

6210093-3

PPC/RS

AID 1025-1 (2-71) (FACE SHEET)
NONCAPITAL PROJECT PAPER (PROP)

PD-AAB-255-Reference Center
Room 1656 NS

PAGE 1 OF 12 PAGES

I. PROJECT TITLE: Masai Livestock and Range Management
I. PROJECT IDENTIFICATION: P.A. NO. 0010-R-1

APPENDIX ATTACHED
 YES NO
2. PROJECT NO. (M.O. 1025.2)
621-11-130-093
3. SUBMISSION
 ORIGINAL 23 Apr 69
 REV. NO. 1 537 Sep 71
CONTR./PAPA NO. 193

1. RECIPIENT (specify)
Tanzania
COUNTRY: REGIONAL INTERREGIONAL
4. LIFE OF PROJECT
REGINS FY: 70
ENOS FY: 80

II. FUNDING (3005) AND MAN MONTHS (MM) REQUIREMENTS

A. FUNDING BY FISCAL YEAR	B. TOTAL \$	C. PERSONNEL		D. PARTICIPANTS		E. COMMODITIES \$	F. OTHER COSTS \$	G. PASA/CONTR.		H. LOCAL EXCHANGE CURRENCY RATE: \$ US (U.S. OWNED)	
		(1) \$	(2) MM	(1) \$	(2) MM			(1) \$	(2) MM	(1) U.S. GRANT LOAN	(2) COOP COUNTRY
1. FROM THRU ACTUAL FY	273	195	63	25	40	40	8	195	63		
2. OPRN FY 72	280	162	52	32	51	16	70	162	52		237
3. BUDGET FY 73	222	146	47	44	69	22	10	146	47		312
4. BUDGET -1 FY 74	210	146	47	44	69	10	10	146	47		429
5. BUDGET -2 FY 75	197	146	47	31	50	10	10	146	47		504
6. BUDGET -3 FY 76	182	146	47	16	25	10	10	146	47		520
7. ALL BUDG. FY	535	423	136	41	66	36	30	428	136		570
8. GRAND TOTAL	1899	1369	439	233	370	149	148	1369	439		1560
9. OTHER DONOR CONTRIBUTIONS											4132

9. OTHER DONOR CONTRIBUTIONS
(A) NAME OF DONOR: None directly involved
(B) KIND OF GOODS SERVICES:
(C) AMOUNT:
III. ORIGINATING OFFICE CLEARANCE

1. DRAFTER: Oleen Hess
TITLE: Food and Agri. Officer
DATE: Sept. 15, 1971
2. CLEARANCE OFFICER: Charles D. Ward
TITLE: Actg. Director, USAD/T
DATE: Sept. 15, 1971
IV. PROJECT AUTHORIZATION

1. CONDITIONS OF APPROVAL
a. The original approval which requires that "The project is to be evaluated after it has been operating about two years." shall remain in force.
b. This Authorization approves (1) an additional OPEX position, Project Coordinator for the period FY 1972 through FY 1979, bringing the total to six OPEX positions, and (2) a water resources/land use reconnaissance

2. CLEARANCES

BUR OFF.	SIGNATURE	DATE	BUR OFF.	SIGNATURE	DATE
AFR/PAF	E.W. Lighthouse	10/18/71	AFR/DP	Edward P. Hodson	10/21/71
AFR/PAF	J.H. Canning	10/21/71	AA/AFR	Philip Birnbaum	10/21/71
AFR/PAF	E.D. Conroy				

3. APPROVAL AAS OR OFFICE DIRECTORS
SIGNATURE: _____ DATE: _____
TITLE: AA/AFR

4. APPROVAL AID (See M.O. 1025.1 VI C)
SIGNATURE: _____ DATE: _____
ADMINISTRATOR, AGENCY FOR INTERNATIONAL DEVELOPMENT

PROJECT NO. 621-11-130-093	SUBMISSION <input type="checkbox"/> ORIGINAL <input checked="" type="checkbox"/> REVISION <u>One</u>	(Number)	DATE	PAGE <u>2</u> of <u>2</u> PAGES
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study by two US PASA or contract personnel for approximately 90 days. Funds required for the implementation of the project with these two additions totals \$1,899,000.

c. It is probable that a further amendment will be required after the completion of the water resources/land use reconnaissance study should the team recommend that AID provide additional assistance in the form of a water development/land use survey. This may require an additional \$600,000 as indicated in the body of the PROP.

AIRGRAM

DEPARTMENT OF STATE

RS/PS

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CLASSIFICATION

A.I.D.

Reference Center

Room 1656 NS
INFO

For each address check one ACTION

DATE REC'D.
DATE SENT

September 15, 1971

TO - AID/W TOAID A-99

DISTRIBUTION

ACTION

OK
INFO.

