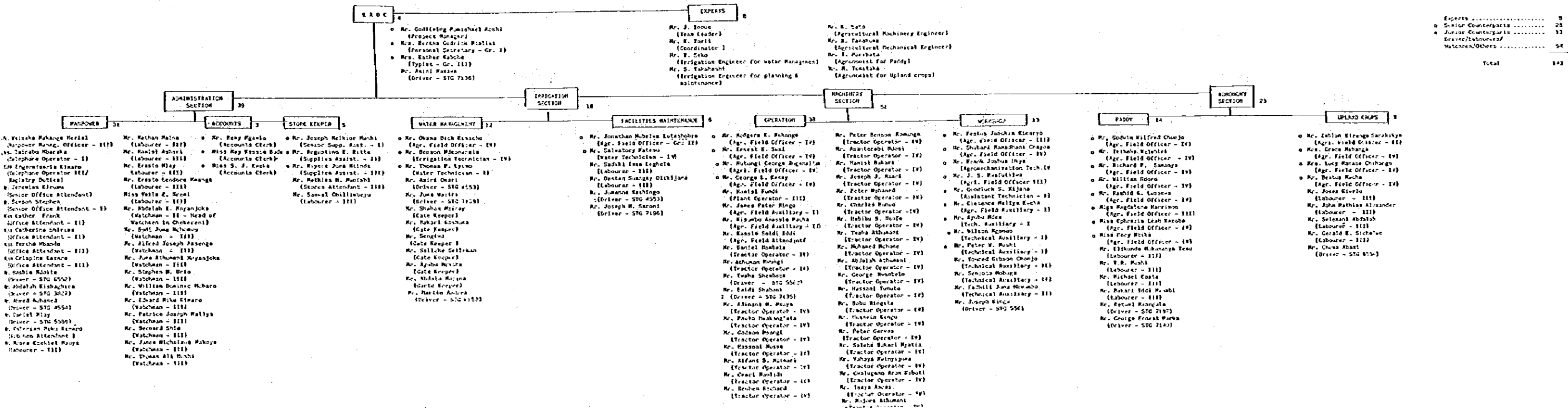


附 属 資 料 2

(KADC組織図及びカウンターパート配置表)

BIHIMANJARA AGRICULTURAL DEVELOPMENT CENTRE - ORGANISATION CHART



Experts	8
Senior Counterparts	28
Junior Counterparts	13
Driver/Labourers	54
Watchmen/Others	54
Total	157

プロジェクト名	カリマンジャロ農業開発計画		協力期間	協力期間				
	カリマンジャロ州農務局			1980年3月12日～1985年3月12日				
協力機関	KILIMANJARO AGRICULTURAL DEVELOPMENT CENTRE							
住所	ARUSHA ROAD MOSHI, TANZANIA							
郵便宛先	P. O. BOX 972 MOSHI, TANZANIA							
番号	カウンタナーパートナー氏名	職名	職年	専門分野	学歴	指導専門家	研修受入分野(期間)	学位
1	MR. G. R. MOSHI	ASSISTANT EXECUTIVE ENGINEER GRADE I	1982年10月	プロジェクトマネージャー	UNIVERSITY OF DAR ES SALAAM	井上浩二	かんがい排水 1981年3月～11月 スタディーツアー 1983年7月	BACHELOR OF SCIENCE ENGINEERING HYDROLOGY
2	MR. W. M. HERTEL	MANPOWER MANAGEMENT OFFICER GRADE III	1981年6月	庶務	CIVIL SERVICE TRAINING CENTRE DAR ES SALAAM	幸衣一夫		
3	MR. J. N. MUSHI	SENIOR SUPPLIES ASSISTANT GRADE I	1984年2月	庶務	FORDHANI SECONDARY SCHOOL DAR ES SALAAM	幸衣一夫		
4	MR. J. H. LUTASHOBYA	AGRICULTURE FIELD OFFICER GRADE II	1982年4月	かんがい排水	UNIVERSITY OF DAR ES SALAAM	高橋新宜	かんがい排水 1982年2月～3月	DIPLOMA OF GENERAL AGRICULTURE 1987年3月から 水管理コース受修予定
5	MR. O. D. KIMICHO	AGRICULTURE FIELD OFFICER GRADE IV	1983年6月	かんがい排水	NYEREGI AGRICULTURE TRAINING INSTITUTE	瀬戸良務	かんがい排水 1985年2月～11月	DIPLOMA OF IRRIGATION
6	MR. F. J. KIMANYO	AGRICULTURE FIELD OFFICER GRADE IV	1983年2月	農業機械	NYEREGI AGRICULTURE TRAINING INSTITUTE	玉熊亮彦	稲作機械化 1982年2月～11月	DIPLOMA OF AGROMECHANIZATION
7	MR. S. R. CHAYOH	AGRICULTURE FIELD OFFICER GRADE IV	1981年8月	農業機械	NYEREGI AGRICULTURE TRAINING INSTITUTE	玉熊亮彦	稲作機械加工 1983年8月～11月	DIPLOMA OF AGROMECHANIZATION
8	MR. R. K. MARANGE	AGRICULTURE FIELD OFFICER GRADE IV	1986年1月	農業機械	NYEREGI AGRICULTURE TRAINING INSTITUTE	佐藤敏一		DIPLOMA OF FARM MANAGEMENT 1987年度受修予定
9	MR. G. E. SHAI	AGRICULTURE FIELD OFFICER GRADE IV	1981年8月	農業機械	NYEREGI AGRICULTURE TRAINING INSTITUTE	佐藤敏一	稲作機械受修 1986年6月～12月	DIPLOMA OF AGROMECHANIZATION

(注) 1. 関係機関の組織図(機関の長は氏名を記入)を添付のこと。
2. full-timeでない場合、備考欄にその旨記載のこと。

プロジェクト名	キリマンジャロ農業開発		協力期間	昭和61年3月13日 ~ 昭和66年3月12日				
協力機関	キリマンジャロ州開発庁							
住所	ARUSHA ROAD, MOSHI, TANZANIA							
郵便宛先	P.O. Box 972, MOSHI, TANZANIA							
番号	カウシオンパートナー氏名	職名	配属年月日	専門分野	学歴	指導専門家	研修受入分野(期間)	備考
10	MR. G. W. CHONJO	AGRICULTURE FIELD OFFICER GRADE IV	1981年8月	稲作	TENGERU AGRICULTURE TRAINING INSTITUTE	坂端俊造	稲作 1983年2月~11月	CERTIFICATE OF GENERAL AGRICULTURE
11	MR. I. NZIMBIRI	AGRICULTURE FIELD OFFICER GRADE IV	1983年9月	稲作	UYOLE AGRICULTURE TRAINING INSTITUTE	坂端俊造	稲作(一般) 1985年3月~10月	DIPLOMA OF CROP PRODUCTION
12	MR. N. B. NDORO	AGRICULTURE FIELD OFFICER GRADE IV	1984年7月	稲作	MARCU AGRICULTURE TRAINING INSTITUTE	坂端俊造	稲作(一般) 1986年3月~10月	CERTIFICATE OF GENERAL AGRICULTURE
13	MR. R. P. M. SAMANYA	AGRICULTURE FIELD OFFICER GRADE IV	1985年10月	稲作	MLINGAO AGRICULTURE TRAINING INSTITUTE	坂端俊造		DIPLOMA OF FARM MANAGEMENT 1987年3月からの 稲作コース受講予定
14	MISS. MADELENE U. K. HARRISON	AGRICULTURE FIELD OFFICER GRADE IV	1986年1月	稲作	UYOLE AGRICULTURE TRAINING INSTITUTE	坂端俊造		DIPLOMA OF CROP PRODUCTION
15	MR. R. K. LUSSENA	AGRICULTURE FIELD OFFICER GRADE IV	1985年8月	稲作	UYOLE AGRICULTURE TRAINING INSTITUTE	坂端俊造		DIPLOMA OF GENERAL AGRICULTURE SOKOTO UNIVERSITY にて就学中
16	MR. Z. K. SARAKINYA	AGRICULTURE FIELD OFFICER GRADE III	1982年1月	稲作	UNIVERSITY OF DAR ES SALAAM	高南元徳	栽培(北海道農試) 1981年3月~11月	DIPLOMA OF GENERAL AGRICULTURE
17	MR. B. N. MACHIA	AGRICULTURE FIELD OFFICER GRADE IV	1981年8月	稲作	UYOLE AGRICULTURE TRAINING INSTITUTE	高南元徳	野営研修 1981年2月~11月	CERTIFICATE OF GENERAL AGRICULTURE
18	MRS. L. T. CHIRONGO	AGRICULTURE FIELD OFFICER GRADE IV	1982年8月	稲作	NYEGEZI AGRICULTURE TRAINING INSTITUTE	高南元徳	野営研修 1985年1月~8月	CERTIFICATE OF GENERAL AGRICULTURE

