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AGENCY FOR
INTERNATIONAL
DEVELOPMENT

ANNUAL BUDGET SUBMISSION

FY 1978

EAST AFRICA REGIONAL PROGRAM

BEST AVAILABLE

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TO - AID/W TOAID A-06
USAID DAR ES SALAAM A-01
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DATE SENT
24 June 1976

FROM - RDOEA/ARUSHA

SUBJECT - ANNUAL BUDGET SUBMISSION FOR FISCAL YEAR 1978

REFERENCE - AIDTO CIRCULAR A-201

The following is the Regional Development Office for East Africa's (RDOEA) Annual Budget Submission for FY 1978.

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AID AND OTHER CLEARANCES

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AID-5-99 (11-69)

Country/Program East Africa Regional Attachment I

Summary Table I

Funding Levels for FY 1976, IQ, FY 1977, FY 1978

	FY 76	IQ	FY 77	FY 78
Food/Nutrition Grant	948	165	945	683
Population/Health	None			
Education	77	--	103	-
Section 106	None			
Sub-Total Grants	1,025	165	1,048	683
Supporting Assistance	None			
Total	1,025	165	1,048	683
PL 480	None			

Attachment 2

ABS/CP Summary	1. Transaction Code /A/ A-Add C-Change D-Delete	2. Document Code 6	3. Country/Entity East Africa Regional

4. Document Revision No.	5. Operational Year FY 77	6. Budget A. Symbol AFR B. Code 1	7. Geographic Code 618

8. Type Data /1/ 1=ABS 2=ABS Revision 3=CP 4=CP Notification	A.	9. Type Assistance /1/ 1=Project Assistance 2=Program Assistance

10. Project No.	11. Project Title	12. Qtr. for Oblig.	13. Est. FY Auth/ Oblig. Final	14. Appropriation	15. Prim. Purpose Code	16. S/G	17. Ay	IQ	CY	BY	LOP
On-going Projects											
618-11-110-657	E.A. Food Crop Research	1/1	81	FN	141	GC	680	100	720	683	4,788
618-11-995-649.2	E.A. Freshwater Fisheries Research	1/1	77	FN	141	GC	268	65	225	-	912
618-11-995-649	E.A. Community Support (Scholarships)	1/1	77	EH	660	GC	77	-	103	-	538
New Projects											
None											

18. Date Document Received in AID/W	MM	DD	YY

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Narrative Statement for Ongoing Grants

PROJECT TITLE: East African Food Crop Research

PROJECT NO. 618-11-110-657

LIFE OF PROJECT: July 1972 - September 1980

Original project paper approved for implementation on July 1, 1972.

Revised project approved October 1975.

PROPOSED LIFE OF REVISED PROJECT: July 1975 - September 1980

This project is behind schedule by approximately six months due primarily to the time required to obtain AID/W approval for the revised project paper (April to October, 1975) and recruitment problems with the USDA. There has been no change in the level or composition of funding however.

In 1973 this project was severely handicapped by the U.S. withdrawal of assistance to Uganda. The major project activity was at that time sorghum and millet research centered at Serere, Uganda. It became evident in late FY 74 that this research effort could not be continued and a complete revision of the Food Crop Research Project would be required. The priority areas of mutual concern in food crop research between AID and the East African Community were then redefined and a team of seven leading U.S. research scientists were recruited as consultants to evaluate the proposed project revision. This one month evaluation took place in January, 1975. The revised project paper was then written and submitted to AID/W in April, 1975.

Significant progress has been made in the highly successful maize breeding methodology study. This project has already had a major impact on maize breeding and production in East Africa, producing the male parent of 76 percent of the improved hybrid seed sold in Kenya and both parental lines of the commercial highland seed sold in Tanzania. To complete the evaluation phase of the 17 trial cycles, an additional year of technical assistance is required. This additional assistance has been incorporated into the revised project.

An additional two years of technical assistance is also required before AID support for the East African Plant Quarantine Station can be withdrawn. This additional time is needed to complete the training of the East African who will assume the responsibility of Station Director upon the departure of the U.S. scientist now in that role. This additional assistance has been programmed in the revised project.

The Revised Project:

The 1973 withdrawal of U.S. assistance from Uganda necessitated a revision of the original project. The development of the revised project, which involved redefining areas of mutual concern between AID and the East African Community, evaluation of the proposed project in FY 74 by a team of consultants and preparation of project documentation, was completed in FY 75.

The revised project supports selected regional research efforts in food crops and cropping systems that are critical to increasing food production and quality throughout East Africa. The revised project is composed of six subprojects and a training element. A major target area of the project, increasing the production and improving the quality of maize grown throughout the region, encompasses three closely related subprojects: i.e., the continuation, as described above, of maize breeding methodology research; breeding for disease resistance in maize; and establishment of a functioning protein quality laboratory. These three subprojects constitute a research program on maize, the major food crop of East Africa.

A second priority area is the development of cropping systems for marginal rainfall areas. This project is designed to develop, within the East African Community, the capability to serve as an active disseminator of meteorological, soil and crop information and of recommendations for field application of research findings in areas of marginal rainfall to national planners, researchers, and extension and soil conservation services. By 1980 the Community will serve as the computational and output center for annual cropping system recommendations for marginal rainfall areas.

