second work in Tanzania.
- (viii) Implementation Plan Report:
Fifty (50) copies at the beginning of third work in Tanzania.
- (ix) Inception Report for Phase 3:
Thirty (30) copies at the beginning of third work in Tanzania.
- (x) Progress Report for Phase 3:
Thirty (30) copies in the process of third work in Tanzania.
- (xi) Draft Verification Study Report:
Thirty (30) copies at the end of third work in Tanzania.
- (xii) Verification Study Report:
Fifty (50) copies at the fourth work in Tanzania.

Tanzanian side shall submit the comments on each Report at the

meetings/workshops to be held in the process of work in Tanzania.

VII. UNDERTAKING OF THE GOT

7.1 To facilitate the smooth conduct of the Study, GOT shall take necessary measures:

- (i) To secure the safety of the Study Team:
- (ii) To permit the members of the Study Team to enter, leave and sojourn in Tanzania for the duration of their assignment therein, and exempt them from alien registration requirements and consular fees:
- (iii) To exempt the members of the Study Team from taxes, duties and other charges on equipment, machinery and other materials to be brought into and out of Tanzania for the conduct of the Study in accordance with the laws and regulations existing in Tanzania.
- (iv) To exempt the members of the Study Team from income tax and charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the Study Team for their services in connection with the implementation of the Study;
- (v) To provide necessary facilities to the Study Team for remittance as well as utilization of the funds introduced into Tanzania from Japan in connection with the implementation of the Study;
- (vi) To secure permission for the Study Team to enter private properties or restricted areas for the implementation of the Study;
- (vii) To secure permission for the Study Team to take all data and documents, including photographs and maps, relevant to the Study out of Tanzania to Japan for the purpose of the Study, and
- (viii) To provide medical services as needed. Its expenses will be chargeable to members of the Study Team.

7.2 The GOT shall bear claims, if any arises, against members of the Study Team resulting from, occurring in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the members of the Study Team.

7.3 The Ministry of Agriculture and Food Security (hereinafter referred to as MAFS) shall act as a counterpart agency to the Study Team and

also as a coordinating and guiding body in relation with other governmental organizations and non-governmental organizations concerned for smooth implementation of the Study.

7.4 MAFS shall, at its own expense and in cooperation with other organizations concerned, provide the Study Team with the following;

- (i) Available data and information related to the Study,
- (ii) Counterpart personnel,
- (iii) Suitable office space with necessary equipment in Dar Es Salaam, and
- (iv) Credentials or identification cards.

VIII. UNDERTAKING OF JICA

For the implementation of the study, JICA shall take the following measures;

- (i) To dispatch, at its own expense, study teams to Tanzania, and,
- (ii) To pursue technology transfer to the Tanzanian counterpart personnel in the course of the Study.

IX. CONSULTATION

JICA and MAFS shall maintain constant communication and consult with each other in respect of any matters that may arise from or in connection with the Study.



TENTATIVE SCHEDULE

MONTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							
WORK IN TANZANIA	[Hatched Box]							[Hatched Box]							[Hatched Box]						[Hatched Box]																
WORK IN JAPAN	[Box]										[Box]										[Box]												[Box]				
REPORT	△ ①						△ ②	△ ③	△ ④and⑤								△ ⑥	△ ⑦	△ ⑧and⑨							△ ⑩	△ ⑪	△ ⑫									
PHASE	← PHASE1											← PHASE2							← PHASE3 →																		

- ① Inception Report for Phase 1
- ② Progress Report for Phase 1
- ③ Draft Master Plan Report
- ④ Master Plan Report
- ⑤ Inception Report for Phase 2
- ⑥ Progress Report for Phase 2

- ⑦ Draft Implementation Plan Report
- ⑧ Implementation Plan Report
- ⑨ Inception Report for Phase 3
- ⑩ Progress Report for Phase 3
- ⑪ Draft Verification Study Report
- ⑫ Verification Study Report

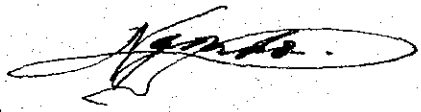
Attachment 3

Minutes of Meeting on Inception Report

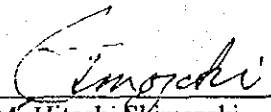
MINUTES OF MEETING
ON
INCEPTION REPORT
FOR
THE STUDY
ON
THE NATIONAL IRRIGATION MASTER PLAN
IN
THE REPUBLIC OF TANZANIA

The Study Team arrived in Tanzania on November 5, 2001, for commencement of the 1st field work in Phase I of the Study on the National Irrigation Master Plan (hereinafter referred to as "the Study"), and submitted thirty (30) copies of the Inception Report to the Ministry of Agriculture and Food Security (hereinafter referred to as "MAFS"), in accordance with the Scope of Work for the Study signed between MASF and the Japan International Cooperation Agency (hereinafter referred to as "JICA") on April 10, 2001.

