

AID 1330-1
(6-64)

PRO AG

6630112-81

PD-AAB-924

PROJECT AGREEMENT
BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND
THE PLANNING COMMISSION

8 p.

AN AGENCY OF THE GOVERNMENT OF ETHIOPIA

The above-named parties hereby mutually agree to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

1. PROJECT/ACTIVITY NO.

663-11-130-112

PAGE 1 OF 8 PAGES

2. AGREEMENT NO.

276

3. ORIGINAL OR

REVISION NO. 1

PROJECT DESCRIPTION ANNEX A FOREIGN CURRENCY STANDARD PROVISIONS ANNEX

4. PROJECT/ACTIVITY TITLE

REGIONAL LIVESTOCK DEVELOPMENT

STANDARD PROVISIONS ANNEX SPECIAL LOAN PROVISIONS ANNEX

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

GENERAL AGREEMENT FOR TECHNICAL COOPERATION

DATE 6/16/51

5. PROJECT DESCRIPTION AND EXPLANATION

(See Annex A attached)

ECONOMIC COOPERATION AGREEMENT

DATE 4/25/57

6. AID APPROPRIATION SYMBOL

72-0111004

7. AID ALLOTMENT SYMBOL

154-50-663-00-69-11

(OTHER)

G. AID FINANCING

DOLLAR LOCAL CURRENCY

PREVIOUS TOTAL (A)

INCREASE (B)

DECREASE (C)

TOTAL TO DATE (D)

(a) Total

41,400

114,000

155,400

(b) PARTICIPANTS

90,000

90,000

(c) Commodities

41,400

14,000

41,400

14,000

(d) Other Costs

10,000

10,000

H. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT

\$1.00 = ETH. \$2.50

(a) Total

196,284

196,284

(b) Technical and other Services

12,992

12,992

(c) PARTICIPANTS

5,000

5,000

(d) Commodities

40,000

40,000

(e) CONSTRUCTION

62,400

62,400

(f) Other Costs

75,892

75,892

I. SPECIAL PROVISIONS (Use Additional Continuation Sheets, if Necessary)

11. DATE OF ORIGINAL AGREEMENT

August 7, 1970

12. DATE OF THIS REVISION

September 23, 1970

13. ESTIMATED FINAL CONTRIBUTION DATE

June 30, 1973

14. FOR THE COOPERATING GOVERNMENT OR AGENCY

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT

SIGNATURE:

PLANNING COMMISSION

DATE:

SIGNATURE:

William E. Reed

DATE:

TITLE:

ACTING DIRECTOR, USAID/E

H.E. Ato Abbebe Refta
Minister of Agriculture

F&A JEA
PRG 60
SMGT 10/11
XEROX
RCO 10/11
TRG 10/11

**PROJECT AGREEMENT
BETWEEN AID AND
THE PLANNING COMMISSION
AN AGENCY OF THE GOVERNMENT OF
ETHIOPIA**

1. Project/Activity No.
663-11-130-112

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2. Agreement No.
276

3. Original or
Revision No. 1

3. Project/Activity Title

REGIONAL LIVESTOCK DEVELOPMENT

PIO/P's in the amount of \$28,000 for new programs are in process but cannot be issued until individual participant candidates and their programs have been approved by the IEG's Inter-Ministerial Scholarship Committee. These PIO/P's will be issued within 9 months of the date of this Agreement or the funds in the amount of the unissued PIO/P's will be deobligated.

PIO/P's covering extensions or continuations of programs started in previous years will be issued upon receipt of sufficient information on the participant's academic performance and funding requirements. These extensions total \$62,000; necessary action will be taken by the end of May 1971.

William E. Reed
Acting Director
USAID/Ethiopia

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: DATE: _____

SIGNATURE: DATE: _____

TITLE: PLANNING COMMISSION

TITLE: ACTING DIRECTOR, USAID/E

**PROJECT AGREEMENT
BETWEEN AID AND
THE PLANNING COMMISSION
AN AGENCY OF THE GOVERNMENT OF
ETHIOPIA**

1. Project/Activity No.
663-11-130-112PAGE 3 OF 8 PAGES2. Agreement No.
2763. Original or
Revision No. 1

3. Project/Activity Title

REGIONAL LIVESTOCK DEVELOPMENT

I. BACKGROUND

Refer to Project Proposal (PROP) dated August 19, 1968, Project Agreement No. 242, dated July 16, 1968, and Project Agreement No. 260, dated July 25, 1969.

II. ACTIVITY OBJECTIVES

Refer to the project documents listed above. The activity objectives of this Agreement will remain essentially unchanged.

III. COURSE OF ACTION

Refer to the Project Implementation Plan (PIP) dated December 16, 1968. The Mission is currently preparing a revised PIP that will outline recent changes in the focus of the Regional Livestock Development project.

Work programmed for FY 1971 includes the construction of 295 miles of fire and boundary road and 24 temporary and permanent stock water ponds, the drilling of 24 wells, the construction of headquarters facilities at the old airport four miles northeast of Yabello, the completion of 18 dipping vats, and the installation of pumps on the 24 new wells.

IV. PROGRESS TO DATE

During FY 1970, project implementation emphasized work on the 800 square mile tract near Yabello in order to facilitate completion of the construction phase so that range management practices could be initiated in FY 1971. Negotiations of a fuel contract for the field operation were concluded and will assure an adequate fuel supply on the project site.

In FY 1970, the progress of the project was hindered by the following factors:

1. Problems in coordinating the construction commitments of the IEG Water Resources Department with the overall project management responsibilities of the Ministry of Agriculture.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: [Signature] DATE: _____SIGNATURE: William E. Rest DATE: _____

TITLE: PLANNING COMMISSION

TITLE: ACTING DIRECTOR, USAID/E

PROJECT AGREEMENT
BETWEEN AID AND
THE PLANNING COMMISSIONAN AGENCY OF THE GOVERNMENT OF
ETHIOPIA1. Project/Activity No.
663-11-130-112

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REGIONAL LIVESTOCK DEVELOPMENT

2. Logistical support problems of providing food and water to the isolated project site.
3. Difficulties of maintaining heavy equipment during the rainy season.
4. A high turnover of IEG project personnel.

Actual construction endeavors were limited to only six weeks of activity during FY 1970. However, many of the above operational problems were overcome by early June 1970.

During FY 1970, six new participants were selected and approved for training. Two of these participants will study veterinary medicine in Kenya, three will study range management, and one participant was funded for a one-year non-degree program in slaughterhouse management.

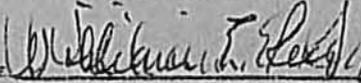
V. FINANCIAL PLAN

By the terms of this Agreement the U.S. agrees to contribute a total of U.S. \$224,000 and the IEG agrees to contribute the equivalent of U.S. \$196,284 to the project in FY 1971. The U.S. contribution represents both the amounts fiscally obligated by this document as shown on the face sheet (and below) and the anticipated costs of USAID technician services as shown below:

Cost Component (U.S. \$)	USC	IEG	TOTAL
Technicians (including PASA)	110,000	12,992	122,992
Participants	90,000	5,000	95,000
Commodities	14,000	40,000	54,000
Construction		62,400	62,400
Other Costs	10,000	75,892	85,892
TOTALS	224,000	196,284	420,284

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE:  DATE: _____SIGNATURE:  DATE: _____

TITLE: PLANNING COMMISSION,

TITLE: ACTING DIRECTOR, USAID/F

**PROJECT AGREEMENT
BETWEEN AID AND
THE PLANNING COMMISSION
AN AGENCY OF THE GOVERNMENT OF
ETHIOPIA**

1. Project/Activity No. 663-11-130-112	PAGE 5 OF 8 PAGES
2. Agreement No. 276	3. <input type="checkbox"/> Original or Revision No. 1
3. Project/Activity Title REGIONAL LIVESTOCK DEVELOPMENT	