(注) 1 関係機関の組織図(機関の長は氏名を記入)を添付のこと。
2 full-time でない場合、研修期間にその旨記載のこと。

プロジェクト名		キリマンジャロ農業開発		協力期間		昭和61年3月13日 ~ 昭和62年3月12日	
協力機関		キリマンジャロ州開発庁		KILIMANJARO AGRICULTURAL DEVELOPMENT CENTRE			
所在地		ARUSHA ROAD, MOSHI, TANZANIA					
郵便番号		P.O. BOX 972, MOSHI, TANZANIA					
番号	カウシヤンカバニシカ氏名	職名	配属年月日	専門分野	学歴	指導専門家	研修受入分野(期間)
19	Mrs. G. MSHANGA	AGRICULTURE FIELD OFFICER GRADE IV	JULY, 1983	稲作	UYOLE AGRICULTURE TRAINING INSTITUTE	宮高元徳 1986年2月~11月	DIPLOMA OF HOME ECONOMICS
20	Mr. S. MATENU	WATER TECHNICIAN GRADE IV	JULY, 1986	かんがい排水	DAR ES SALAAM WATER RESOURCES INSTITUTE	高橋新直	FULL TECHNICIAN CERTIFICATE IN WATER RESOURCES ENGINEERING
21	Mr. B. NDEONANSIA	IRRIGATION TECHNICIAN GRADE IV	SEPT. 1986	かんがい排水	NYEGEZI MWANZA	瀬古良勝	DIPLOMA IN IRRIGATION
22	Mr. T.P. LYIMO	WATER TECHNICIAN GRADE I	JULY, 1986	かんがい排水	DAR ES SALAAM WATER RESOURCES INSTITUTE	瀬古良勝	FULL TECHNICIAN CERTIFICATE IN WATER RESOURCES ENGINEERING
23	Mr. F.J. NKYA	AGROMECHANIZATION TECHNICIAN GRADE IV	SEPT. 1986	農業機械	MLINGANO TANGA	玉熊亮彦	DIPLOMA IN AGRO-MECH.
24	Mr. J.S. MWAFULIWA	AGRIC. FIELD OFFICER GRADE III	FEB. 1987	農業機械	SOKOINE UNIVERSITY OF AGRICULTURE	玉熊亮彦	B.SC.
25	Mr. M.G. RUGEMALIRA	AGRIC. FIELD OFFICER GRADE IV.	SEPT. 1986	農業機械	UKILUGURU MWANZA	佐藤敏一	DIPLOMA IN CROP PRODUCTION
26	Mr. G.L. KESSY	AGRIC. FIELD OFFICER GRADE IV.	JULY, 1986	農業機械	NYEGEZI MWANZA	佐藤敏一	DIPLOMA IN AGRO-MECH.
27	Miss E.L. KAZOBA	AGRIC. FIELD OFFICER GRADE IV	JULY, 1986	稲作	UKILUGURU MWANZA	塚前俊彦	CERTIFICATE IN CROP PRODUCTION

(注) 4 姓原姓の組織図(姓の長は氏名を記入)を添付のこと。

5 full-time でない場合、研修費にその旨記載のこと。

カウンタクターレポート配座状況表

昭和62年4月/日 報告者 井上淳三

プロジェクト名	協力期間		協力期間		備考			
キリマンジャロ農業開発	昭和61年3月13日	昭和66年3月12日						
協力機関	協力期間		協力期間		備考			
キリマンジャロ州開発庁								
住所	協力期間		協力期間		備考			
ARUSHA ROAD, MOSHI, TANZANIA.								
郵便宛先	協力期間		協力期間		備考			
P.O. BOX 972, MOSHI, TANZANIA.								
番号	カウンタクター氏名	職名	配座年月日	専門分野	学歴	指導専門家	研修受入分野(期間)	備考
28	MISS M. MTKA	AGRIC. FIELD OFFICER GRADE IV	JULY, 1986	稲作	UYOLE MEEVA	坂崎俊造		DIPLOMA IN CROP PRODUCTION

(注) 1. 関係機関の組織図(機関の長は氏名を記入)を添付のこと。
 2. full-timeでない場合は、併考欄にその肩配職のこと。

プロジェクト名	キリマンジャロ農業開発		協力期間	昭和66年3月13日 ~ 昭和66年3月12日				
協力機関	キリマンジャロ州開発庁							
住所	ARUSA ROAD, MOSHI, TANZANIA							
郵便宛先	P.O. Box 972 MOSHI, TANZANIA							
カウンタパーパート以外の研修終了者	職名	職名	記載年月日	専門分野	学歴	指導専門家	研修受入分野(期間)	備考
1	MR. N. S. MERAKYASA	AGRICULTURE OFFICER					スタディーツアー 1981年2月~3月	
2	MR. A. E. LYANUYA	REGIONAL IRRIGATION ENGINEER					スタディーツアー 1981年11月~12月	
3	MR. E. MATONO	IRRIGATION ENGINEER					スタディーツアー 1982年2月~3月	
4	MR. R. NHAGAMA	REGIONAL PLANNING OFFICER					スタディーツアー 1982年10月~11月	
5	MR. A. N. MCHAU	REGIONAL AGRICULTURAL DEVELOPMENT OFFICER					スタディーツアー 1982年10月~11月	
6	MR. J. J. MPIZA	REGIONAL PLANNING OFFICER					スタディーツアー 1982年11月	

