

NON-CAPITAL PROJECT PAPER. (PROP)

Country: ETHIOPIA

Project Number: 663-11-130-112

Submission Date

*2/13/71*

Original \_\_\_\_\_

Revision No.: 1

Project Title: REGIONAL LIVESTOCK DEVELOPMENT

U.S. Obligation Span: FY 1965 - FY 1973

Gross Life-of-Project Financial Requirements:

U.S. Dollars (000) Grant ..... 1,954

Cooperating Country Cash Contribution ..... 1,211  
(Exchange Rate: E\$2.48125 = US\$1.00)

Total

3,165

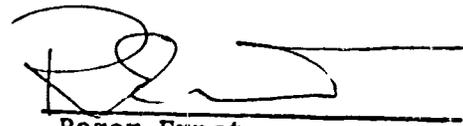
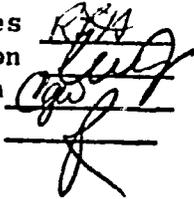
Clearances:

F&A: RIHolmes

PRG: CJohnson

CO: CWarren

DD: WEReed



Roger Ernst  
Director-Counselor

BEST AVAILABLE

This revised PROP reflects a change in the purpose and scope of the Regional Livestock Development Project and is the result of the Mission's evaluation, which was conducted in December 1970.

The former PROP encompassed the development of range lands in Abernosa, 128 square miles, and Yabelo, 1,600 square miles. The project, as presented in this revision, focuses project activities on an 800 square mile demonstration unit near Yabelo in order to facilitate more efficient construction, management and earlier completion of the construction phase.

The Project Implementation Plan (PIP), which was revised in September 1970, conforms with this PROP revision.

#### A. PROJECT GOAL

##### 1. Statement of Goal

The goal of this project is to support the Third Five-Year Plan Livestock Subsector target of 34% increase in productivity over the 1968 level by 1973.

##### 2. Measurement of Goal Achievement

Successful demonstration of management practices will result in an increase in cattle off-take from the present 3% to an estimated 10% by FY 1973. To date, project inputs have increased off-take to 6%.

The increased number of cattle sold on local markets as evidence by the payment of additional head taxes and increased herd size as shown by grazing tax are the measurement indicators for achieving the goal.

##### 3. Basic Assumption of Goal Achievement

To attain the goal of increased productivity for the Livestock Subsector the IEG will, by utilizing the successful techniques developed in this demonstration project, continue and expand similar range management programs.

TABLE I

NON-CAPITAL PROJECT FUNDING (OBLIGATION IN \$000)

Country: ETHIOPIA

Project Title: Regional Livestock Development

PROP REVISION NO. 1

Project No. 663-11-130-112

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Fiscal Years	AP	L/G	TOTAL	Personnel Services				Participants		Commodities		Other Costs	
				AID	PASA	CONT	TCN	U.S.	CONT	U.S.	CONT	U.S.	CONT
Prior Through FY 1971	TC	G	1,564	661	188	48	1	357	-	267	-	42	-
Operational Yr. FY 1972	TC	G	267	93	96	-	-	68	-	-	-	10	-
Budget FY 1973	TC	G	123	45	45	-	-	28	-	-	-	5	-
<b>TOTALS</b>			<b>1,954</b>	<b>799</b>	<b>329</b>	<b>48</b>	<b>1</b>	<b>453</b>	<b>-</b>	<b>267</b>	<b>-</b>	<b>57</b>	<b>-</b>

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TABLE II

OTHER FINANCING FOR REGIONAL LIVESTOCK DEVELOPMENT PROJECT

(Obligations in \$000)

Fiscal Years	AID-Controlled Local Currency	Other Cash Contribution Cooperating Country a/	Other Donor Contribution
Prior Years Through FY 1971	-	1,023	-
Operational Year FY 1972	-	178	-
Budget FY 1973	-	10	-
<b>TOTALS</b>		<b>1,211</b>	

a/ A portion of these costs are financed with AID agricultural sector loan proceeds

**B. PROJECT PURPOSE**

**1. Statement of the Purpose**

The purpose of this project is to assist the IEG to establish a self-sustaining and expanding project demonstrating that increased cattle production for market will result from the use of proven range and stock management practices.