SCHEDULE A
U.S. Technicians

POSITION TITLE	MONTHS
Livestock Advisor	12
Agricultural Engineering Advisor	12
Groundwater Hydrologist (PASA with USGS)	12

Total Estimated Cost: \$110,000

* Range Management Advisor (PASA with Bureau of Land Management)

12

** Funds for this position are provided, through FY 1971, in the FY 1970 ProAg, No. 260, Revision 4, and are not included in the above \$110,000

SCHEDULE B
Participants

NO.	TYPE OF TRAINING	COUNTRY	MONTHS	COST (est.)
<u>NEW PROGRAMS</u>				
1	Geology	US	18	7,000
2	Animal Science	US	18	14,000
1	Animal Genetics	US	13	7,000
4		Sub Totals		28,000

PROGRAM EXTENSIONS

8	Veterinary Medicine	TC	12	20,000
6	Range Management	US	12	42,000
14		Sub Totals		62,000
18		TOTALS		90,000

SCHEDULE C
Contract Services

NONE.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: *[Signature]* DATE: _____
TITLE: PLANNING COMMISSION

SIGNATURE: *[Signature]* DATE: _____
TITLE: ACTING DIRECTOR, USAID/E

**PROJECT AGREEMENT
BETWEEN AID AND
THE PLANNING COMMISSION
AN AGENCY OF THE GOVERNMENT OF
ETHIOPIA**

1. Project/Activity No.
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2. Agreement No.
276

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REGIONAL LIVESTOCK DEVELOPMENT

SCHEDULE D
COMMODITIES

ITEM	ESTIMATED COST
Vehicle maintenance supplies	14,000

SCHEDULE E
OTHER COSTS

ITEM	ESTIMATED COST
Technicians local travel	4,000
Vehicle fuel and lubricants	4,000
Local procurement	2,000
TOTAL	10,000

SCHEDULE F
IEG CONTRIBUTION

CATEGORY	EST. COST (Eth.)	U.S. \$ EQUIV.
Technicians and other Services	32,480	12,992
Participants	12,500	5,000
Commodities	100,000	40,000
Construction	156,000	62,400
Other Costs	189,730	75,892
TOTALS	490,710	196,284

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: *[Signature]* DATE: _____
TITLE: PLANNING COMMISSION

SIGNATURE: *[Signature]* DATE: _____
TITLE: ACTING DIRECTOR, USAID/E

PROJECT AGREEMENT
BETWEEN AID AND
THE PLANNING COMMISSIONAN AGENCY OF THE GOVERNMENT OF
ETHIOPIA1. Project/Activity No.
663-11-130-112PAGE 7 OF 8 PAGES2. Agreement No.
2763. Original or
Revision No. 1

3. Project/Activity Title

REGIONAL LIVESTOCK DEVELOPMENT

VI. SPECIAL PROVISIONSA. Local Currency Costs

AID will provide U.S. dollars for its share of local costs under this Agreement through special letter of credit financing in accordance with arrangements and procedures agreed to by AID and the Imperial Ethiopian Government unless U.S.-owned local currency is available to fulfill AID's obligations under this agreement.

B. Commodities

1. If and when U.S. Government-owned excess property becomes available and determination is made, that it will achieve the purposes of the project objectives and result in a substantive savings of authorized funds, it is agreed that the acquisition of such used excess property will be acceptable. Such substitutions and/or additions will be subject to mutual agreement between the parties hereto.

2. The Ministry of Agriculture will be responsible and liable for handling AID-financed commodity shipments from the point of entry in Ethiopia (port, airport, post office, railhead, etc.) to the point of delivery at the project site, and for maintaining adequate records to document the receipt and delivery of each shipment. Also, the Ministry will be responsible for the prompt performance of, and payment of costs for, import formalities, inland transportation, reconciliation of shipments, and the prompt submission of receiving reports to USAID/Ethiopia for each shipment received.

(a) The Ministry of Agriculture accepts responsibility for clearing all AID-financed commodities from the port of entry (port, railhead, post office, airport, etc.) within ninety days from the date of discharge from the vessel. Failing this, the cargo will be considered "distressed" and eligible for refund claim action. The Ministry will verify port clearance of each shipment by furnishing a copy of the forwarding waybill or a duly authorized statement giving the dates on which the shipment arrived and was cleared.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: [Signature] DATE: _____

TITLE: PLANNING COMMISSION

SIGNATURE: [Signature] DATE: _____

TITLE: ACTING DIRECTOR, USAID/E

**PROJECT AGREEMENT
BETWEEN AID AND
THE PLANNING COMMISSION**

1. Project/Activity No.
663-11-130-112

2. Agreement No.
276

3. Original or
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3. Project/Activity Title
REGIONAL LIVESTOCK DEVELOPMENT

AN AGENCY OF THE GOVERNMENT OF
ETHIOPIA

PROAG
CONTINUATION
SHEET

ANNEX A

(b) The Ministry of Agriculture agrees that shipments delivered to project sites will be opened and inspected promptly and the condition of the goods will be noted in the "Receiving Report" form provided by AID. The original and one copy of the "Receiving Report" will be returned to the USAID within sixty days of port clearance. Failing this, project delivery will be considered delinquent and the shipment eligible for refund claim action. Losses, shortages, or damages will be indicated in the "Receiving Report" and any action resulting therefrom will be supported with evidence to substantiate the claim.

3. The Ministry of Agriculture will be responsible for the prompt initiation and prosecution of claims for loss or damage of commodity shipments from suppliers to the project site.

4. The Ministry of Agriculture will be responsible for the continuing maintenance, repair, recurring operational and support costs for all AID-financed commodities provided under this Project Agreement. The Ministry will be responsible for an adequate property management system to show identification, maintenance, repair, operation, utilization, location and assignment of AID-financed commodities.

5. Marine Insurance may be provided for the commodities authorized under this Project Agreement only in compliance with paragraph 202.13 (b) (3) of AID Regulation 1.

6. Equipment purchased under this agreement will be used only for Regional Livestock Development project activities.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: *[Signature]* DATE: _____
TITLE: PLANNING COMMISSION

SIGNATURE: *[Signature]* DATE: _____
TITLE: ACTING DIRECTOR, USAID/E

PRO AG

6630112-7

PD-448-924

PROJECT AGREEMENT
BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),
AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND
PLANNING COMMISSION OFFICE

7p.

AN AGENCY OF THE GOVERNMENT OF Ethiopia

The above-named parties hereby mutually agree to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

1. PROJECT/ACTIVITY NO. 663-11-130-112 PAGE 1 OF 1 PAGES

2. AGREEMENT NO. 291 3. ORIGINAL OR REVISION NO. 1

PROJECT DESCRIPTION ANNEX A FOREIGN CURRENCY STANDARD PROVISIONS ANNEX

STANDARD PROVISIONS ANNEX SPECIAL LOAN PROVISIONS ANNEX

4. PROJECT/ACTIVITY TITLE

BORANA PILOT RANGE DEVELOPMENT

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

GENERAL AGREEMENT FOR TECHNICAL COOPERATION DATE 6-16-51

ECONOMIC COOPERATION AGREEMENT DATE 4-25-57

(Other) DATE

5. PROJECT DESCRIPTION AND EXPLANATION
(See Annex A attached)

6. AID APPROPRIATION SYMBOL 72-1121004 7. AID ALLOTMENT SYMBOL 254-50-663-00-69-21

8. AID FINANCING	PREVIOUS TOTAL (A)	INCREASE (B)	DECREASE (C)	TOTAL TO DATE (D)
<input type="checkbox"/> DOLLAR <input type="checkbox"/> LOCAL CURRENCY				

(a) Total	88,792	68,500		157,292
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(b) COMMODITIES PASA	78,792			78,792
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(c) COMMODITIES PARTICIPANTS		64,500		64,500
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(d) Other Costs	10,000	4,000		14,000
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9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT				
\$1.00 = Eth \$2.28275				