(注) 1. 関係機関の組織図(機関の長は氏名を記入)を添付のこと。
 2. full-timeでない場合、備考欄にその旨記載のこと。

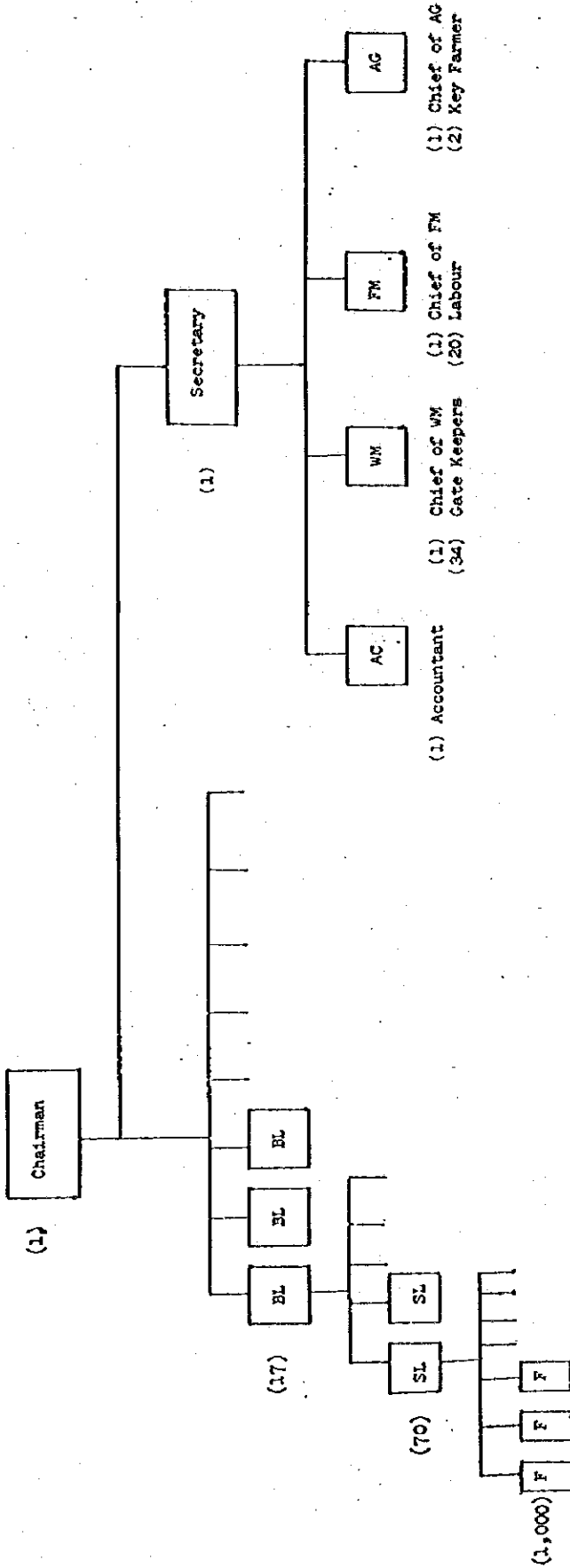
LIST OF PARTICIPANTS IN COUNTERPART TRAINING IN JAPAN

	NAME	TRAINING OBJECTIVE	POSITION (WHEN TRAINED)	DURATION
1980	Mr. N.S. WERAKYASA	Study Tour	Agricultural Officer	1981.2.4 - 1981.3.4
	Mr. Z.K. SARAKIKYA	Cultivation	Counterpart, KADC	1981.3.27 - 1982.1.25
	Mr. A.E. LYANUYA	Study Tour	IRRIGATION ENGINEER Kilimanjaro Region	1981.11.28 - 1981.12.23
	Mr. G.R. MOSHI	Irrigation and Drainage	Counterpart, KADC	1981.3.19 - 1981.11.23
1981	Mr. EXAUD MATOWO	Study Tour	Counterpart, KADC	1982.2.17 - 1982.3.17
	Mr. J.M. LUTASHOBYA	Study Tour	Counterpart, KADC	1982.2.17 - 1982.3.17
	Mr. F.J. KIMARYO	Rice Production Mechanization	Counterpart, KADC	1982.3.17 - 1982.12.14
1982	Mr. R. MHAGAMA	Study Tour	Regional Planning Officer	1982.10.23 - 1982.11.15
	Mr. A.N. MCHAU	Study Tour	Regional Agricultural Development Officer	1982.10.23 - 1982.11.15
	Mr. G.W. CHONJO	Rice Cultivation	Counterpart, KADC	1983.2.25 - 1983.12.14
1983	Mr. S.R. CHAYOA	Post Harvest Rice Processing	Counterpart, KADC	1983.8.30 - 1983.11.28
	Mr. J.J. MPIZA	Study Tour	Regional Planning Officer	1983.11.5 - 1983.11.30
1984	Mr. D.R. KIMICHO	Irrigation and Drainage	Counterpart, KADC	1985.2.7 - 1985.11.30
	Mr. I. MZIMBIRI	Rice Cultivation	Counterpart, KADC	1985.3.7 - 1985.10.11
	Mrs. L.M. CHIHONGO	Vegetable Crops Production	Counterpart, KADC	1985.3.24 - 1986.8.24
1985	Mr. G.R. MOSHI	Study Tour	Director, KADC	1985.7.3 - 1985.7.31
	Mrs. G. MSHANGA	Vegetable Crops Production	Counterpart, KADC	1986.2.6 - 1986.11.29
	Mr. W.B. NDORO	Paddy Cultivation	Counterpart, KADC	1986.3 - 1986.10
	Mr. E.E. SWAI	Agricultural Machinery Maintenance and repair	Counterpart, KADC	1986.6.5 - 1986.12.20

附 属 資 料 3

(水利組合 (WUA) 組織図)

Water User's Association

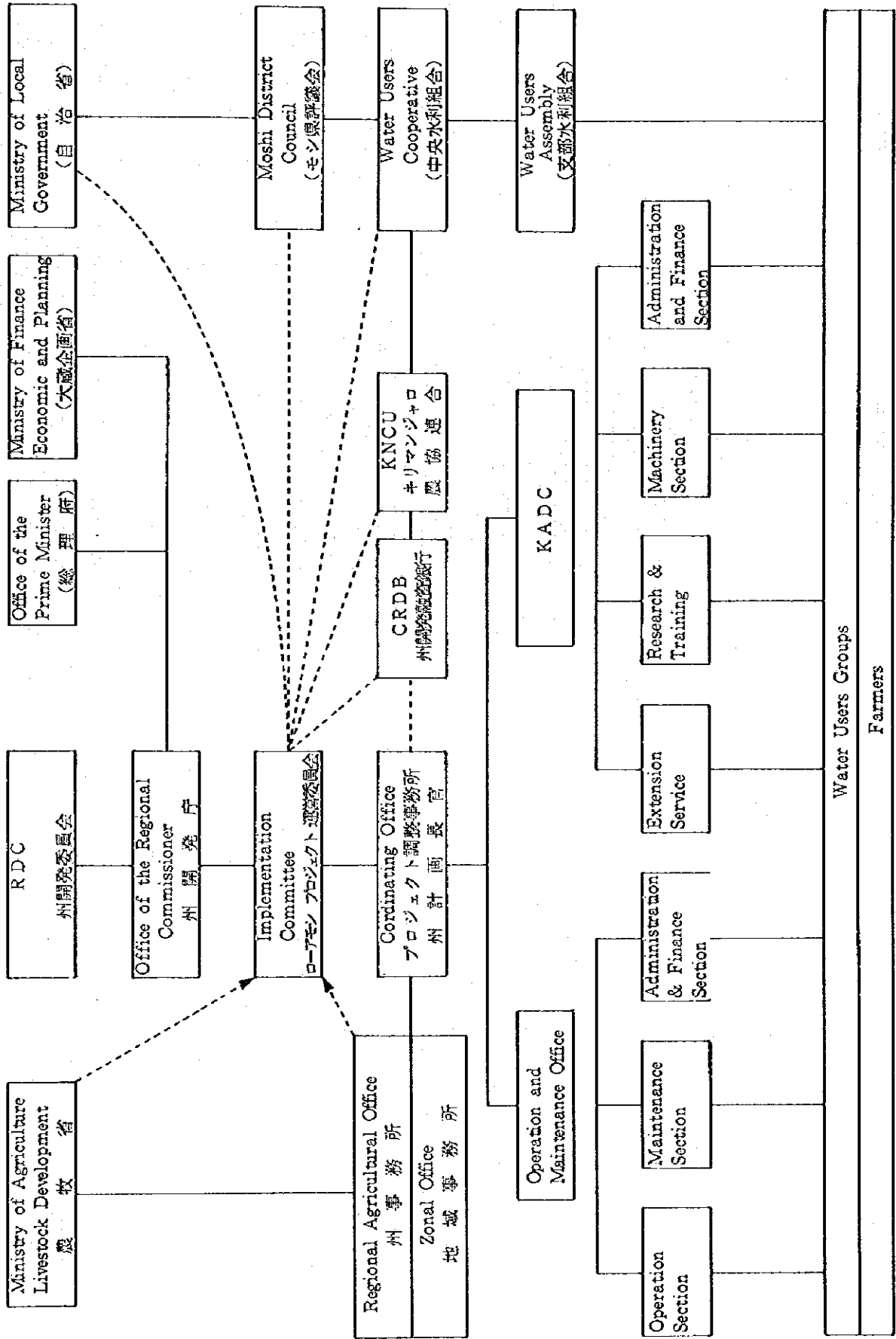


- ~~BL~~ : Block Leader
- SL : Sub Leader
- F : Farmer
- AC : Account Section - Money collection/payment of water charge, Tractor Hire Charge, Salary payment and other payments.
- WM : Water Management Section - Rotated Irrigation Water control, Flood Watchand other water management.
- FM : Facilities Maintenance Section - repairing, Weeding, Clearing and othe maintenance work
- AG : Agronomy Section - Arrangement of seeds, Fertilizer, Chemical and Advice of cultivation techniques.