OK

Prop

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EVAL

FROM - DAR ES SALAAM

SUBJECT - Amended PROP for the Masai Livestock and Range Management Project 621-11-130-093

REFERENCE(A) STATE 126188; (B) M.O. 1025.1; (C) TOAID A-188

The modifications to the original Masai Livestock and Range Management PROP necessary to incorporate the Arusha Region Water Development and Land Use Survey sub-activity are identified in the attached PROP amendment according to page, section and paragraph alteration of the original PROP. Also included are the necessary alterations for the approved sixth position of project coordinator for the Masai Livestock and Range Management Project.

The PROP amendment was typed on airgram forms since we have neither a multilith masters nor new PROP forms. Future PROP or PROP amendments will be prepared in accordance with new instructions when the forms and masters are available.

Attachment: a/s

CW
for ROSS

OTHER AGENCY

State

INT

Ag

CLA

PAGE	PAGES
1	OF 1

DRAFTED BY

OFFICE

PHONE NO.

DATE

APPROVED BY:

F&A:OHess:n

OH

Food & Agr.

9/10/71

AgDIR:CDWard

CDWard

AID AND OTHER CLEARANCES

PRM:FMachmer

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UNCLASSIFIED
CLASSIFICATION

NON-CAPITAL PROJECT PAPER (PROP)

1. STANDARD IDENTIFYING INFORMATION

Country: Tansania

Submission Date: Original - August 22, 1969
Amendment - August 24, 1971

Project Title: Masai Livestock and Range Management

Project Number: 621-11-130-093

U.S. Obligation Span: FY 1970 through FY 1980

Gross Life of Project Financial Requirements:

U.S. Dollars.....	2,507,700
U.S. Owned Local Currency.....	-
Sub-Total.....	2,507,700
Cooperating Country's Cash Contribution.....	4,212,000
Other Donor.....	None

Page 2 - Under II - SUMMARY STATEMENT, add to paragraph two.

It will also assist with a sub-activity consisting of a comprehensive water resources and land use capability survey and preparation of a 20-year water resources development plan for the Arusha Region, of which about 75 percent is Masailand.

Page 2 - Under II - SUMMARY STATEMENT, substitute for paragraph three.

The project will provide the services of USAID's Food and Agriculture staff plus six OPEX technicians in planning, administration and management of the project. It will also provide PASA technicians for the sub-activity to conduct the water resources and land use survey. Two PASA technicians will be provided for about 90 days to conduct the Phase I survey to develop a detailed scope of work for a comprehensive survey and long range implementation/development plan for water and land use resources to be conducted during Phase II. Four to six technicians will be provided for four years for Phase II.

Page 3 - Under II - SUMMARY STATEMENT: B. Project Goals, add to paragraph one.

Proper water development and land use planning also requires a master water resource and land use survey and a long range development/implementation plan.

Page 6 - Under II - SUMMARY STATEMENT: C. General Approach, add to last paragraph.

(4) Local support costs. Also delete "for FY 1970".

Page 6 - Under II - SUMMARY STATEMENT: D. Summary of AID Inputs
1. Technical Assistance

Change from "five technicians will be required" to six OPEX technicians and six ~~xxxxx~~ PASA technicians will be required.

Page 8 - Under II - SUMMARY STATEMENT: D. Summary of AID Inputs
1. Technical Assistance

Add one new OPEX position - f. Project Coordinator - He will be responsible for the USAID team leader/overall project coordinator role:

- (1) Advising and assisting the Masai Range Commission and other Ministry personnel with planning, supervising and providing direction to the project. Major emphasis will be given to the ranching associations and secondary emphasis to the balance of Masailand.

- (2) Coordinating the project's activities. He will continually evaluate project activities and progress in terms of project objectives and as necessary formulate guidelines for modifications required to achieve the objectives. He will continually discuss and review with the technical staff the overall project goals and the most effective means of fitting or meshing the individual technician's disciplines and activities into a well coordinated total development program.
 - (3) Developing and maintaining rapport, communications and working relationship between the USAID team and the Tanzania Government officials.
 - (4) Assisting the Ministry with, and where necessary provide, direct administrative support services to the project personnel.
- g. Two water resources and land use capability specialists (sub activity) for a 90 day Phase I study to prepare a detailed scope of work for a comprehensive water resources and land use capability survey to be carried out during Phase II.
- h. Four water resources and land use capability specialists for four years to carry out the Phase II comprehensive water resources and land use capability survey and prepare a land use capability and time phased master water development/implementation plan for the Arusha Region.

The number and type of men and definitive job descriptions and duties for the Phase II specialists will be determined and prepared, during the Phase I study.