(a) Total		457,650		457,650
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(b) Technical and other Services		13,913		13,913
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(c) Commodities		4,348		4,348
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(d) Other Costs		217,519		217,519
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(e) Other Costs		160,566		160,566
		61,304		61,304

10. SPECIAL PROVISIONS (Use Schedule Commodity Sheet, if necessary)

11. DATE OF ORIGINAL AGREEMENT July 22, 1971 12. DATE OF THIS REVISION April 21, 1972 13. ESTIMATED FINAL CONTRIBUTION DATE December 31, 1973

14. FOR THE COOPERATING GOVERNMENT OR AGENCY
SIGNATURE: Ato Mitiku Tembere DATE: _____
TITLE: Planning Commission Office

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT
SIGNATURE: William E. Reed DATE: _____
TITLE: Acting Director, USAID/ETHIOPIA

H.E. Ato Abbebe Retta
Minister of Agriculture

Mission References:

PIO/T 20004
PIO/T 20005

Clearances:

ROG 3/21/72
PPS 3/27/72
JAO 3/27/72
FMS (as)

AID 1889-1A (2-70) PRO AG CONTINUATION SHEET ANNEX	PROJECT AGREEMENT BETWEEN AID AND PLANNING COMMISSION OFFICE	1. Project/Activity No. 663-11-130-112	PAGE 2 OF 7 PAGES
	AN AGENCY OF THE GOVERNMENT OF Ethiopia	2. Agreement No. 291	3. <input type="checkbox"/> Original or Revision No.
		3. Project/Activity Title BORANA PILOT RANGE DEVELOPMENT	

PFO/Ps in the amount of \$24,000 for three new programs are in process but cannot be issued until individual participant candidates and their programs have been approved by the IEG's Inter-Ministerial Scholarship Committee. These PFO/Ps will be issued by May 31, 1972, or the funds in the amount of the unissued PFO/Ps will be deobligated.

PFO/Ps for eleven (11) programs initiated in previous years will be issued upon receipt of sufficient information on the participants academic performance and funding requirements. The total amount for these PFO/Ps is estimated at \$40,500 and will be issued by May 31, 1972, or the funds in the amount of the unissued PFO/Ps will be deobligated.

William E. Reed
 Acting Director
 William E. Reed

For the Cooperating Government or Agency

SIGNATURE: *[Signature]*
 TITLE: Planning Commission Office

For the Agency for International Development

SIGNATURE: *William E. Reed*
 TITLE: Acting Director, USAID/ETHIOPIA
 DATE: 1/21/72

AID 1850-1A (8-70) PRO AG CONTINUATION SHEET ANNEX	PROJECT AGREEMENT BETWEEN AID AND PLANNING COMMISSION OFFICE	1. Project/Activity No. 803-115130-112	PAGE 3 OF 7 PAGES
		2. Agreement No. 291	3. <input type="checkbox"/> Original or <input checked="" type="checkbox"/> Revision No. 1
	AN AGENCY OF THE GOVERNMENT OF Ethiopia	3. Project/Activity Title BORANA PILOT RANGE DEVELOPMENT	

I. BACKGROUND

In Southern Ethiopia, there are large tracts with very good livestock production potential which are not presently significantly contributing to Ethiopia's economy. These tracts, populated by nomadic herdsmen, have an abundance of good grass but a very limited supply of water. Cattle production is presently less than one-third (1/3) the number that these areas are capable of supporting, provided that an adequate management program is made available, and proper animal health programs are carried out.

II. PROJECT OBJECTIVES

The principal objective is to increase the off take of livestock and livestock products in Ethiopia for both domestic and export consumption.

III. PROGRESS TO DATE

During FY 1971, project construction was accelerated to overcome delays experienced in FY 1970. Accomplishments in FY 1971 include:

1. The construction of 210 miles of fire and boundary road.
2. The repair of three and the completion of construction of four temporary and permanent stock water ponds.
3. The installation of pumps on one new well.
4. The administrative apparatus of the project has been shifted so that project management and operational responsibilities rest entirely with the Ministry of Agriculture.
5. Action towards the management of the Phase I area (Yabelo) has begun.
6. The approval of livestock owners for an Eth.\$.50 per animal unit grazing fee has been secured.
7. Construction of the headquarters facilities in the project area has begun (work-shop, office, residences).

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: _____ DATE: _____
 TITLE: **Planning Commission Office**

SIGNATURE: *William F. Reed* DATE: **4/21/72**
 TITLE: **Acting Director, USAID/ETHIOPIA**

AID 138D-1A (2-70) PRO AG CONTINUATION SHEET ANNEX	PROJECT AGREEMENT BETWEEN AID AND PLANNING COMMISSION OFFICE	1. Project/Activity No. 663-11-130-112	PAGE 4 OF 7 PAGES
	AN AGENCY OF THE GOVERNMENT OF ETHIOPIA	2. Agreement No. 291	3. <input type="checkbox"/> Original or Revision No. 1
			3. Project/Activity Title BORANA PILOT RANGE DEVELOPMENT

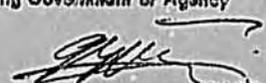
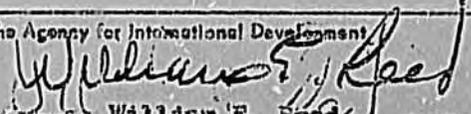
8. Observation plots were established in the pilot area.
9. A basic weather station in the pilot area has been established.
10. A range ecology study has been completed.
11. The establishment of a herbarium of the grass and forage species in the Sidamo area has been accomplished.

IV. COURSE OF ACTION

1. Work scheduled for FY 1972 includes the construction of 210 miles of fire and boundary road (which will complete 410 miles of road in the 800 square mile pilot area), and the completion of 8 dipping vats
2. Contract negotiations are underway to secure the services of the Ministry of Mines to drill ten wells in the project area.
3. Two technicians, a ground water hydrologist and a range management advisor will continue to be funded in FY 1972 under Participating Agency Service Agreements with other US Government Agencies (ref. P/O/Ts 20005-20006). The cost of services of a direct-hire project manager and a direct-hire agricultural engineer will also be provided
4. An evaluation of the project will be conducted during the fourth quarter of this fiscal year

V. FINANCIAL PLAN

By the terms of this Agreement the U.S. agrees to contribute a total of U.S. \$157,292 and the IEG agrees to contribute the equivalent of US \$457,650 to the Project in FY 1972

For the Cooperating Government or Agency  SIGNATURE: _____ DATE: _____ TITLE: <u>Planning Commission Office</u>	For the Agency for International Development  SIGNATURE: <u>William E. Reed</u> DATE: <u>2/21/72</u> TITLE: <u>Acting Director, USAID/Ethiopia</u>
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PRO AG
CONTINUATION
SHEET

ANNEX

PROJECT AGREEMENT

BETWEEN AID AND

PLANNING COMMISSION OFFICE

AN AGENCY OF THE GOVERNMENT OF

ETHIOPIA

1. Project/Activity No.

663-11-130-112

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2. Agreement No.