附 属 資 料 4

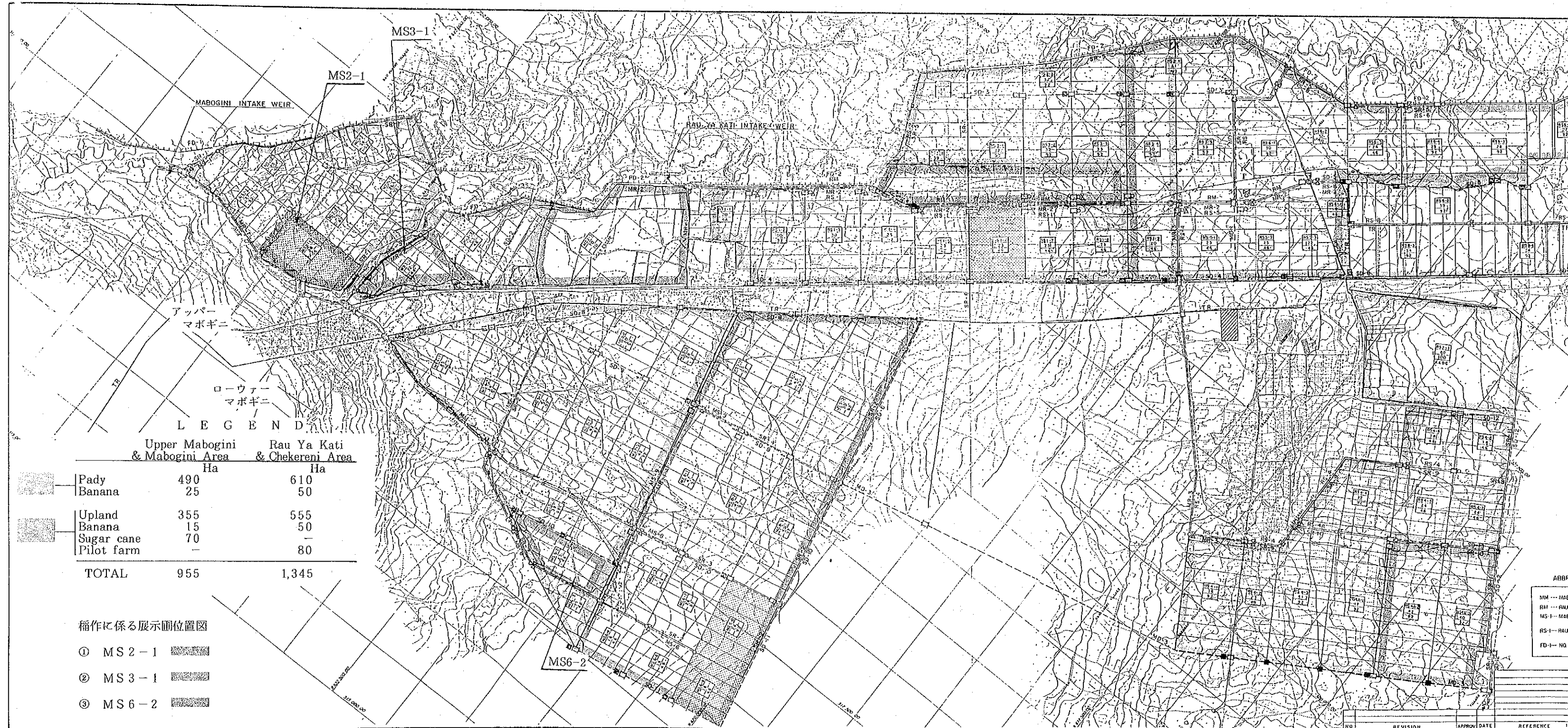
(O/M事務所組織図)

ORGANISATION CHART FOR OPERATION AND MAINTENANCE OF LOWER MOSHI IRRIGATION PROJECT



附 属 資 料 5

(ローアモシプロジェクト関係図と水稻展示圃所在置)



LEGEND

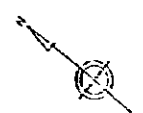
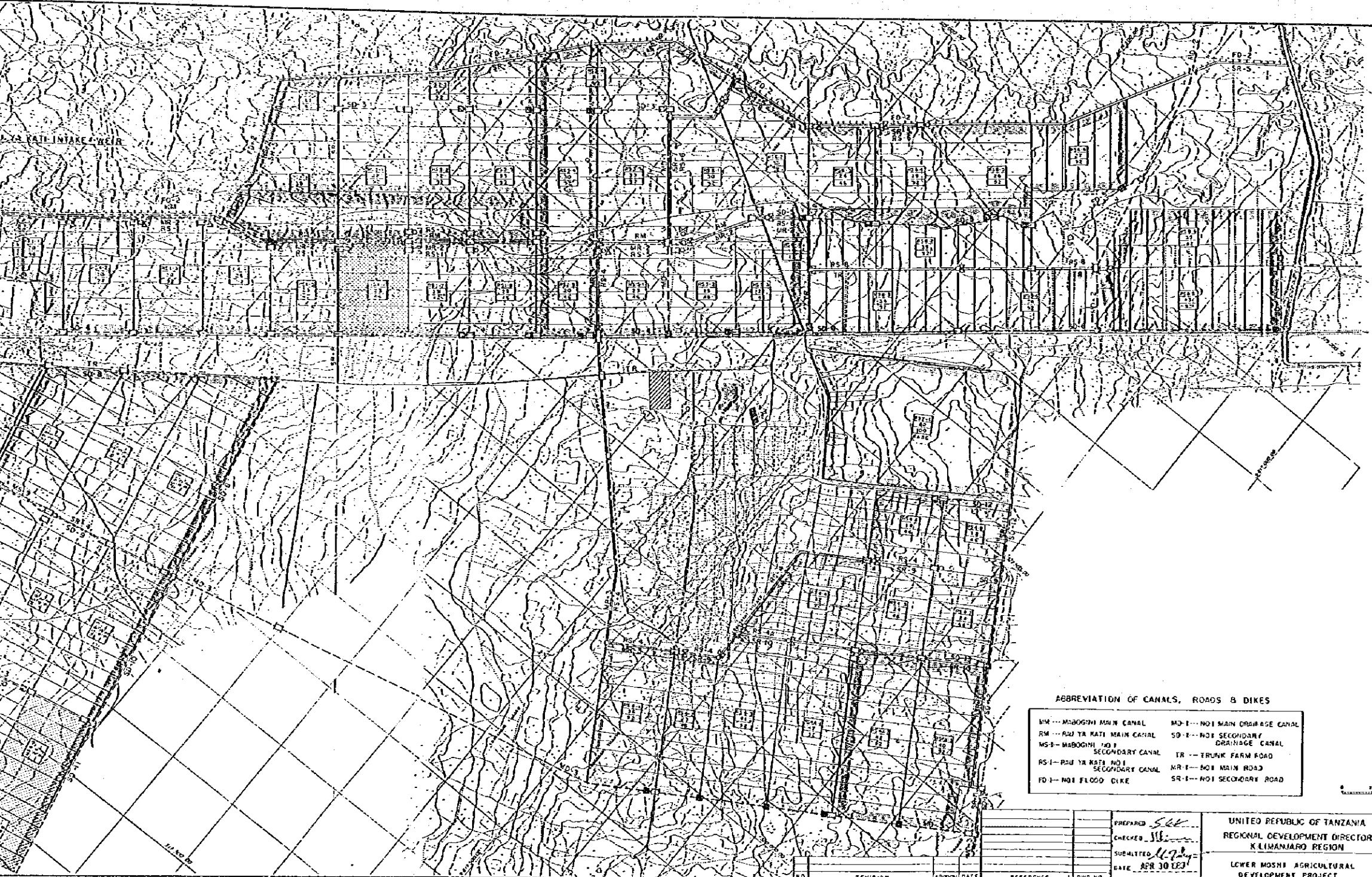
	Upper Mabogini & Mabogini Area Ha	Rau Ya Kati & Chekereni Area Ha
Pady	490	610
Banana	25	50
Upland	355	555
Banana	15	50
Sugar cane	70	-
Pilot farm	-	80
TOTAL	955	1,345