**2. Conditions Expected at the End of the Project**

At the completion of this project in FY 1973, the following conditions should be identifiable as achievement of project purpose:

- a) Trained and qualified IEG management personnel are in place and functioning.
- b) Recommended range management practices are in effect.
- c) Village communities are established within the 800 square mile demonstration unit.
- d) Plan for continuation of additional demonstration units are underway.
- e) Physical facilities are constructed.
- f) A general improvement in herd quality is noticeable.

**3. Basic Assumptions**

It is assumed that adequate markets, stock routes and facilities will be available to utilize the increased numbers and quality of cattle. It is also assumed that the IEG will continue to support a self-sustaining and expanding project.

**C. PROJECT OUTPUTS**

**1. Statement of Project Outputs**

<u>Outputs</u>	<u>Output Indicators</u>
<u>Water:</u>	
a. Permanent ponds completed	a. 16 constructed
b. Temporary ponds completed	b. 16 constructed
c. Wells in operation	c. 24 drilled
d. Pump houses completed	d. 24 constructed

Outputs

- e. Trained IEG Ag. Engineers assigned to project
- f. Trained IEG Geologist assigned to project

Output Indicators

- e. 3 participants trained by 1973
- f. 1 participant trained by 1973

Grazing:

- a. Grazing units operational and stocked
- b. Trained IEG Range Mgt. Specialist assigned to project

- a. Range management plan developed for each of 8 100 square mile units
- b. 8 participants trained by 1973

Health:

- a. Dipping vats completed
- b. Cattle crushes completed
- c. Trained IEG veterinarians assigned to project

- a. 16 constructed
- b. 16 constructed
- c. 12 participants trained by 1973

Access Roads:

- a. Roads, boundaries and firebreaks completed

- a. 420 miles constructed

Stock Improvement:

- a. System for selection and improvement of cattle in operation
- b. Trained IEG Animal Physiologists assigned to project
- c. Trained IEG Animal Geneticists assigned to project

- a. Livestock upgrading program initiated through Extension service
- b. 4 participants trained
- c. 2 participants trained

Outputs

Output Indicators

Marketing:

- a. All necessary livestock marketing routes, related facilities and operational personnel provided and in place

- a. Liaison developed between Livestock and Meat Board and project personnel

IEG Project Facilities and Management:

- a. Qualified IEG Project Director assumes project management responsibility
- b. On-site office, workshops and residences completed

- a. Counterpart to USAID Project Coordinator trained to direct project
- b. One office, 2 residence and 2 workshops completed

Master Zoning Plan:

- a. Master zoning plan implemented

- a. Village communities located. Cropping patterns and water supplies designed. Clearing and leveling of designated areas is initiated.

2. Basic Assumption

To reach project outputs, it is assumed that local leaders will continue to support, and enforce, the recommended range management practices and the master zoning plan.

D. PROJECT INPUTS

1. Statement of Project Inputs

Inputs

Magnitude of Inputs

Water:

- a. USAID Technicians

- a. A Groundwater Hydrologist and an Agricultural Engineer to assist with location and construction of wells, ponds and roads are each funded for 2 man years.

Inputs

- b. USAID commodities
  
- c. Training for IEG participants

Magnititudo of Inputs

- b. USAID funds are used to supply pumps, pipe and material for construction of pump houses.
  
- c. 3 participants in Agri. Engineering and one in Geology are funded for 2 years of graduate study.

Grazing:

- a. USAID technicians
  
- b. Training for IEG participants

- a. A Project Coordinator is funded for 4 man years and a Range Management Advisor to assist in designing a range management scheme is funded for 3 man years.
  
- b. 8 participants are funded for 2 years of graduate study in range management.

Health:

- a. Training for IEG participants

- a. 12 participants are funded for 4 years of veterinary training.

Access Roads:

- a. USAID technician

- a. Ag. Engineer (as above)

Stock Improvement:

- a. USAID technician
  
- b. Training for IEG participants

- a. Project Coordinator (as above)
  
- b. 4 participants in Animal Physiology and 2 participants in Animal Genetics are funded for 2 years of graduate study.