291

3. Original or

Revision No. 1

3. Project/Activity Title

BORANA PILOT RANGE DEVELOPMENT

COST COMPONENT (U.S \$)	USG	IEG	TOTAL
PASA Technicians	73,792	13,913	92,705
Participants	64,500	4,348	68,848
Commodities	-	217,519	217,519
Construction	-	160,566	160,566
Other Costs	<u>14,000</u>	<u>61,304</u>	<u>75,304</u>
TOTAL	157,292	457,650	614,942

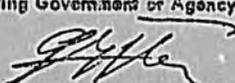
SCHEDULE A

U.S. Technicians

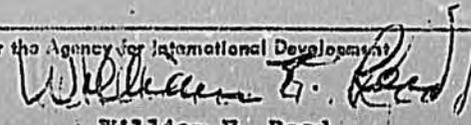
POSITION TITLE	MONTHS FUNDED
Groundwater Hydrologist) (PASA with U.S. Geological Survey)	12
Range Management Advisor) (PASA with Bureau of Land Management)	12

Total Cost: \$78,792

For the Cooperating Government or Agency

SIGNATURE: 
DATE: _____
TITLE: **Planning Commission Office**

For the Agency for International Development

SIGNATURE: 
DATE: **4/21/72**
TITLE: **Acting Director, USAID/Ethiopia**

AID 1330-1A
(8-70)
PRO AG
CONTINUATION
SHEET
ANNEX

PROJECT AGREEMENT
BETWEEN AID AND
PLANNING COMMISSION OFFICE
AN AGENCY OF THE GOVERNMENT OF
Ethiopia

1. Project/Activity No.
663-11-130-112
2. Agreement No.
291
3. Project/Activity Title
BORANA PILOT RANGE DEVELOPMENT

PAGE 6 OF 7 PAGES
3. Original or
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SCHEDULE B
Participants

No.	66	TYPE OF TRAINING	COUNTRY	MONTHS	COST (ESTIMATED)
<u>NEW PROGRAMS</u>					
1		Sheep Production	US	12	8,000
1		Animal Nutrition	US	12	8,000
1		Microbiology	US	12	8,000
					<u>24,000</u>
<u>EXTENSIONS</u>					
5		Veterinary Medicine	TC	12	18,420
2		Range Management	US	6	7,360
2		Animal Physiology	US	6	7,360
1		Animal Genetics	US	6	3,680
<u>1</u>		Hydrology	US	6	<u>3,680</u>
11					<u>40,500</u>
14		TOTALS			64,500

SCHEDULE C
Other Costs

ITEM	ESTIMATED COST
Technicians local travel	4,000
Vehicle fuel and lubricants	4,000
Local procurement	6,000
TOTAL	<u>14,000</u>

For the Cooperating Government or Agency
[Signature]
SIGNATURE: _____ DATE: _____
TITLE: **Planning Commission Office**

For the Agency for International Development
[Signature]
SIGNATURE: _____ DATE: **4/21/72**
TITLE: **Acting Director, USAID ETHIOPIA**

PROJECT AGREEMENT

BETWEEN AID AND

PLANNING COMMISSION OFFICE

AN AGENCY OF THE GOVERNMENT OF
Ethiopia

1. Project/Activity No.

663-11-190 112

2. Agreement No.

291

3. Project/Activity Title

BORANA PILOT RANGE DEVELOPMENT

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3. Original of
Revision No. 1

**SCHEDULE D
IEG Contribution**

CATEGORY	EST. COST (ETH.\$)	U.S.\$ EQUIV.
Technicians & other Services	32,000	13,913
Participants	10,000	4,348
Commodities	500,293	217,519
Construction	369,302	160,566
Other Costs	141,000	61,304
TOTALS	1,052,595	457,650

For the Cooperating Government or Agency

[Signature]

SIGNATURE: _____ DATE: _____
TITLE: **Planning Commission Office**

For the Agency for International Development

[Signature]

SIGNATURE: **William E. Reed** DATE: **5/21/72**
TITLE: **Acting Director, USAID/ETHIOPIA**

AIRGRAM

DEPARTMENT OF STATE

6630112 (10)

A.I.D.
Reference Center
Room 1656 NS

UNCLASSIFIED
CLASSIFICATION

PD-AAB-924

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TO - AID/W TOAIB A 1125

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DATE SENT
August 19, 1968

2

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FROM - ADDIS ABABA

SUBJECT - PROJECT HISTORY AND ANALYSIS REPORT

REFERENCE -

A. TECHNICAL ASSISTANCE PROJECT HISTORY AND ANALYSIS REPORT

1. Name of Cooperating Country - ETHIOPIA
2. Project/Activity Title: Regional Livestock Development
3. Project/Activity Number: 663-11-130-112
4. Date the Project was Initiated: June 28, 1965
5. Actual or Planned Terminating Date of Project: June, 1972
6. Period Covered by the Report: June, 1965 - May, 1968

OTHER AGENCY

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PAGE	PAGES
1	12
OF	

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AID AND OTHER CLEARANCES
PRG: DMGould

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B. CONTENT OF THE REPORT**1. The Background Situation**

Livestock production is practiced throughout the Ethiopian Empire and involves almost all of its agricultural people in one way or another excepting perhaps a portion of the coffee-producing farmers. In comparing the livestock industry with the coffee industry, coffee exports earn annually 7 times more foreign revenue for IEG than do exports from the entire livestock complex. Imperial Ethiopian Government officials and foreign livestock experts have long recognized that the livestock industry offers a great potential for Ethiopia both internally and for export. They are also very much aware of the many problems that impede the successful development and expansion of this industry such as the need for range improvement, including water development and controlled grazing, disease control, herd improvement, and improved livestock marketing. There are also political and civil problems closely related to livestock production.

IEG realizes the critical need for action programs to assist the livestock industry in the many producing areas of Ethiopia. They are aware, however, that neither available funds nor trained personnel are sufficient to undertake a nationwide livestock improvement program at this time. Realizing these limitations and with the approval of the Ministry of Finance, the Ministry of Agriculture decided to concentrate development efforts in the Southern Region of Ethiopia. This area of approximately 100,000 square miles is populated with an estimated eight million cattle plus a large number of sheep, goats, and camels. It was also decided that for a start a smaller area should be selected that has a high livestock production potential and that was not now contributing its reasonable share to the national economy.

It was agreed that the southern part of Sidamo Province certainly fell into the above category. It is also the home of the Borena cattle producers, the Borena cattle being the best breed of beef cattle in the Empire.

Previous joint agricultural livestock programs of the Ministry of Agriculture and AID had been largely country wide, and though helpful in many respects, had not greatly furthered the development of this cattle potential. It was therefore decided that this development project would be a more concentrated effort and directed at resolving the major livestock improvement and marketing problems on a regional basis. Additional studies of this area were made during the first half of 1965 by USAID and Ministry of Agriculture officials and a project agreement was signed by the Ministry and AID in June 1965. Most of FY 66 was devoted to more studies and to the early development and implementation phases of this project. The first pilot area for intensive development was designated near Yabelo and accelerated development work was begun on it during FY 1967. The pilot area consists of approximately 800 square miles and is typical of most of the southern part of Sidamo Province. It has an abundance of excellent grass and other vegetation but has a very limited livestock water supply.

A second pilot area of a little less than 100,000 acres was selected in the Adami Tulu area and development work was started there in early 1966. This pilot area is typical of the general area of the lake region of the Rift Valley, is heavily over-utilized and will provide an outstanding demonstration of proper range management, herd improvement and other closely allied improvement practices. A third pilot area is to be located in the Alahdayi Plains in what is generally referred to as the Middle Awash and is again typical of another cattle producing area of Ethiopia. The actual location of this pilot project is to be determined at a later date.

It is the intention of the Ministry of Agriculture to develop these three pilot projects along lines that include the following: well defined boundaries including access roads on a 10 mile grid, permanent water sources on most of these blocks of 100 square miles each and temporary watering places on the other blocks, controlled grazing on a lease permit basis -- these leases to be held by the cattlemen presently using these areas. Also included will be an animal health program and herd improvement practices for all participants. These pilot areas will serve as guides and patterns for larger and rapidly expanding programs that will eventually cover the entire region.

AID has provided to date mostly technical assistance, starting with the project coordinator in mid-1965, adding a Veterinary Advisor in mid-FY 1966, and a Range Management Advisor late FY 1966. The fourth technician, an Agricultural Engineer, dividing his time between this project and Agricultural Extension, arrived in early FY 1968. A Geologist on FASA arrived at post to work with the ground water development phase of the project in the third quarter of FY 1968. AID has also contributed part of the commodity support and funds for participant training for the project.