稲作に係る展示圃位置図

- ① MS2-1
- ② MS3-1
- ③ MS6-2

ABB
 MM --- MAB
 RM --- RAU
 MS --- MAB
 RS --- RAU
 FD --- NO

NO	REVISION	APPROV	DATE	REFERENCE



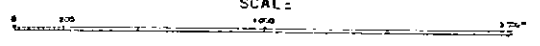
LEGEND

DESCRIPTION	SYMBOL
MAIN IRRIGATION CANAL	—
SECONDARY IRRIGATION CANAL	- - -
MAIN DRAINAGE CANAL	—
SECONDARY DRAINAGE CANAL	- - -
WEIR & INTAKE	—
TURNOUT FOR TERTIARY CANAL	—
ELEVATED FLUME	—
SPILLWAY	—
DROP	—
CURVERT	—
BRIDGE	—
SYPHON	—
CHECK GATE WITH CROP	—
PROJECT AREA	—
CROSS DRAIN	—
DRAINAGE BLUKE	—
JUNCTION	—
FLOOD DIKE	—
TRUNK FARM ROAD	—
MAIN ROAD	—
SECONDARY ROAD	—
TERTIARY ROAD	—
OUTSTANDING DRAINAGE	—
O.S.M. BUILDING	—
SAMPLE TERTIARY UNIT	—
—	—
—	—
—	—

ABBREVIATION OF CANALS, ROADS & DIKES

IM --- MBOGOMI MAIN CANAL	MD-E --- NO1 MAIN DRAINAGE CANAL
RM --- RUI YA KATI MAIN CANAL	SD-E --- NO1 SECONDARY DRAINAGE CANAL
MS-E --- MABOGOMI NO1 SECONDARY CANAL	TR --- TRUNK FARM ROAD
RS-E --- RUI YA KATI NO1 SECONDARY CANAL	MR-E --- NO1 MAIN ROAD
FD-E --- NO1 FLOOD DIKE	SR-E --- NO1 SECONDARY ROAD

SCALE



PREPARED *See*
 CHECKED *See*
 SUBMITTED *See*
 DATE APR 30 1983

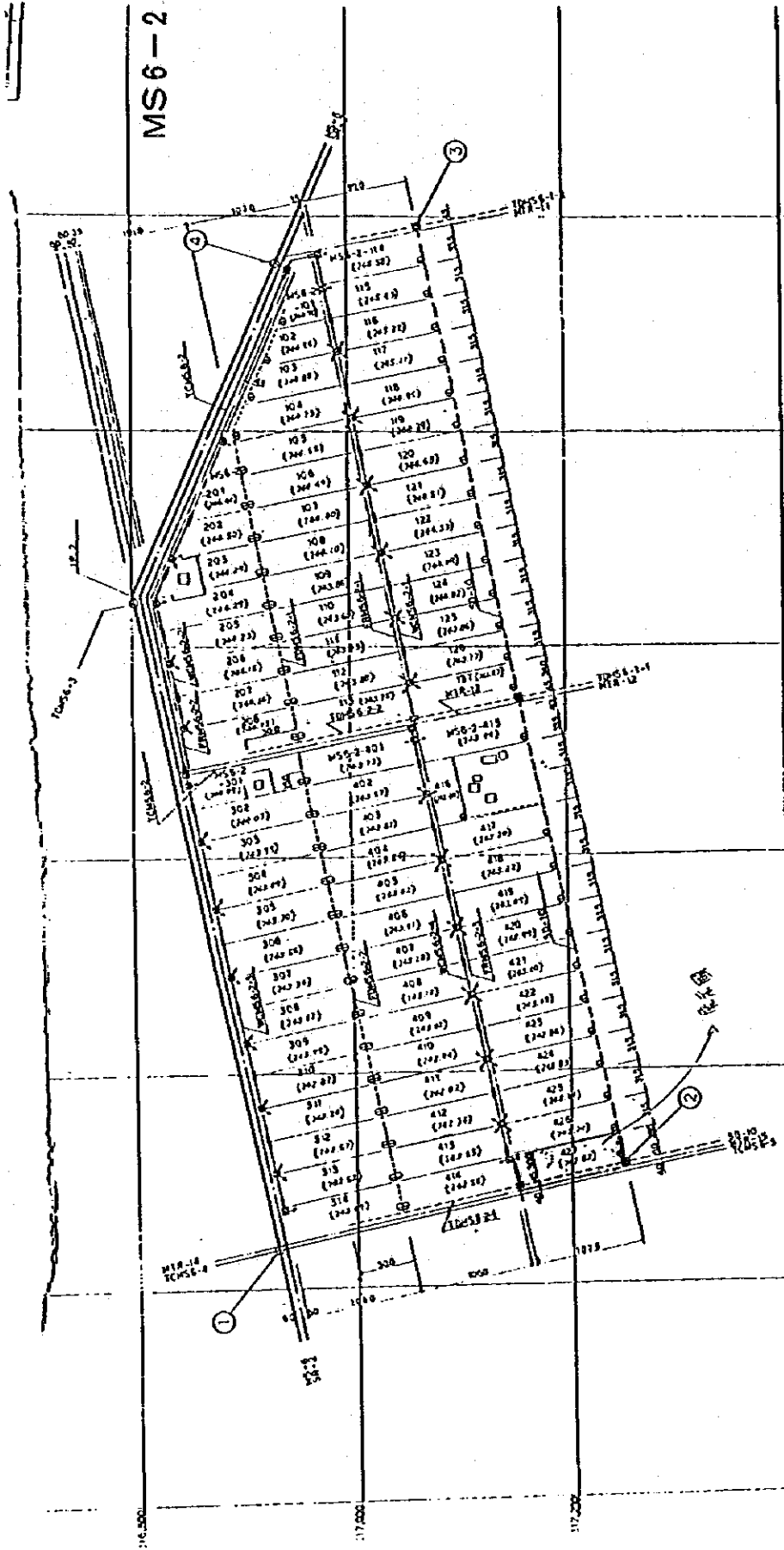
UNITED REPUBLIC OF TANZANIA
 REGIONAL DEVELOPMENT DIRECTOR
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL
 DEVELOPMENT PROJECT