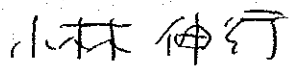
Meetings on the Report were held twice, namely with officials of MAFS and the Steering Committee on November 6, 2001. In the meetings, the Study Team explained the contents of the Report and further highlighted the outline, basic concept and basic approach of the Study. Thereafter, a series of discussions was made among them. As a result of the discussions, in principle the Report was agreed by both sides. The main issues discussed by the both sides and the list of participants are shown in ANNEXES attached hereto.



Mr. Wilfred Ngirwa
Permanent Secretary
Ministry of Agriculture and Food Security
The United Republic of Tanzania
Date: November 9, 2001



Mr. Hitoshi Shimazaki
Leader
The Study Team
Date: November 9, 2001



Mr. Nobuyuki Kobayashi
Leader
The Advisory Team
Japan International Cooperation Agency
Date: November 9, 2001

Main Issues Confirmed and Agreed at the Meetings

1. Technical Issues

Both sides agreed to:

- (1) Preparation of selection criteria on existing irrigation projects for problem analysis
- (2) Re-consideration of screening criteria for inventory survey for existing irrigation schemes, especially for elimination of smaller irrigation schemes (10 ha to 50 ha)
- (3) Consistency with Agriculture Sector Development Program (ASDP)
- (4) Establishment of data base and Web site for information sharing
- (5) Review of NIDP in cooperation with other donor(s)
- (6) Establishment of appropriate irrigation development level for Master Plan Study
- (7) Execution of IEE
- (8) Methodology on data and information collection on irrigation schemes by interview and questionnaire

2. Operational Issues

- (1) Provision of counterpart personnel

It was confirmed that MAFS would provide the Study Team with the counterpart personnel in the light of the assignment schedule of the Study Team.

- (2) Travel allowance for counterpart personnel

In reply to the payment request of travel allowance for counterpart personnel by MAFS, the JICA Advisory Team explained that it would be discussed with the Study Team.

- (3) Steering Committee

Both sides confirmed that a Steering Committee should function as a final decision making board for the Study.

- (4) Stakeholder Meeting

Both sides confirmed that a Stakeholder Meeting should be a place where the opinions were exchanged on the matters related to the Study.

- (5) Office for the Study Team

MAFS agreed to arrangement of adequate office spaces for the Study Team in MAFS building.

3. Other Issue

MAFS requested the Japanese side to hold conferences related to the Study in the course of the Study.

List of Participants

1. Tanzanian Side

(1) Ministry of Agriculture and Food Security

- | | |
|------------------------|--|
| (a) Mr.A.Ngondo | Acting Permanent Secretary |
| (b) Ms.S.E.Kaduma | Acting Director of Policy and Planning |
| (c) Mr.A.H.Simba | Acting Assistant Director of Irrigation Services |
| (d) Mr.A.A.Mbwele | Assistant Director, Agricultural Machinery and Inputs |
| (e) Mr.E.D.M.Mlay | Acting Director of Training Institutes |
| (f) Mr.Mbogo Futakamba | Irrigation Engineer |
| (g) Mr.B.K.Nkuba | Irrigation Engineer |
| (h) Mr.P.Mafuru | Agriculture Economist |
| (i) Mr.A.D.Lwena | Agricultural Engineer |
| (j) Mr.R.R.Komanga | Sociologist |
| (k) Mr.P.H.I.Assenga | Irrigation Engineer |
| (l) Mr.M.Z.Lumbadia | Acting National Project Coordinator, Agricultural Sector Program Support |
| (m) Mr.A.L.Simukanga | Environmental Engineer |
| (n) Mr.R.I.Rushomesa | Land Use Planner |
| (o) Ms.R.A.Kweka | Soil Scientist |
| (p) Mr.P.Zoutewelle | Irrigation Advisor, Agricultural Sector Program Support |
| (q) Dr.Jiro Nozaka | Irrigation Advisor |