The IEG through the Ministry of Agriculture has provided qualified counterparts and other high level officials in making studies and developing plans for the project. They have provided most of the commodities and equipment for construction work for the project. The Ministry of Agriculture has an agreement with the Water Resources Department (WRD) of the Ministry of Public Works, whereby the former provides the funds and most of the equipment to WRD to enable the latter to do the development and construction work planned and supervised by the Ministry of Agriculture and AID Agricultural officials. The Ministry also provides personnel to staff this project, most of whom need considerable training. This is a combination of training on-the-job, third country, and U.S. participant training.

2. Project Targets and Goal Plan Objectives:

The overall objective of this project is to improve significantly the commercial livestock production and marketing of the Southern Region of Ethiopia. The foremost short range objective is to make studies and findings of this industry, especially as related to the southern region that would serve as guidelines in planning, developing, and implementing the Regional Livestock Development Project. These plans require the endorsement and support of both the IEG and USAID and the cattle producers of the area.

a. Moderately short-range targets and goals:

- (1) The establishment within the Ministry of a Range Development and Management Section within the Animal Production Division with all of the authority needed to establish, develop and operate Range Management programs such as described herein.
- (2) The establishment and complete development of the pilot demonstration area at Yabelo by FY 1970, the pilot area at Adami Tulu by FY 1969, and the pilot area in the Awash Valley by FY 1971.
- (3) The establishment by 1971 of a system of stock routes through improving existing routes and establishing new routes where necessary in the southern region. Development of new and improvement of existing water facilities and fencing small holding areas along the routes where necessary.
- (4) The establishment by 1969 of a Mobile Veterinary Service with the capability of serving the pilot areas under development and the surrounding areas influenced by them.
- (5) The establishment by the end of 1968 of an Extension-type program to give livestock educational assistance and guidance to the pilot areas under development. Also by 1971 to have an effective Livestock Extension program reaching most of the livestock producers in the Southern Region.
- (6) To achieve effective operation of existing cattle marketing centers at Dilla, Yabelo, and Mega by the end of 1969 and Neghelli during 1970.
- (7) Provide both U.S. and Third Country participant training for the senior technicians required to properly staff this project. In-service training for both senior and junior level staff will also be provided as required.

b. Long Range Objectives:

- (1) To achieve by 1972 an increase in the average weight of marketable animals from the Southern Region by 20 kilos (44 pounds) by providing improved range management, disease control and improved culling of herds. Cattle on the pilot development areas will achieve at least double this average in increased marketable weight.

(2) To achieve by 1972 a decrease of calf death losses (first year) from its present 40% to approximately 10% in the pilot areas with a similar but lesser impact in surrounding areas.

(3) To decrease by 1972 the average age of marketed animals from an estimated eight years to five years in the pilot areas and with a similar but lesser impact in surrounding areas.

(4) To complete plans and develop additional marketing centers and holding areas as studies justify in order to ensure continuous and dependable year-round supplies of livestock to strategically located slaughtering and processing plants.

(5) To increase the annual take-off for slaughter from the southern region from their present low of about 3% to 9% by 1977.

3. Project Results:

As indicated in the background much time has been devoted to the planning and implementation stages of this project. Both AID and IEG officials had to become convinced of the success of the plan before the project could obtain proper support. Civil unrest in the Neghelli area, the area first selected to begin this development work, resulted in some delay. Studies were then made of the Yabelo area, and it was agreed to select the Yabelo areas as the most suited for first development work. This decision was finalized in December 1965. Another delay of approximately six months occurred in 1966 when the Ministry of Agriculture received a new Minister and Vice Minister.

Nevertheless planning of the project continued. Early development plans to extend certain phases of the work to many parts of the southern region as rapidly as possible gave way to a more realistic approach. This was the pilot development plan on a more concentrated basis that gave much more assurance of controlled grazing and implementation of all improvement practices. It was found that earth moving equipment available to the project at this time was very short of what was needed but that it could be effectively used on the stock pond construction work. At the same time difficulties foreseen in giving proper logistic support to construction work due to the extremely bad roads caused ~~many~~ potential contractors to lose interest in the work. Therefore, the Ministry purchased additional earth moving and support equipment and received delivery of most of it in late 1967.

In spite of the above-mentioned delays, it can be said that the project has made very good progress to date under the circumstances such as:

(a) The first pilot area for development was selected in the Arrero District in the western part of Sidamo Province where development work started in late FY 1966. Five stock ponds have been completed in the pilot area and the sixth is under construction. The vaccination campaign has been extended to all the livestock producers using these five and two previously constructed ponds and to a considerable number of producers in nearby areas. Educational work has begun by informing IEG officials and cattle producers in the area about the intentions of the project. One new cattle crush has been constructed and a second modified in the area to be used in the vaccinating campaign. Sites for four more have been selected, and funds have been issued to cover costs of construction which has started.

(b) The second pilot area has been selected in the Adami Tulu area. The outside boundaries have been determined, and construction work on two stock ponds is completed. The third pond has been started.

(c) USAID/E procured the TDY services of a Veterinary Meat Inspector Advisor for 5 months during FY 1966 to draft for the Ministry of Agriculture a suitable proclamation and appropriate Meat Inspection Regulation. This proclamation has recently received IEG approval and has been passed on to His Imperial Majesty for final approval.

(d) Six participants were sent to U.S. in FY 1966 for training, 3 in Veterinary Medicine (DVM degree), one in Livestock Marketing (M.S.), one in Livestock Quarantine (practical), and one in Range Management (M.S.). One of the Veterinary participants transferred to Range Management and received his M.S. in April 68. He has just returned to Ethiopia and will be assigned to this project. The last 3 participants listed above have also returned to Ethiopia and are all presently associated with the project. In FY 66 the Directors of Livestock Production, Veterinary Department and Extension Department spent six weeks in the U.S. and Mexico on a study tour of the livestock production and marketing programs of western U.S. and Northern Mexico. Also in the third quarter of FY 1966 four officials of the Ministry assigned to this project took a 20-day study tour in Kenya and Uganda conducted by the AID/E Project Coordinator and Veterinary Advisor. The purpose was to enable both AID and IEG officials to observe elements of livestock development and marketing programs in those countries that might assist in developing the program in Ethiopia.

Three participants were sent to U.S. in FY 67 for training, one each for M.S. in Range Management, M.S. in Animal Science, and M.S. in Livestock Marketing. A fourth participant was sent to Nairobi, Kenya for training in Veterinary Medicine (DVM).

In FY 68, three participants are scheduled for Kenya for Veterinary Medicine and three for Hides and Skins training (18 months non-degree), three to U.S. in Range Management (M.S. degree), two to U.S. in Agricultural Engineering (M.S. degree), and three to Kenya for 3 months in Artificial Insemination, for a total of 14 participants.

(e) AID provided in 1966 a six weeks TDY USGS Geologist for a preliminary study for ground water development in the southern region. Recommendations from this study led to an agreement between IEG and AID to provide on PASA a geologist for a 2 year tour to work with the Water Resources Department (WRD) of the Ministry of Public Works in ground water development for this project. This PASA is on a trust fund arrangement with Water Resources Department and increased the AID-provided staff to 5 as shown in the last paragraph of B, Part 1.

(f) The Ministry of Agriculture has reached an agreement with WRD whereby the Ministry provides most of the earth moving machinery and equipment to WRD for the stock pond construction and other development work and funds to cover cost of operations including personnel as well as material for this and other construction work. The Ministry is presently negotiating with WRD to do the ground water development for the project on a similar basis but with WRD providing the drilling rig and the Ministry paying maintenance and operation cost and funds to cover other materials and equipment required in this program.