Marketing:

- a. Marketing improvement through collaboration with IEG Livestock and Meat Board

- a. Communication established between Livestock and Meat Board and IEG and USAID project personnel.

Inputs

Magnitude of Inputs

IEG Project Management and Support

- |                                     |   |
|-------------------------------------|---|
| a. Training for IEG Project Manager | a. IEG Counterpart assigned to work with USAID Project Coordinator            |
| b. Training for participant         | b. Funds provided by IEG for international transportation for 30 participants |
| c. Transportation services          | c. Vehicle fuel and maintenance funds provided by IEG.                        |

Master Zoning Plan

- |  |               |
|--|---------------|
| a. Technical advice from IEG and USAID personnel | a. (as above) |
|--|---------------|

Commodities

- |                        |                            |
|------------------------|----------------------------|
| a. Vehicle spare parts | a. Funds provided by USAID |
|------------------------|----------------------------|

Other Costs

- |   |                                    |
|---|------------------------------------|
| a. Local travel, repairs and locally procured items | a. Funds provided by IEG and USAID |
|---|------------------------------------|

2. Basic Assumptions

It is assumed that AID and IEG budgets will be provided as planned and that there is a timely recruitment and availability of qualified advisors and participants.

E. PROJECT EXPANSION

It is anticipated that this project will be included in a comprehensive livestock development project for Ethiopia's southern rangelands to be financed by the IBRD, with partial AID support, in FY 1974. The expansion, designed as a long-term livestock improvement program, will be based on conclusions drawn from an IBRD feasibility study of a region lying between the Omo and Wabe Shebelli Rivers, south of the Agere Mariam-Kebre Mengist line, and north of the Kenya and Somalia borders.

PROJECT AUTHORIZATION

1. PROJECT NUMBER: **663-94-130-112**

2. PROJECT TITLE: **ISORANA PILOT RANGE DEVELOPMENT (Formerly Regional Livestock Development)**

3. COUNTRY: **ETHIOPIA**

4. AUTHORIZATION NUMBER: **0096-R-1**

5. AUTHORIZATION DATE: **10/12/71**

6. PROP DATED: **August 13, 1971**

7. LIFE OF PROJECT:  
 a. Number of Years of Funding: **9**  
 Starting FY 19**65**, Terminal FY 19**73**  
 b. Estimated Duration of Physical Work After Last Year of Funding (in Months): **6**

FUNDING BY FISCAL YEAR (in U.S. \$ or \$ equivalent)	DOLLARS		P.L. 480 CCC + FREIGHT	LOC/L. CURRENCY			
	GRANT	LOAN		Exchange Rate: 51 =		HOST COUNTRY	
				U.S. OWNED		JOINTLY PROGRAMMED	OTHER
Prior through Actual FY 71	1,564					1,023	
Operational FY 72	267					178	
Budget FY 73	123					10	
B + 1 FY							
B + 2 FY							
B + 3 FY							
All Subsequent FY's							
<b>TOTAL</b>	<b>1,954</b>					<b>1,211</b>	

9. DESCRIBE SPECIAL FUNDING CONDITIONS OR RECOMMENDATIONS FOR IMPLEMENTATION, AND LIST KINDS AND QUANTITIES OF ANY P.L. 480 COMMODITIES

NONE

10. CONDITIONS OF APPROVAL OF PROJECT

NONE

(Use continuation sheet if necessary)

Approved in substance for the life of the project as described in the PROP, subject to the conditions cited in Block 10 above, and the availability of funds. Detailed planning with cooperating country and drafting of implementation documents is authorized.

This authorization is contingent upon timely completion of the self-help and other conditions listed in the PROP or attached thereto.

This authorization will be reviewed at such time as the objectives, scope and nature of the project and/or the magnitudes and scheduling of any inputs or outputs deviate so significantly from the project as originally authorized as to warrant submission of a new or revised PROP.

A.I.D. APPROVAL	CLEARANCES	DATE
<i>Samuel C. Adams, Jr.</i> SIGNATURE Assistant Administrator for Africa	AFR/BAF:EDConroy	9/29/71
	AFR/DP:EHogan	
	DAA/AFR:PBirnbaum	10/12/71
	A/CONT	