(2) Steering Committee

- | | |
|------------------------|--|
| (a) Mr.A.Ngondo | Acting Permanent Secretary, MAFS |
| (b) Ms.S.E.Kaduma | Acting Director of Policy and Planning, MAFS |
| (c) Mr.A.H.Simba | Acting Assistant Director of Irrigation Services, MAFS |
| (d) Mr.Mbogo Futakamba | Irrigation Engineer, MAFS |
| (e) Mr.B.K.Nkuba | Irrigation Engineer, MAFS |
| (f) Mr.P.Mafuru | Agriculture Economist, MAFS |
| (g) Mr.A.D.Lwena | Agricultural Engineer, MAFS |
| (h) Mr.A.L.Simukanga | Environmental Engineer, MAFS |
| (i) Mr.E.W.Ndikilo | Director of Planning, RUBADA |
| (j) Mr.A.L.Masanja | Senior Planning Officer, RUBADA |
| (k) Mr.Richard Musingi | Principal Planning Officer, RALG/DPP, Presidents' Office |
| (l) Mr.F.D.N.Mukome | Senior Forestry Officer, Ministry of Natural Resources & Tourism |
| (m) Ms.B.A.Kibano | Land Officer, Ministry of Lands and Human Settlements |

- | | |
|--------------------|---|
| (n) Mr.E.S.Maponde | Economist, Planning and Privatization, Presidents' Office |
| (o) Dr.Jiro Aikawa | Senior Scientist, SOFRAIP |
| (p) Dr.A.Sugimoto | Rural Development Advisor, RALG/DPP, Presidents' Office |

2. Japanese Side

- | | |
|----------------------------|--------------------------------|
| (1) JICA Advisory Team | |
| (a) Mr. Nobuyuki Kobayashi | Leader |
| (b) Mr. Kenji Hayashi | Staff |
| (2) JICA Tanzania Office | |
| (a) Mr. Hiroyuki Kinomoto | Deputy Resident Representative |
| (3) JICA Study Team | |
| (a) Mr. Hitoshi Shimazaki | Leader |
| (b) Mr. Shuichi Matushima | Staff |
| (c) Mr. Eiji Maeda | Staff |

Attachment 4

Minutes of Meeting on Progress Report 1

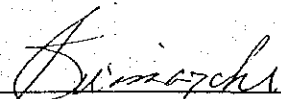
MINUTES OF MEETING
ON
PROGRESS REPORT 1
FOR
THE STUDY
ON
THE NATIONAL IRRIGATION MASTER PLAN
IN
THE REPUBLIC OF TANZANIA

In accordance with the Scope of Work for the Study on the National Irrigation Master Plan in the United Republic of Tanzania (hereinafter referred to as "NIMP"), signed between the Ministry of Agriculture and Food Security (hereinafter referred to as "MAFS") and the Japan International Cooperation Agency (hereinafter referred to as "JICA") on April 10, 2001, the Study Team submitted thirty (30) copies of the Progress Report 1 to the MAFS. The Report presents the results of field work executed for about 3 months from beginning of November 2001 to end of January 2002.

In connection with the Progress Report 1, the Steering Committee Meeting was held on January 24, 2002 at the conference room of MAFS. In the meeting, the Study Team explained the contents of the Report, focusing on findings, basic concept for formulation of Master Plan and preliminary identification of irrigation development potential. This was followed by discussions on the contents of the Report among the Participants. As a result of the discussions, the contents of the Report were accepted by the Steering Committee. The main issues discussed among Participants and the list of Participants are shown in ANNEXES attached hereto.



Mr. Wilfred Ngirwa
Permanent Secretary
Ministry of Agriculture and Food Security
The United Republic of Tanzania
Date: January 26, 2002

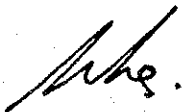


Mr. Hitoshi Shimazaki
Leader
The Study Team
Date: January 26, 2002

(ANNEX I)

Main Issues Confirmed and Agreed at the Meeting

- (1) The 3 prioritized irrigation schemes stipulated in the NIDP, which are (i) Priority 1: Rehabilitation or Upgrading of Traditional Irrigation Schemes, (ii) Priority 2: Schemes based on Water Harvesting Technology, and (iii) Priority 3: New Smallholder Schemes, should be followed by the NIMP.
- (2) The NIMP should be formulated giving consideration to environmental aspects.
- (3) The NIMP should take into consideration the concept of river basin management in order to minimize water conflict among water users.
- (4) Gender issues related to irrigation development should be incorporated in the NIMP.
- (5) Availability of skilled farmers should be considered for sustainable irrigation development.
- (6) Maps prepared in the study should be checked by relevant agency.
- (7) Irrigation schemes aiming at settlement, if taken up by local governments considering domestic needs, should also be studied in the NIMP.
- (8) Data base should be established for effective use of collected information.
- (9) Further comments on the Report if any, will be sent to the Study Team.