(g) The official staffing pattern for the project has been agreed upon. The project director and part of his senior staff have been appointed. A special account has been established in a local bank in the name of Regional Livestock Development and funds set aside for this project have been transferred to the account. Loan Agreement No. 663-G-008, signed October 20, 1965 by IEG and USAID/E, provided IEG Eth \$1,167,127.66. From this Ethiopian \$425,000 was made available to the Ministry of Agriculture (US \$170,000.00). These funds plus additional funds from the project budget totalling US \$332,000 were used in FY 67 to purchase heavy duty earth moving and support equipment from the U.S. to expand the construction capability of WRD for this Ministry project. Most of this equipment has arrived in Ethiopia and is on the job. Part of the equipment procured was USG excess property Title 608.

(b) Three Mobile Veterinary Units have been established and are working; one is in the Yabelo area, the second is headquartered at Adami Tulu and operating in Southern Shoa Province, and the third is for the Middle Awash in eastern Shoa and Western Harar Province.

4. Resources Employed:

a. U.S. Resources Employed:

(1) U.S. Funds:

- (a) Net obligation from FY 1965 through FY 1967 - \$442,000
 (b) Programmed for FY 1968 - \$289,000

(2) Resources by type

(a) U.S. Technicians through May 30, 1968:

8.7 man years

(b) Participants:	Location	No.	Total Months
(1) Study Tour Livestock Develop.	Kenya & Uganda	4	4.5
(2) " " " "	U.S.	3	3.0
(3) Range Management	U.S.	3	59.0
(4) Livestock Marketing	U.S.	2	33.0
(5) Veterinary Medicine	U.S.	3	73.0
(6) Veterinary Medicine	Kenya	1	12.0
(7) Animal Science	U.S.	1	<u>11.0</u>
Total Man Months to May 30, 1968			195.5

Additional information is given here in accordance with the type of training.

Three participants were given six weeks observation study in Western U.S. and Northern Mexico on livestock production and marketing in 1965. Presently two of these participants are assistant ministers of Agriculture and the third is on leave from the Ministry to the United Nations in connection with the World Food Program.

Four participants were given a 20-day study tour in Kenya and Uganda observing range and livestock development projects. One participant is presently Project Director of Regional Livestock Development, two are in U.S. for degree training in Range Management and Livestock Production, and the fourth is with the Veterinary division working in the general project area.

Of the three Range Management participants, two have received M.S. degrees in U.S. and returned to Ethiopia and are now assigned to the Project; the third is still in U.S. in training.

Of the two Livestock Marketing participants, one received his M.S. degree, returned to Ethiopia and is presently Deputy Director of the Livestock and Meat Board; the other participant is still in U.S. in training.

All three Veterinary Participants are still in the U.S. in training.

The fourth Veterinary Participant is still in training in Kenya.

The one Animal Science Participant is still in training in the U.S.

(c) Commodities:

FY 1965 through FY 1967 = \$165,000

Programmed for FY 1968 = \$ 43,570

Commodities procured from FY 1965 through FY 1967 consisted of transportation and communication equipment for the Mobile Vaccinating Units along with scientific, refrigeration, and camping equipment to support these units. Also similar equipment was included for other field teams such as for USAID project technicians, the project director, and range management units. One tractor, with attachments and a wagon was procured in FY 1966. Spare parts for transportation equipment and the tractor were also included. All of the transportation equipment, cost of the camping equipment, and a major part of the other equipment excepting spare parts and part of the excess property procured generators are in use for purposes intended. Part of the equipment originally intended for the Mobile Vaccinating Units is being used in the stock pond construction and range development phase of the project.

(d) Other Resources:

Commodities valued at approximately \$160,000 originally intended for Yemen were diverted in FY 1967 to this project. They consisted of 3 windmills, turbine and submergible pumps with power units, one caterpillar front end loader, three new chevrolet pickups, one 6 x 6 2½ ton truck (808 excess property), a large volume of water pipe plus fittings, a variety of smaller items and spare parts.

(e) U.S. owned local currency:

Eth \$425,000 (US \$170,000) U.S.-owned Title 104 (g) PL 480 generated currency was loaned to the Ministry of Finance who in turn granted this amount to the Ministry of Agriculture for use on this project. The Ministry used these funds along with some of their own to buy 6 new D7-E caterpillar tractors with required attachments, and two new F112 Motor graders. They also bought from U.S. 608 Excess Property 6 Scrapers and an assortment of support equipment for the project.

(f) Counterpart local currency - none

b. Cooperating Country Resources Employed:

(1) Total value (FY 1965 through FY 1967) Eth \$610,000 (US \$234,000). These funds were used to procure equipment for construction phases of the project, salaries, per diem and allowances for personnel involved in the project, and fuel and supplies used for the project work.

(2) Total value FY 1968 Eth \$1,110,000 (US \$440,000) is being used for generally the same purpose as 1 above but with less emphasis on procurement of equipment and more on actual field work and construction phases of the project.

(3) Cooperating Country Man Hours

(a) FY 1965 - none - All field studies and other time devoted to the project were charged to Ministry Activities.

(b) FY 1966 - Man Years - 5 (Estimated) no personnel were transferred to the project until FY 1967 and the project was still mostly in a planning stage; therefore, a percentage of senior officials' time and the field veterinary work done in the area was charged to the project.

(c) FY 1967 - Man Years 18.2. This large increase reflects the WRD construction crews, veterinary works, and increased senior staff.

(d) FY 1968 - through May 30 - Man Years - 24. The construction work and veterinary programs have been about the same for FY 1968 as in FY 1967 except during the last three months since the new operators, mechanics, etc., for the new construction equipment have been on the payroll.

C. Resources Employed by other Contributors - None

5. Major Factors Affecting Progress:**a. Cooperating Country Performance:**

Taking all facts in consideration, this project has progressed more satisfactorily than any project under the direct administrative jurisdiction of the Ministry of Agriculture. Even so, it should and could have been complemented much better had not so many delaying factors been encountered. On the affirmative side, to date the project has never lacked adequate financial support. However, it is doubtful that this financial assistance can continue in the future without external assistance in the form of a loan, possibly from AID.

On the other hand, the red tape of administration within the Ministry, the hesitancy of high level Ministry officials to make decisions both major and minor, the apparent lack of confidence between the Ministry and WRD, and the red tape of other Ministries such as customs and the Ministry of Commerce have created an almost continuous state of confusion, delays, and frustrations for those involved in implementing the project. Another factor beyond ~~an~~ everyone's control but creating much delay and many disappointments in implementing the program in the Yabelo area has been the almost continuous rains during the past 18 months in the high country between Dilla and the Southern end of the Coffee Country.

b. U.S. Performance:

There have been two major factors causing delays in the project ~~and~~ implementation involving USAID, both caused by the closing of the Suez Canal. One is the delay in delivery of AID-financed and procured commodities, and the second is the IEG-financed and AID-procured 608 Excess Property for support of the project. Other factors besides the Suez Canal closure seem to be involved in the delayed delivery of 608 equipment such as the investigations of certain service contractors and AID personnel involved in handling this equipment.

6. Appraisal of Results

a. Rate of progress has been slower than had been projected in earlier planning for reasons pointed out in 3 Project Results. It can be seen now that plans first developed for the project were over-optimistic. Also, as additional U.S. technical know-how was fed into the project and additional studies were made some phases of the early plan were modified to a more practical approach of a broader development plan in selected areas. Target dates had to be changed but are now more in line with development operations.

b. The overall objective of producing and marketing more livestock of an improved quality from the southern region of Ethiopia in order to strengthen its economy and for the area to contribute more to the national economy of Ethiopia has not changed. The construction and physical development phases seem to be progressing more satisfactorily than the administrative capabilities of the Ministry.

It is significant to note that Kenya is presently engaged in developing plans and making efforts to acquire funds for a livestock and water development scheme in northern Kenya not too different from our own. Also Somalia is planning similar action. AID missions in these two neighboring countries along with that of Ethiopia are pushing for a truly regional development project involving all three countries and considerable progress in this direction has already been made.