TITLE OF DRAWING
GENERAL LAYOUT
 DWG NO 100-02
 NIPPON KOGI CO. LTD
 CONSULTING ENGINEERS, TOKYO

APPROVED
 DATE

NO	REVISION	APPROX DATE	REFERENCE	DWG NO

MS6-2



COORDINATES

	N	E
1	9,071,255.75	316,927.00
2	9,071,310.75	317,949.00
3	9,072,292.75	317,907.34
4	9,072,194.35	316,934.20

LIST OF FIELD ROAD

Name of Road	Length
ROAD 1	15.00
ROAD 2	15.00
ROAD 3	15.00
ROAD 4	15.00

LIST OF FIELD DRAIN

Name of Drain	City	Name	Remarks
DRAIN 1
DRAIN 2
DRAIN 3
DRAIN 4

LIST OF WATER COURSE

Name of Course	Order	Area	Remarks
COURSE 1	1
COURSE 2	2
COURSE 3	3
COURSE 4	4

TITLE OF DRAWING
ON-FARM WORKS
LAYOUT OF MS6-2

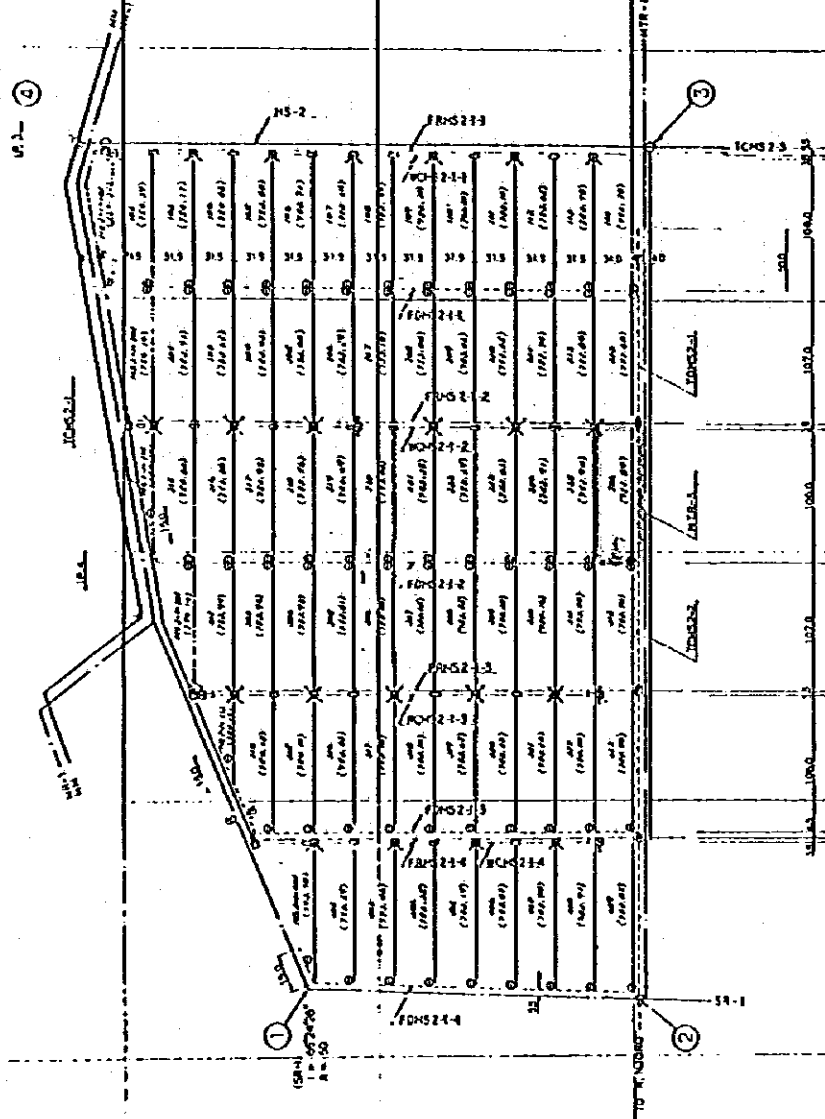
UNITED REPUBLIC OF TANZANIA
REGIONAL DEVELOPMENT DIRECTOR
KILIMANJARO REGION
LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT

DESIGNED BY ...
DRAWN BY ...
CHECKED BY ...
DATE 21 FEB 1985

REVISION ...
DATE ...
REVISION ...
DATE ...

PROJECT NO. NK900-113
CONSULTING ENGINEER ...

MS2-1



COORDINATES

	N	E
1	9424492.71	317344.47
2	9424443.50	317300.43
3	9425123.20	317314.01
4	9425122.55	317384.01

LIST OF FIELD ROAD

Name of Field Road	Length (m)
ROAD 1	1114.0
ROAD 2	1114.0
ROAD 3	1114.0
ROAD 4	1114.0

LIST OF FIELD DRAIN

Name of Field Drain	Length (m)	Area (m ²)
DRAIN 1	1114.0	1114.0
DRAIN 2	1114.0	1114.0
DRAIN 3	1114.0	1114.0
DRAIN 4	1114.0	1114.0

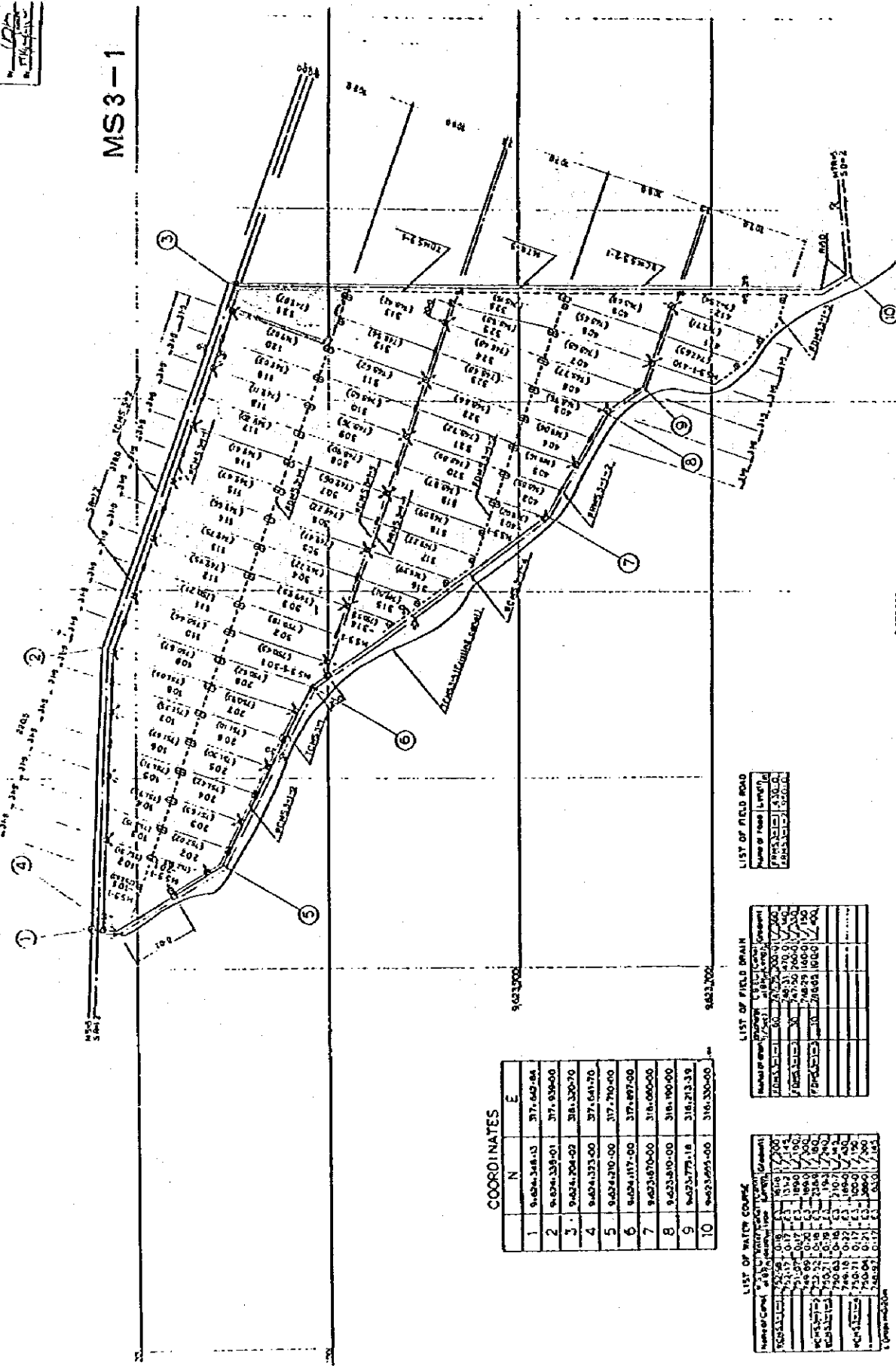
LIST OF WATER COURSE

Name of Water Course	Length (m)	Area (m ²)
COURSE 1	1114.0	1114.0
COURSE 2	1114.0	1114.0
COURSE 3	1114.0	1114.0
COURSE 4	1114.0	1114.0

UNITED REPUBLIC OF TANZANIA
 REGIONAL DEVELOPMENT DIRECTOR
 KILIMANJARO REGION
 TITLE OF DRAWING
 ON-FARM WORKS
 LAYOUT OF MS2-1
 PREPARED BY: S. E. ...
 CHECKED BY: ...
 DATE: ...

MS3-1

MS3-1



COORDINATES

	N	E
1	9,024,348.13	317,047.84
2	9,024,339.01	317,038.00
3	9,024,204.02	316,330.70
4	9,024,323.00	317,041.70
5	9,024,270.00	317,770.00
6	9,024,117.00	317,897.00
7	9,023,870.00	316,000.00
8	9,023,810.00	316,190.00
9	9,023,773.18	316,713.39
10	9,023,695.00	316,330.00

LIST OF WATER COURSE

Water Course	Area (sq. m)	Volume (cu. m)	Remarks
1	100	100	
2	200	200	
3	300	300	
4	400	400	
5	500	500	
6	600	600	
7	700	700	
8	800	800	
9	900	900	
10	1000	1000	

LIST OF FIELD DRAIN

Field Drain	Area (sq. m)	Volume (cu. m)	Remarks
1	100	100	
2	200	200	
3	300	300	
4	400	400	
5	500	500	
6	600	600	
7	700	700	
8	800	800	
9	900	900	
10	1000	1000	

LIST OF FIELD ROAD

Field Road	Area (sq. m)	Volume (cu. m)	Remarks
1	100	100	
2	200	200	
3	300	300	
4	400	400	
5	500	500	
6	600	600	
7	700	700	
8	800	800	
9	900	900	
10	1000	1000	

9,023,700

9,023,000

316,300,000

317,000,000

附 属 資 料 6

(R / D 及び T. S. I.)