List of Participants

1. Steering Committee Member

- | | |
|--------------------------|--|
| (1) Dr.N.P.Sicilima | Director of Crop Division (for Permanent Secretary),
MAFS |
| (2) Ms.Beatha O.Swai | Director of Disaster Management, PMO |
| (3) Eng. A.H.Simba | Acting Assistant Director of Irrigation Section, MAFS |
| (4) Eng.E.H.Masija | Project Coordinator, RBMSIIP, MAFS |
| (5) Mr.Rawson P.Yonazi | Assistant Director, VPO |
| (6) Mr.P.Mafuru | Agricultural Economist, MAFS |
| (7) Ms.H.Kikeke | Agricultural Officer, MAFS |
| (8) Mr.G.G.Kanza | Senior Town Planner of Human Settlement Divisions,
MLHUD |
| (9) Mr.J.D.Mtamakaya | Land Surveyor, MLHUD |
| (10) Mr.Itunda Mbwambo | Agricultural Officer, RUBADA, DSM |
| (11) Mr.Ronald Komanga | Sociologist, MAFS |
| (12) Dr.J.Nozaka | Irrigation Advisor, MAFS |
| (13) Mr.Peter Zoutewelle | Irrigation Advisor for ASPs, MAFS |

2. Japanese Side

- | | |
|---------------------------|-----------------------------------|
| (1) Embassy of Japan | |
| (a) Mr. Naoki Ito | Secretary |
| (2) JICA Tanzania Office | |
| (a) Ms. Kaori Matsushita | Assistant Resident Representative |
| (3) JICA Study Team | |
| (a) Mr. Hitoshi Shimazaki | Leader |
| (b) Dr. Shuichi Matushima | Staff |
| (c) Dr. Mamoru Osada | Staff |
| (d) Mr. Hiroyasu Onuma | Staff |
| (e) Mr. Yoshikazu Ando | Staff |



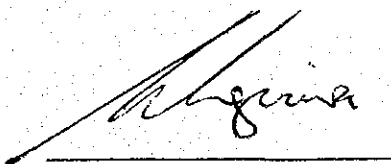
Attachment 5

Minutes of Meeting on Draft Master Plan Report

MINUTES OF MEETING
ON
DRAFT MASTER PLAN REPORT
FOR
THE STUDY
ON
THE NATIONAL IRRIGATION MASTER PLAN
IN
THE REPUBLIC OF TANZANIA

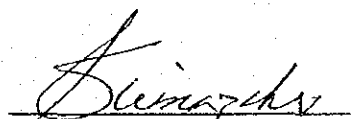
In accordance with the Scope of Work for the Study on the National Irrigation Master Plan in the United Republic of Tanzania (hereinafter referred to as the "NIMP"), signed between the Ministry of Agriculture and Food Security (hereinafter referred to as the "MAFS") and the Japan International Cooperation Agency (hereinafter referred to as "JICA") on April 10, 2001, the Study Team submitted thirty (30) copies of the Draft Master Plan Report to the MAFS (hereinafter referred to as the "Report").

In connection with the Report, the Steering Committee Meeting was held on August 29, 2002 at the conference room of MAFS. In the meeting, the Study Team explained the contents of the Report, focusing on the framework for irrigation development plan, development scenario and development programme up to the year 2017 including basic plans of institutional development and agricultural development. This was followed by discussions on the contents of the Report among the Participants. As a result of the discussions, the contents of the Report were in principle accepted by the Steering Committee. The main issues discussed among Participants and the list of Participants are shown in ANNEXES attached hereto.



Mr. Wilfred Ngirwa
Permanent Secretary
Ministry of Agriculture and Food Security
The United Republic of Tanzania

Date: September 4, 2002
SECRETARY
MINISTRY OF AGRICULTURE & FOOD SECURITY
P. O. Box 9192
DAR ES SALAAM

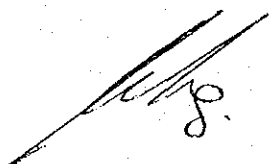


Mr. Hitoshi Shimazaki
Leader
The Study Team
Date: September 2, 2002

(ANNEX I)