7. The Mission Director's Comments and Evaluation of the Project

From the Mission's viewpoint, improved production and marketing of livestock, including the several related ~~XMAS~~ programs such as animal health and range management are of top priority for Ethiopia's agricultural programs. This Regional Livestock Development Project is a pilot development plan that when fully implemented should rapidly lead to greatly expanded programs that will provide similar development to many of the major cattle producing areas of the Empire.

The program is well designed to improve economic returns for both the cattle producers and IEG. It also is the forerunner to a truly regional approach involving cattle production and marketing of good quality cattle from Southern Ethiopia, Northern Somalia Republic, and the North East Frontier. It fits well into the Phase IV and V Rinderpest programs being extended to East Africa, and will be greatly assisted by the International Highway programs being programmed for the same region. Increased and improved production of disease free cattle from this southern area will also increase the availability of cattle for the heavy meat consuming coffee producing area, the growing Addis Ababa market, and for export through the Sheshamane Slaughtering and Processing Plant.

This project is actually still in its infancy and many problems remain to be resolved such as adequate and readily available funding, administrative problems in the Ministry, and an adequate number of well trained and properly supported Ethiopian field staff. Even so, the progress made to date has assisted greatly in awakening the IEG to the great economic potential of the livestock industry of the Empire. Over the coming months the Mission will bend all efforts to accelerate the pace of events in the project and to secure all necessary financial support on a timely basis from the IEG therefore.

HALL

A.I.D.
Reference Center
Room 1656 NS

September 30, 1970

PROJECT IMPLEMENTATION PLAN
(Revision No. 1)

9p

- 1. Project Title: Regional Livestock Development
- 2. Project No.: 663-11-130-112
- 3. PROP No.: TOAID A-1130, dated August 19, 1968
- 4. Period Covered by this Revision: Begin: FY 1969
End: FY 1973
- 5. Project Statement:

Because of limited Imperial Ethiopian Government funds, equipment logistical problems, and difficulties in coordinating construction contracts, the emphasis of the Regional Livestock Development Project focused in September, 1968 on an 800 square mile unit near Yabelo, Sidamo Province. (Formerly, project implementation included simultaneous construction activities in Abernosa, 128 square miles and Yabelo, 1,600 square miles). Concentration of project implementation on the Yabelo area will facilitate more efficient construction management and earlier completion of the construction phase of the range units so that range management practices can be demonstrated.

Work plans presented in this Revision reflect the current targets and the amended scope of the project.

This revised implementation plan has been prepared jointly by the Livestock Production Division, Ministry of Agriculture, and the Food and Agriculture Division, USAID/Ethiopia, and is hereby accepted and agreed to by both parties.

This Project Implementation Plan does not constitute a commitment of resources by either the Imperial Ethiopian Government or the United States Government.


Ato Ephraim Bekele, Project Director
Livestock Production Department
Ministry of Agriculture
Imperial Ethiopian Government


Mr. Jack Walker, Project Coordinator
Food and Agriculture Division
USAID/Ethiopia

Clearances:
FLA: LHoldercroft *JSA*
PRG: RCohen *RC*
SNGT: JBourne *JBS*
TRG: RRossiter *RR*
CO: LHagerty *LH*

Pouched 10/20/70



JOINT PROJECT IMPLEMENTATION PLAN PART II - SELECTED OUTPUT INDICATORS		1. COOPERATING COUNTRY ETHIOPIA	2. PROJECT TITLE REGIONAL LIVESTOCK DEVELOPMENT		3. PROJECT NUMBER 663-11-130-112	4. DATE (Month, Day, Year) September 30, 1970		5. <input checked="" type="checkbox"/> DRAFT <input type="checkbox"/> ORIGINAL <input checked="" type="checkbox"/> REVISION NO. 1		
6. CODE (For AID/W use only)	7. IDENTIFICATION OF OUTPUT AND SPECIFIC TARGETS	7. TIME PHASED ACCOMPLISHMENT								
		TO DATE	FY- 71	FY-72	FY-	FY-	FY-	FY-	PROJECTED TOTAL	
	11. Thousands of cattle vaccinated in Sidamo Province	Through FY 70	1,600	3,500	3,500					
	12. Stock ponds constructed along stock routes outside pilot area		3	--	--					
	13. Number of wells drilled along stock routes outside pilot area		--	--	--					
	14. Number of livestock marketing centers improved or established in the Southern Region		2	2	--					
	15. Number of dipping vats and cattle crushes built within or adjacent to pilot areas:									
	a. dipping vats		--	16	--					
	b. cattle crushes		4	12	--					
	16. Number of cattle marketed from the project area per year ^{3/4}		960	1,920	3,200					
	17. Value of cattle marketed in the area per year (\$U.S.\$1,000) ^{2/4}		26.9	53.8	89.6					
	^{2/4} Improved range conditions and management will result in increased calf percent and livability and earlier maturity, thus providing more cattle for market. Off-take is estimated for FY 1970 to be 3%, FY 1971 - 6%, and by FY 1972 - 10%.									

JOINT PROJECT IMPLEMENTATION PLAN PART III - PERSONNEL REQUIREMENTS		1. COOPERATING COUNTRY ETHIOPIA	2. PROJECT TITLE REGIONAL LIVESTOCK DEVELOPMENT				3. PROJECT NO. 663-11-130-112	4. DATE (Month, Day, Year) September 30, 1970		<input checked="" type="checkbox"/> DRAFT <input type="checkbox"/> ORIGINAL <input checked="" type="checkbox"/> REVISION NO. 1			
5. CATEGORY OF PERSONNEL		6. TIME PHASED REQUIREMENTS								7. TOTAL REQUIREMENTS			
		FY. 70		FY. 71		FY. 72		FY. 73				FY.	
		MM	FUNDS	MM	FUNDS	MM	FUNDS	MM	FUNDS	MM	FUNDS		
A. UNITED STATES CONTRIBUTION (Funds shown in U.S. \$ Thousands)													
1. AID DIRECT HIRE		30	141	24	70	24	80	24	80			8.5	371
a. U.S.													
b. Local													
c. Third Country													
2. PASA													
a. Obligations		12	40	20	91	24	80	24	80			6.7	291
b. Expenditures													
3. AID CONTRACTOR EMPLOYEES													
a. Obligations													
b. Expenditures													
4. AID INDIVIDUALLY CONTRACTED EMPLOYEES													
5. BORROWER/GRANTEE CONTRACT EMPLOYEES ^{1/}		24	25	12	20	12	20					4.0	65
6.													
B. COOPERATING COUNTRY CONTRIBUTION (Funds shown in equivalent U.S. \$ Thousands)													
1. CENTRAL GOVERNMENT			32		13		19		19				71
2. REGIONAL, STATE PROVINCIAL OR LOCAL GOVT.													
3.													
4.													
C. OTHER DONORS OR COOPERATING SPONSORS CONTRIBUTION (Funds shown in equivalent U.S. \$ Thousands)													
1.													
2.													
3. ^{1/} OPEX - Salary Topping													