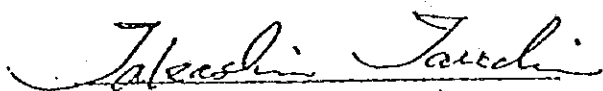
THE RECORD OF DISCUSSIONS BETWEEN THE JAPANESE IMPLEMENTATION SURVEY
TEAM AND THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE UNITED
REPUBLIC OF TANZANIA ON THE JAPANESE TECHNICAL COOPERATION FOR
KILIMANJARO AGRICULTURAL DEVELOPMENT PROJECT

The Japanese Implementation Survey Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Mr. Takashi Tauchi visited the United Republic of Tanzania from February 9 to 16, 1986 for the purpose of working out the details of the technical cooperation program concerning Kilimanjaro Agricultural Development Project, as the second phase of the Kilimanjaro Agricultural Development Center (hereinafter referred to as "KADC") Project, initiated in 1978.

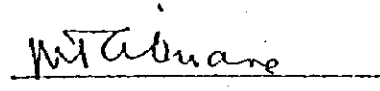
During its stay in the United Republic of Tanzania, the Team exchanged views and had a series of discussions with the Tanzanian authorities concerned in respect of the desirable measures to be taken by both Governments for the successful implementation of the above mentioned project.

As a result of the discussions, both parties agreed to recommend to their respective Governments the matters referred to in the document attached hereto.

Dar es Salaam, February 14, 1986



Mr. Takashi Tauchi
Leader,
Implementation Survey Team
Japan International Cooperation
Agency, JAPAN



Mr. M.T. Kibwana
Commissioner for External Finance
Ministry of Finance, Economic Affairs
and Planning
The United Republic of Tanzania

THE ATTACHED DOCUMENT

I. COOPERATION BETWEEN BOTH GOVERNMENTS

1. The Government of Japan and the Government of the United Republic of Tanzania will continuously cooperate with each other in implementing Kilimanjaro Agricultural Development Project (hereinafter referred to as "the Project") for the purpose of developing agricultural techniques and extending the techniques through training of personnel concerned, based on the KADC experiences, and thus contributing to the agricultural development in Kilimanjaro Region.

2. The Project will be implemented in accordance with the Master Plan as outlined in part I of the Annex.

II. DISPATCH OF JAPANESE EXPERTS

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense services of the Japanese experts as listed in part II of the Annex through the normal procedures under the technical cooperation scheme of the Government of Japan.

2. The Japanese experts referred to in 1 above and their families will be granted in the United Republic of Tanzania the privileges, exemptions and benefits no less favourable than those accorded to experts of other countries or of other international organization performing similar missions working in the United Republic of Tanzania, and will include those outlined in part II, 4 of the Annex.

III. PROVISION OF MACHINERY AND EQUIPMENT

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense such machinery, equipment and other materials (hereinafter referred to as "the Equipment") necessary for the implementation of the Project as listed in part III of the Annex through the normal procedures under the technical cooperation scheme of the Government of Japan,

2. The Equipment will become the property of the Government of the United Republic of Tanzania upon being delivered c.i.f. to the Tanzanian authorities concerned at the ports and/or airports of disembarkation, and will be utilized exclusively for the implementation of the Project.

IV. PROVISION OF SPECIAL MEASURES

For fostering the smooth implementation of the Project, in accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures to supplement a portion of local cost of expenditures such as production cost for teaching materials, travel allowances related to travel tour and field training for instructors and trainees, special instructors' fees, supply cost of training materials, etc., within the United Republic of Tanzania.

V. TRAINING OF TANZANIAN PERSONNEL IN JAPAN

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to receive at its own expense the Tanzanian personnel connected with the Project for technical training in Japan through the normal procedures under the technical cooperation scheme of the Government of Japan.

2. The Government of the United Republic of Tanzania will take necessary measures to ensure that the knowledge and experience acquired by the Tanzanian personnel from technical training in Japan will be utilized effectively for the implementation of the Project.

VI. SERVICES OF TANZANIAN COUNTERPART AND ADMINISTRATIVE PERSONNEL

1. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to secure at its own expense the necessary services of Tanzanian counterpart and administrative personnel as listed in part IV of the Annex.

2. The Government of the United Republic of Tanzania will allocate the necessary number of suitably qualified personnel corresponding to each Japanese expert to be dispatched by the Government of Japan as specified in part II of the Annex for the effective and successful transfer of technology under the Project.

VII. MEASURES TO BE TAKEN BY THE GOVERNMENT OF THE UNITED REPUBLIC OF TANZANIA

1. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to provide at its own expenses:

- (1) Land, buildings and facilities as listed in part V of the Annex;
- (2) Supply or replacement of machinery, equipment, instrument, vehicles, tools, spare parts and any other materials necessary for the implementation of the project other than those provided through JICA under part III above,
- (3) Whenever necessary, transportation facilities and travel allowance for the official travel of Japanese experts within the United Republic of Tanzania,
- (4) Suitably furnished accommodations for the Japanese experts and their families.

In addition, all equipment and machinery available at the KADC as well as those provided through JICA shall be used for the implementation of the Project.

2. In accordance with the laws and regulations in force in the United Republic of Tanzania, the Government of the United Republic of Tanzania will take necessary measures to meet:

- (1) Expenses necessary for the transportation of the Equipment within the United Republic of Tanzania as well as for the installation, operation and maintenance thereof,
- (2) Customs duties, internal taxes and any other charges, imposed on the Equipment in the United Republic of Tanzania,
- (3) Running expenses necessary for the implementation of the Project.

VIII. ADMINISTRATION OF THE PROJECT

1. The Regional Development Director (hereinafter referred to as "RDD") of Kilimanjaro Region will bear overall responsibility for the implementation of the Project.
2. The Director of the KADC, as the Head of the Project, will be responsible to the RDD for the administrative and managerial matters of the Project.
3. The Japanese Team Leader will provide necessary recommendation and advice on technical and administrative matters concerning the implementation of the Project to the Head of the Project.
4. The Japanese experts will give necessary technical guidance and advice to the Tanzanian counterpart personnel on matters pertaining to the implementation of the the Project.
5. The Project will be carried out in collaboration with other relevant authorities.
6. For the effective and successful implementation of the Project, a Joint Advisory Committee will be established with the function and composition as referred to in part VI of the Annex.

IX. CLAIMS AGAINST JAPANESE EXPERTS

The Government of the United Republic of Tanzania undertakes to bear claims, if any arises, against the Japanese experts engaged in the Project resulting from, occurring in the course of, or otherwise connected with the discharge of their official functions in the United Republic of Tanzania except for those arising from the willful misconduct or gross negligence of the Japanese experts.

X. MUTUAL CONSULTATION

There will be mutual consultation between the two Governments on any major issues arising from, or in connection with this Attached Document.

XI. TERM OF COOPERATION

The duration of the technical cooperation for the project under this Attached Document will be five (5) years from March 13, 1986.

I. MASTER PLAN

1. Objectives of the Project

The Project will be carried out, based on the successful achievements of KADC project; for the purpose of development of agricultural technique and extension of the technique through training of counterparts, extension staff and farmers, thus contributing to further agricultural development in Kilimanjaro Region.

2. Activities of Japanese Technical Cooperation

2-1 Kilimanjaro Region, focusing in the Lower Moshi Area.

Technical advice and guidance to following items.

1. Paddy

- (a) Selection of appropriate varieties
- (b) Establishment of cultivation techniques
- (c) Demonstration and extension of cultivation techniques
- (d) Training of counterparts, extension staff and farmers

2. Upland Crops

- (a) Establishment of cultivation techniques (vegetable, soybean etc.)
- (b) Demonstration and extension of cultivation techniques
- (c) Training of counterparts, extension staff and farmers

3. Soil and water Management

- (a) Establishment and extension of soil and water management techniques
- (b) Training of counterparts, extension staff and farmers
- (c) Technical advice for operation and maintenance

4. Agricultural Machinery

- (a) Adaptability test, technical advice for operation and maintenance of agricultural machinery
- (b) Training of counterparts, extension staff and farmers

Note: - Demonstration and extension as mentioned in (1) and (2) will be carried out through existing pilot farm and demonstration plots.