Page 9 - Under II - SUMMARY STATEMENT:, D. Summary of AID Inputs
2. Commodities

Line 1 and 2 of first paragraph change "three four-wheel drive vehicles" to six four wheel drive vehicles and five OPEX technicians to six OPEX technicians.

Page 10 - Under II - SUMMARY STATEMENT:, D. Summary of AID Inputs
following

Substitute the table on/page (No. 4) for the table on Page 10 of the original PROP.

6	FISCAL YEAR	1970	1971	1972	1973	1974	1975 thru 1979	Total
4	1. <u>Personnel</u> A.- Livestock and Range Management Team (6 OPEX)	75	120	132	146	146	720	1,339
-	B.- Water resources land use surveys (sub activity team - 2 & 4 PASA)			30	152	152	304	638
UNCLASSIFIED	2. <u>Commodities</u> Demonstration and training vehicles							
	A.- (Project)	35	10	16	22	10	56	149
	B.- (Sub-activity)				64			64
	3. <u>Participant Training</u>	14	11.4	31.4	44.1	44.1	88	232.7
TOAID A - 98	4. <u>Other Costs</u>	6	2	70	10	10	50	148
	TOTAL	130	143.4	279.1	438.1	362.1	1,218	2,270.7

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Page 11 - Under II - SUMMARY STATEMENT: E. Summary of Host Country Inputs

Substitute for items 1 through 7.

1.	Salary for the Masai district Range Development Office and veterinary staff members for 10 years.	\$ 320,000
2.	6 vehicles for each 5-year period amortised initial cost and operation/maintenance for 10 years, plus POL and maintenance on AID provided vehicles.	150,000
3.	Basic salary and allowance for 6 OPEX technicians for 10 years.	452,000
4.	Support and allowances for 4 PASA technicians for four years (sub-activity)	80,000
5.	Capital Development costs in project areas.	2,750,000
6.	Provision of credit for associations operational and capital cost first five years.	400,000
7.	Participants' salary and allowance while in training (10 for 2½ years each).	60,000
		<u>\$ 4,212,000</u>

Page 23 - Under V - PROJECT ACTIVITIES

After Section G. Animal Improvement add two new sections H & I.

H. Water Development (sub-activity)

1. Target

The sub-activity will prepare a long-range Master Water Plan for the development of the water resources of the Arusha Region (Masai-land) with particular reference to the supply of water to Ranching Associations and Ujamaa villages for both human and stock use. The study will cover the entire Arusha Region, approximately 75% of whose area is made up of the Masai District.

2. Course of Action

The study will consist of (1) examining all existing mapping and aerial photographs; (2) collecting and examining all existing hydrological, ecological and geological data, information and records; (3) studying the existing population of the area, its distribution, rate of growth and resources in cattle; (4) surveying and assessing all existing water supply installations in the area in relation to their most effective incorporation in the overall

Country: TANZANIA

PROJECT DATA

TABLE III

PROJECT TITLE Masai Livestock and Range Management	SECTION Agriculture and Rural Development	FUND TC
PROJECT NUMBER 621-11-130-093	PRIOR REFERENCE P. 143 FY 71 AFR P.D.B.	INITIAL OBLIGATION FY: 1970
		SCHEDULED FINAL OBLIGATION FY: 1979

Project Target and Course of Action: To assist the Ministry of Agriculture & Co-operatives plan and develop improved livestock and range management practices and marketing arrangements in selected areas of Masailand in north central Tanzania. Livestock resources have a high priority in Tanzania's second five year plan. The U.S. technicians will work with the Ministry of Agriculture and Co-operatives and the Masai Range Commission on Plans to (i) develop a range management program for the Masai livestock ranching associations as they are formed, (ii) improve water and range resources, (iii) control livestock parasites and diseases, (iv) increase animal production, and (v) create market incentives.

A.I.D. plans to provide up to ten U.S. technicians in the fields of animal production, range planning, water development, veterinary science and marketing, as well as a sociologist, to assist the Government in developing methods of changing Masai tribal customs and moving the people into the country's economy. Tanzania Government contributions are estimated at \$3,883,000 over the ten year life of this project.

Three of the initial four ranching associations have been registered. The fourth is completing its registration process. Two other areas, after observing the activities of one of the original associations, have begun on their own to complete the registration process. In the initial four associations, improvements have affected 1,650 families over a 1,935 square mile area, involving

95,000 animals. Of the 23 tick dips planned, 17 are completed in operation. Water development programs in the four association areas vary from 50 to 80 per cent complete. Cattle-borne diseases show a significant decline since the establishment of tick dips and watering facilities. There has been some initial marketing of animals undertaken by the Masai. Continued emphasis will be placed on strengthening the associations, addition and improvement of facilities, lowering cattle mortality in the association area, and increased concentration on the marketing aspects of livestock development. Additional areas will be considered for association registration as they meet necessary prerequisites.