Note of exchange: U.S. \$1 =

JOINT PROJECT IMPLEMENTATION PLAN PART IV - PARTICIPANT REQUIREMENTS		1. COOPERATING COUNTRY	2. PROJECT TITLE			3. PROJECT NUMBER		4. DATE (Month, Day, Year)		<input checked="" type="checkbox"/> DRAFT <input type="checkbox"/> ORIGINAL <input type="checkbox"/> REVISION NO. 1												
		ETHIOPIA	REGIONAL LIVESTOCK DEVELOPMENT			663-11-130-112		September 30, 1970														
5. FIELD OF SPECIALIZATION	6. NO.	7. I/ TYPE	8. PLANNED DEPARTURE DATE	9. DURATION OF TRAINING	10. FUND REQUIREMENTS (Shown in U.S. \$ Thousands or equivalent)																	
					Through U.S.					COOPERATING COUNTRY												
					FY70	FY-71	FY72	FY73	FY-	TOTAL	FY70	FY71	FY72	FY73	FY-	TOTAL						
Veterinary Medicine	3	AU		48	39.9																	
Veterinary Medicine	1	AT		48	6.0						39.9	3.9										3.9
Veterinary Medicine	2	AT		48	15.0	5.0					6.0	.2										.2
Veterinary Medicine	4	AT		48	20.0	10.0	10.0				20.0	.4										.4
Veterinary Medicine	2	AT	8-70	48	4.0	5.0	5.0	5.0			40.0	.8										.8
Range Management	1	AU		24	13.0						20.0	.4										.4
Range Management	7	AU		24	43.0	48.0	6.0				13.0	1.3										1.3
Agricultural Engineering	3	AU		24	31.2						97.0	9.1										9.1
Hides and Skins	3	AT		18	3.0						31.2	3.9										3.9
Slaughterhouse Mgt.	1	AU	8-70	12	6.6						3.0	.6										.6
Geology	1	AU	8-71	24		7.0	6.0				6.6	1.3										1.3
Animal Physiology	2	AU	8-71	24		14.0	12.0				13.0		1.3									1.3
Animal Physiology	2	AU	8-72	24			14.0	12.0	12.0		26.0		2.6									2.6
Animal Genetics	1	AU	8-71	24		7.0	6.0				26.0			2.6								2.6
Animal Genetics	1	AU	8-72	24			7.0	6.0	6.0		13.0		1.3									1.3
											13.0			1.3								1.3
TOTAL					182.7	96.0	66.0	23.0			367.7	21.9	5.2	3.9								31.0

1/ One participant to be extended for a third year.

1/ Indicate by combination of letters if participants are: 1st - A - AID Directly Financed; B - Contract Financed; or C - Cooperating Country Financed.
2nd - U - U.S. Training, T - Third Country Training or X - Combined U.S./Third Country Training

Rate of exchange:
U.S. \$1 = Eth. 2.50

JOINT PROJECT IMPLEMENTATION PLAN PART V - COMMODITY AND OTHER REQUIREMENTS - TECHNICAL ASSISTANCE			1. COOPERATING COUNTRY ETHIOPIA		4. DATE (Month, Day, Year) September 30, 1970		
2. PROJECT TITLE REGIONAL LIVESTOCK DEVELOPMENT			3. PROJECT NUMBER 663-11-190-112		<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> REVISION NO. 1		
5. DESCRIPTION	6. I/ TYPE	7. DATE RE- QUIRED	8. FUND REQUIREMENTS				
			FY-69	FY-70	FY71	FY-72	FY-73
A. U.S. INPUTS (U.S. \$ Thousands or equivalent)							
Commodities							
Scientific equipment and supplies	A/G		4.0	5.0			9.0
Tools and shop equipment	A/G		4.0	3.0			7.0
Well maintenance equipment	A/G		2.0	1.0			3.0
Plastic pipe and fittings	A/G		10.0				10.0
Radio equipment	A/G		5.0				5.0
Vehicle maintenance supplies	A/G			5.0	14.0		19.0
Pesticides	A/G			1.0			1.0
Total			25.0	15.0	14.0		54.0
Other Costs							
Local travel	G		10.0	10.0	4.0	4.0	32.0
Local procurement	G		5.0	5.0	6.0	6.0	28.0
Total			15.0	15.0	10.0	10.0	60.0
B. COOPERATING COUNTRY INPUTS (Funds in equivalent U.S. \$ Thousands)							
Maintenance of roads					.5	1.0	2.3
New roads construction					2.3	-	2.3
Maintenance of ponds					3.2	3.2	9.8
New pond construction					34.0	23.0	77.0
Temporary pond construction					32.0	18.0	48.0
Well construction					43.2	129.0	172.2
Dipping vats					18.0		18.0
Cattle shutes					1.5		1.5
Diversion ditches					.9	.9	1.8
Pump houses					1.2		1.2
Tools for tractors					2.0	1.0	4.0
Supervision					3.2	4.0	11.7
Total					180.0	178.1	347.8
C. OTHER DONOR INPUTS (Funds in equivalent U.S. \$ Thousands)							
INPUTS FROM SUPPLEMENTARY BUDGET OF AG (SECTION 104)							
New pond construction					10.2		10.2
Maintenance of ponds					1.4		1.4
Pump installation					107.8		107.8
Well construction					11.7		11.7
Well maintenance					23.8		23.8
Construction of headquarter facilities					2.1		2.1
Insecticides for dipping vats					62.7		62.7
Tools for tractors					11.8		11.8
Parts and repairs for heavy equipment					1.7		1.7
New vehicles					238.4		238.4
Water study - Sidamo							
Total					238.4		238.4
Indicate as appropriate by letter code whether inputs are: G - Grant Financed or L - Loan Financed For U.S. Commodities only, indicate by letter code whether they are: A - AID Procured; B - Contractor Procured; or C - Cooperating Country Procured					Rate of exchange: U.S. \$1 = 2.50		

AID 1380-1X (9-70) PIO/T	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	1. Cooperating Country Ethiopia	Page 1 of 1 Pages
		2. PIO/T No. 663-112-2-20005	3. <input type="checkbox"/> Original or Amendment No. <u>1</u>
		4. Project/Activity No. and Title 663-11-130-112 Regional Livestock Development (Range Management Advisor) 1 p.	

DISTRIBUTION	5. Appropriation Symbol 72-1121004		6. A. Allotment Symbol and Charge 254-50-663-00-69-21		6. B. Funds Allotted to: <input type="checkbox"/> A.I.D./W <input checked="" type="checkbox"/> Mission	
	7. Obligation Status Action Request <input type="checkbox"/> Administrative Reservation <input type="checkbox"/> Subobligation				8. Funding Period (Mo., Day, Yr.) From <u>7-1-71</u> to <u>6-30-72</u>	
	9. A. Service to Start (Mo., Day, Yr.) Between <u>7-1-71</u> and <u>NA</u>				9. B. Completion date of Services (Mo., Day, Yr.) <u>6/30/72</u>	
	10. A. Type of Action <input type="checkbox"/> Cooperating <input type="checkbox"/> Participating Agency <input checked="" type="checkbox"/> Other: <input type="checkbox"/> A.I.D. Contract <input type="checkbox"/> Country Contract <input checked="" type="checkbox"/> Service Agreement					
	10. B. Authorized Agent AID/Washington					
	Estimated Financing		(1)	(2)	(3)	(4)
\$1.00 = \$2.50		Previous Total	Increase	Decrease	Total to Date	
11. Maximum A.I.D. Financing	A. Dollars	34,505	1,545		36,050	
	B. U.S.-Owned Local Currency					
12. Cooperating Country Contributions	A. Counterpart					
	B. Other					

13. Mission
References
Addis Ababa
2383
State
085653
083164

14. Instructions to Authorized Agent
 The purpose of this amendment is to add funds to cover the costs relative to the return to the U.S. of the Range Management Advisor, under PASA AFR(IE) 27-70, who is retiring from U.S. Government Service by June 30, 1972. Services under the PASA will, therefore, be completed.

Clearances:
 AFR/EAF:AMatthews *AM* AFR/EAF:CSanders *CS*

15. Clearances - Show Office Symbol, Signature and Date for all Necessary Clearances.

A. The specifications in the scope of work are technically adequate	B. Funds for the services requested are available
C. The scope of work lies within the purview of the initiating office and approved Agency Programs	D.
E.	F.

16. For the cooperating country: The terms and conditions set forth herein are hereby agreed to	17. For the Agency for International Development	18. Date of issuance
Signature and date:	Signature: <u><i>[Signature]</i></u>	5/25/72
Title:	Title: Dep. Director, AFR/MGT/C	