-Number and size of demonstration plots will be determined at Joint Advisory Committee.

2-2 Kilimanjaro Region,, focusing at areas outside Lower Moshi Area.

Technical advice and suggestions on the agricultural development planning in the areas of:

- (1) Study of surface and underground water resources for agricultural development.
- (2) Smallscale rural agricultural development projects.
- (3) Transfer of techniques and experiences from KADC activities and Lower Moshi Project.

II. JAPANESE EXPERTS

1. Team leader
2. Coordinator
3. Experts in the field of
 - (1) Agronomy (Paddy)
 - (2) Agronomy (Upland Crops)
 - (3) Soil and water management
 - (4) Development Planning and water management
 - (5) Agricultural Machinery (Operation)
 - (6) Agricultural Machinery (Maintenance)

Note: Short-term experts may be dispatched when necessity arises, for the smooth implementation of the Project.

4. Privileges, exemptions and benefits
 - (1) Exemption from income tax and charges of any kind imposed on or in connection with the living allowances remitted from abroad.
 - (2) Exemptions from import and export duties and any other charges in respect of personal and household effects, including one motor vehicle per family, which may be brought into the United Republic of Tanzania from abroad

3. Free medical services and facilities to the Japanese experts and their families

III. LIST OF EQUIPMENT

1. Construction machinery and equipment, agricultural machinery, machines and tools for repair work and their spare parts
2. Books and teaching materials including audio-visual aids
3. Fertilizers, agricultural chemicals, and other materials for use in trial farm, pilot farm and demonstration plots
4. Vehicles
5. Office equipment
6. Other necessary machinery and equipment to be mutually agreed upon

IV. LIST OF TANZANIA COUNTERPART AND ADMINISTRATIVE PERSONNEL

1. Head of the Project
2. Counterpart personnel in the field of
 1. Agronomy (Paddy)
 2. Agronomy (Upland Crops)
 3. Soil and water management
 4. Development Planning and water management
 5. Agricultural Machinery (Operation)
 6. Agricultural Machinery (Maintenance)
3. Administrative personnel
 1. Administration
 2. Accounting
4. Other necessary supporting staff

V. LIST OF LAND AND FACILITIES

1. Land, building and facilities of KADC
2. Land for trial farm, pilot farm and demonstration plots
3. Office space and necessary facilities in Moshi for the Japanese Team Leader and the other experts.
4. Other facilities mutually agreed upon as necessary

VI. THE JOINT ADVISORY COMMITTEE

1. Functions

The Joint Advisory Committee composed of members as listed in 2 below will meet at least once a year and whenever necessity arises, and work:

- (1) To review the overall progress of the Tentative Schedule of Implementation in line with Master Plan for the Project;
- (2) To review those measures taken by the Government of Japan,
 - (i) Dispatch of Japanese experts,
 - (ii) Acceptance of the Tanzanian counterpart personnel in Japan for training;
 - (iii) Provision of machinery and equipment,
- (3) To review those measures taken by the Government of the United Republic of Tanzania;
 - (i) Allocation of necessary budget (including local cost expenditures),
 - (ii) Assignment of counterpart personnel,
 - (iii) Utilization of the Equipment provided by the Government of Japan,
- (4) To formulate the annual working plan of the Project,

2. Composition

(1) Chairman

RDD of Kilimanjaro Region

(2) Tanzanian Side

- (a) Regional Planning Officer
- (b) Representative of Ministry of Finance
- (c) Representative of Prime Minister's Office
- (d) Zonal Irrigation Officer
- (e) Representative of Ministry of Agriculture and Livestock Development
- (f) Head of the Project
- (g) Other officials appointed by the Chairman, if necessary,

(3) Japanese Side

- (a) Team Leader**
- (b) Coordinator**
- (c) Experts appointed by the Team Leader, if necessary**
- (d) Personnel concerned to be dispatched by JICA, if necessary**
- (e) Resident representative of Dar es Salaam Office, JICA**

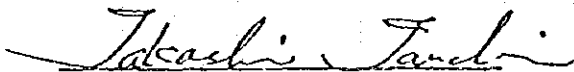
Note: Officials of the Embassy of Japan may attend the Joint Advisory Committee as observers.

TENTATIVE SCHEDULE OF IMPLEMENTATION
FOR
THE KILIMANJARO AGRICULTURAL DEVELOPMENT PROJECT

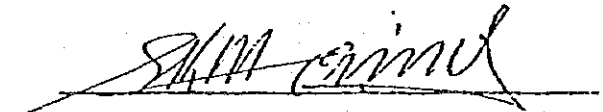
The Japanese Implementation Survey Team and the Tanzanian Authorities concerned have jointly formulated the Tentative Schedule of Implementation for the Kilimanjaro Agricultural Development Project (hereinafter referred to as "the Project") as annexed hereto.

This has been formulated on the basis of the Record of Discussions on the Japanese Technical Cooperation for the Project signed between the Japanese Implementation Survey Team and the Authorities concerned of the Government of the United Republic of Tanzania and on the conditions that necessary budget will be allocated for the implementation of the Project by both sides, and that the above-mentioned Schedule is subject to change within the framework of the Record of Discussions when necessity arises in the course of implementation of the Project.

Moshi, February 12, 1986.



Mr. Takashi Tauchi
Leader
Implementation Survey Team
Japan International Cooperation
Agency, Japan



Mr. S.K. Masinde
Regional Development Director
Kilimanjaro Region

Activities of the Technical Cooperation

Item	Year				
	1 st	2 nd	3 rd	4 th	5 th
I KADC and Kilimanjaro Region, focusing in the Lower Moshi Area					
1. Paddy					
- Selection of appropriate varieties					
- Experiment for establishment of cultivation technique					
- Verification trial					
- Establishment of demonstration plots and extension					
- Training of counterparts, extension staff and farmers					
2. Upland Crops					
- Experiment for establishment of cultivation technique					
- Verification trial					
- Establishment of demonstration plots and extension					
- Training of counterparts, extension staff and farmers					
3. Soil and Water Management					
- Establishment of soil and water management technique					
- Extension of soil and water, management technique					
- Technical advice for operation and maintenance					
- Training of counterparts, extension staff and farmers					

Item	Year				
	1 st	2 nd	3 rd	4 th	5 th
4. Agricultural Machinery					
- Adaptability test					
- Technical advice for operation and maintenance					
- Training of counterparts, extension staff and farmers					
I. Kilimanjaro Region					
Technical advice and suggestion on the agricultural development planning					
- Study of surface and underground water resources for agricultural development					
- Establishment of small scale rural agricultural development projects					
- Transfer of techniques and experiences from KADC activities and Lower Moshi Agricultural Development Project					

Japanese Contributions

Item	Year				
	1 st	2 nd	3 rd	4 th	5 th
I Assignment of Experts					
1 Long-term assignment					
(1) Team Leader					
(2) Coordinator					
(3) Agronomy (Paddy)					
(4) Agronomy (Upland Crops)					
(5) Soil and Water Management					
(6) Development Planning and Water Management					
(7) Agricultural Machinery (operation)					
(8) Agricultural Machinery (maintenance)					
2 Short-term assignment	Short term experts may be dispatched when necessity arises.				
II Acceptance of Tanzanian Personnel in Japan	Two or Three persons a year				
III Provision of Equipment, Machinery & Materials					

Tanzanian Responsibilities

Item	Year				
	1 st	2 nd	3 rd	4 th	5 th
I Assignment of Counterparts & Administrative Personnel					
1 Head of the Project					
2 Counterparts to the Japanese experts					
(1) Agronomy (Paddy)					
(2) Agronomy (Upland Crops)					
(3) Soil and Water Management					
(4) Development Planning and Water Management					
(5) Agricultural Machinery (operation)					
(6) Agricultural Machinery (maintenance)					
3 Administrative Personnel					
(1) Administration					
(2) Accounting					
4 Other Necessary Supporting Staff					
II Land, Building, and Other Incidental Facilities					
III Allocation of Running Cost of the Project					

JICA