The project will be expanded in FY 1972 by the addition of coordinated water development activities to the range development planning. After a survey to identify the specific needs for personnel and equipment in this activity, water resources specialists will be provided to assist in developing both ground and surface water resources in the range area.

FY 1972 Program: FY 1972 funds are proposed to fund five technicians already on board, two additional full-time water resources specialists and two short term water resources specialists (\$270,000); provide for one continuing and three new participants in animal husbandry and animal production (\$31,000); demonstration, training and water development commodities and equipment (\$40,000); and other miscellaneous support costs (\$10,000).

U.S. DOLLAR COST (In Thousands)							PRINCIPAL CONTRACTORS/AGENCIES			
	Obligations	Expenditures	Unliquidated	Cost Components	OBLIGATIONS					
					Estimated FY 1971			Proposed FY 1972		
					Direct AID	Contract/Excess Agency	Total	Direct AID	Contract/Excess Agency	Total
Through 6/30/70	170	5	165							
Estimated FY 71	86	136		U.S. Technicians	-	60	60	-	270	270
Estimated through 6/30/71	256	141	115	Participants	14	-	14	31	-	31
		Future Year Obligations	Estimated Total Cost	Commodities	7	-	7	40	-	40
				Other Costs	5	-	5	10	-	10
Proposed FY 72	351	1,756	2,363	Total Obligations	26	60	86	81	270	351

Near East Foundation

LOGISTICAL FRAMEWORK MATRIX

Masai Livestock and Range Management
Project 621-11-130-093

<u>SUMMARY</u>	<u>OBJECTIVELY VARIIFIABLE INDICATORS</u>	<u>IMPORTANT ASSUMPTIONS</u>
A.1 GOAL Through formation of ranching associations among the Masai, to increase the annual market take-off from 3% to 12% annually from Masai herds.	A.2 MEASUREMENT OF GOAL ACHIEVEMENT (1) Livestock sales increases over pre-project years. (2) Adoption of improved animal husbandry techniques- grazing, breeding, disease control, etc. by tribes and associations.	A.3 (AS RELATED TO GOAL) (1) TanGov will support the government and quasi-government institutional structure needed for the development of Masailand for the Masai. (2) A market for additional livestock of better quality exists, or will exist within Tanzania** (3) The Masai will change their nomadic way of life when shown advantages of more limited areas developed for the group's particular benefit. (4) The Masai will sell cattle on a regular basis, limit the number of stock grazed on the association area, and improve their cattle by selective breeding.
B.1 PURPOSE Development of ranching association areas to support better grade cattle capable of earlier maturity, larger calf crops and increased individual weight, through improved husbandry, nutrition and range improvement.	B.2 END OF PROJECT STATUS (1) Minimum of four ranching associations registered and in operation. (2) Additional associations in process of formation. (3) Range/water plans in operation in at least four association areas. (4) Annual livestock offtake increased to 10%-12% of livestock population on association areas. (5) Trained cadre of TanGov officials	B.3 (AS RELATED TO PURPOSE) That the Masai will form associations from clan or family groups. That the Masai will limit the number of livestock owned by individuals or families in order to achieve better grade cattle and effective range management practices. That the Masai will accept money or the items it will buy in lieu of the more visible animals as a symbol of wealth.
C.1 OUTPUTS (1) Occupancy rights obtained for Masai to enable them develop tribal areas (2) Development of grazing and range improvement plans and utilization (3) Development of surface and ground water resources (4) Improved animal husbandry practices available and accepted (5) Development of livestock marketing system	C.2 OUTPUT INDICATORS (1) Number of ranching associations registered or in formation which have obtained occupancy rights (2) Number of ranch areas under grazing/water discipline in accordance with range plans (3) Number of ranch areas which have adopted improved animal husbandry practices (4) Acceptance of livestock marketing methods and procedures by Masai	C.3 (AS RELATED TO OUTPUTS) TanGov will grant occupancy rights and prevent invasion by other groups (both Masai and non-Masai farmers) on association lands. That credit, technology, training, and equipment are or will be made available.

** at prices which will encourage production.

(Continued)

D.1 INPUTS

(1) Contract services- six US technicians
Animal prod. & health--Agronomy & range mgt.
Livestock marketing--Extension- Rural socio-
logist-- Project coordinator.
Contract or PASA services- Two to four U.S.
water/land use technicians.
Commodities: Vehicles for technicians and
water development equipment.

D.2 BUDGET SCHEDULE

See Page 1 of Project Authorization

D.3 (AS RELATED TO INPUTS)

That the US will provide competent staff for
guidance to Masai and TanGov officials.
That TanGov will provide trainable or competent
government officials for development of this project..
That TanGov (MinAg) will provide agreed inputs,
administrative, financial and in kind, for the project.