Main Issues Confirmed and Agreed at the Meeting

- (1) The Master Plan Study should be formulated taking into consideration decentralization policy and build-up of ownership of government and farmers.
- (2) Need for inter-sectoral collaboration should be stressed to ensure sustainable utilization of water resources necessary for irrigation through watershed management e.g. afforestation to conserve water resources.
- (3) Further description should be made for the analysis results on the identification of irrigation development potential area, especially estimated potential areas.
- (4) Irrigation development potential area map should be re-examined and updated using supplementary information like location of major roads.
- (5) A study on cost contribution by farmers to irrigation scheme development should be carried out as a component of the Subject-wise Improvement Programme in the next field work.
- (6) The 10 candidate schemes for the Implementation Plan which are mentioned in the Report should be confirmed and finalized through site inspection by the Study Team together with the counterpart personnel in the next field work as earlier as possible. If inappropriate schemes are found from *technical, socio-economic and environmental viewpoints*, those should be replaced with the candidate schemes requested in the official letter dated August 22, 2002. In this connection, the MAFS requested to take as many schemes as possible.
- (8) Tables and figures in the Report should be given with their sources of information.
- (9) The present legal framework should be further examined, and suggestions should be put forward to harmonize the registration process for Water Users Association/Cooperatives.
- (10) Further comments on the Report if any, will be sent to the Study Team by the end of September 2002, through the Irrigation Section of MAFS.



List of Participants

1. Tanzanian Side

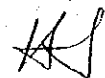
(1) Steering Committee Member

- | | |
|----------------------------|---|
| (a) Mr. Wilfred Ngirwa | Permanent Secretary, MAFS |
| (b) Prof. A.M. Hayuma | Special Assistant to Permanent Secretary, Ministry of Lands |
| (c) Mr. D.S. Foka | Deputy Permanent Secretary, PORALG |
| (d) Dr. John Soi | PVO for DLD, MWLD |
| (e) Ms. A.E. Madete | Acting Director of Environment, VPO |
| (f) Mr. C.K. Chiza | Assistant Director of Irrigation Section, MAFS |
| (g) Mr. G.S. Ngaleya | Assistant Director, PMO |
| (h) Mr. Nicodemus A. Ngala | Planning Officer, MEM |
| (i) Mr. Eliyuko Y. Mmbanga | Senior Economist, POPP |
| (j) Mr. Ezekiel Mpanda | Economist for CME, MOF |
| (k) Mr. Fabian Mukome | Senior Forest Officer, MNRT |
| (l) Mr. Clifford Tandari | Agricultural Economist, VPO |

(2) MAFS Staff

- | | |
|--------------------------|--|
| (a) Mr. E.H. Masija | Project Coordinator, RMMSIIP, MAFS |
| (b) Mr. A.H. Simba | Senior Irrigation Engineer (Chief counterpart), MAFS |
| (c) Mr. Mbogo Futakamba | Irrigation Engineer (Counterpart), MAFS |
| (d) Ms. R.A. Kweka | Soil Scientist (Counterpart), MAFS |
| (e) Mr. Ronald Komanga | Sociologist (Counterpart), MAFS |
| (f) Mr. I.A. Masenza | Water Resources Engineer (Counterpart), MAFS |
| (g) Mr. P.M. Mafuru | Agricultural Economist (Counterpart), MAFS |
| (h) Mr. R. Rushomesa | Land Use Planner (Counterpart), MAFS |
| (i) Mr. E.W. Siyame | Zonal Irrigation Officer, Mwanza, MAFS |
| (j) Mr. N.J. Chikoleka | Zonal Irrigation Officer, Mtwara, MAFS |
| (k) Mr. A.G. Ruhangisa | Zonal Irrigation Officer, Morogoro, MAFS |
| (l) Mr. R.L. Daluti | Zonal Irrigation Officer, Kilimanjaro, MAFS |
| (m) Mr. P.F. Kweka | Zonal Irrigation Officer, Mbeya, MAFS |
| (n) Mr. P.M. Gukurra | Zonal Irrigation Office Staff, Tabora, MAFS |
| (o) Mr. A.A. Mbwele | For DCD, MAFS |
| (p) Mr. Amandus Lwena | Agricultural Engineer, MAFS |
| (q) Dr. J. Nozaka | Irrigation Advisor, MAFS |
| (r) Mr. Peter Zoutewelle | Irrigation Advisor for ASPS, MAFS |

2. Japanese Side



(1) JICA Tanzania Office

(a) Ms. Debora Sungusia Senior Programme Officer

(2) JICA Study Team

(a) Mr. Hitoshi Shimazaki Leader

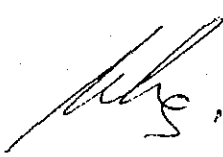
(b) Dr. Shuichi Matushima Staff

(c) Dr. Mamoru Osada Staff

(d) Mr. Hiroyasu Onuma Staff

(e) Mr. Takuya Igawa Staff

(f) Mr. Takeshi Kuroda Staff



JICA