The remaining subprojects in the revised project are: the continued assistance for the Plant Quarantine Station described above; and assistance to sugar cane research. The inclusion of sugar cane research in this project is an attempt to assist the East African Community meet one of the urgent needs of the Partner States. Self-sufficiency in sugar cane production is of critical economic importance to Tanzania and Kenya and a priority development goal for both countries.

Project Title: East African Freshwater Fisheries Research

Project No.: 618-11-995-649.2

Life of Project: May 1973 - June 1978

Original Project Paper approved FY 1972.

Revised Project Paper approved July 1975.

This project deviated from the original schedule with a nine month delay (September 1975 to June 1976) due to a change in contractors from Transcentury Corporation to the Near East Foundation. This delay involved a new basic ordering agreement to be negotiated and recruitment of an entire new group of U.S. OPEX technicians. The ongoing research was interrupted for this period of time necessitating the original four year project to be extended to five years and divided into a phase one and two for research purposes.

Progress to date in this project was considered only fair. Originally this project was planned for Jinja, Uganda. With the withdrawal of all U.S. support for Uganda in FY 73, the East African Freshwater Fisheries Research Organization (EAFFRO) established two new substations in Kisumu, Kenya, and Mwanza, Tanzania to accommodate the U.S. technicians. These new substations were established in temporary quarters with minimal supplies and equipment. EAFFRO embarked on a 2 million dollar building program, funded by EAC, to furnish housing, offices and laboratories at the new substations. Construction was completed and new quarters occupied at Kisumu in September 1975 while construction is nearly completed (June 1976) at Mwanza. AID commodities for the laboratories have arrived and are in operation. The arrival of four new OPEX technicians (June 1976) for phase two of research in this project should improve upon past performance considerably.

This project was revised as a result of the AID evaluation consultants' report conducted in December 1974. Of prime importance is a change in EAFFRO's research philosophy from what was defined as a "classical approach to freshwater fisheries research" to a more socially concerned focus upon the human and ecological problems involved in the development of the Lake Victoria's resources. The AID-funded evaluation carried out in FY 75, recommended a shift in emphasis of EAFFRO's research effort. This recommendation was accepted by EAFFRO and RDCEA and lead to a proposed revision of the ongoing AID-supported project. The revised project paper was submitted for AID/W approval in May 1975 and was approved in July 1975.

The Revised Project:

The major, immediate problem in managing and developing the Lake Victoria fishing industry is the need to protect the livelihood of the 80 thousand people dependent upon the traditional inshore fishery while expanding, through the introduction of modern fishing techniques, the harvest of fish from the deeper section of the lake. The revised project will focus on the inter-relationships between the off-shore and inshore fisheries and the effects exploitation of the deep water fish stocks will have upon the traditional fishery. In addition, research will be conducted to find ways of protecting the traditional fishermen while easing their transition from traditional to modern fishing techniques.

The revised project will assist EAFFRO design and implement the initial stages of research aimed at solving the problems described above. Specifically, the project will:

1. evaluate and make recommendations for protecting and extending the range of traditional fishermen,

2. measure the effect of the expanding mechanized fishery on the traditional fisherman by: a) expanding the fish tagging program to distinguish subpopulations from the inshore and offshore areas, b) assessing the catch per unit of effort, c) determining species composition of catch, d) determining areas to be fished, e) assessing trawling costs and earnings, and f) assessing market impact,

3. recommend specific regulations to guide the Partner States in the transitional period from a traditional fishery to a mechanized fishery,

4. train EAFFRO staff to continue fisheries research after the departure of U.S. technicians.

Project Title: East African Community Support (Scholarships)

Project No: 618-11-995-649

Life of Project: FY 72 to FY 78

This project is in the process of being phased out. The FY 77 funding will complete the funding of local scholarships to East African Universities. Originally the project would have continued until 1980. However, in keeping with the congressional mandate, the end of the project is now planned for when those students presently enrolled will complete their studies - FY 78.

Resulting from this EAC/AID Joint Scholarship Program there are presently 35 university graduates working in the East African Community. Of this number 25 graduated with honors. A total of 79 students are presently enrolled in the program. Twenty-five (25) of these students graduate in FY 76 while 36 additional students are slated to graduate in FY 77 and the final group of 18 students are expected to graduate in FY 78. At the completion of this project it is expected that a total of 114 graduates from East African Universities will be employed by the East African Community to help alleviate the shortage of trained manpower.

Country/Program East Africa Regional

Attachment 3, Page 1

FORMAT FOR FISCAL DATA
ONGOING GRANT PROJECTS FOR THE ANNUAL BUDGET SUBMISSION

PROJECT NAME E.A. Food Crop Research

INITIAL OBLIGATION (FY) 1972

DATE PROP/REV. 10/23/75

PROJECT NUMBER 618-11-110-657

FINAL OBLIGATION (FY) 1981

DATE LAST PAR 4/76

APPROPRIATION 72-11X1023

TOTAL COST 4,788,000.00

DATE NEXT PAR 3/77

U.S. DOLLAR COST (IN THOUSANDS)

	FY Obligations	FY Expenditures	Unliquidated as of: 6/30/76
Actual FY 1976	680	301	466
Estimated Interim Qtr	100	308	9/30/76 258
Estimated FY 1977	720	810	9/30/77 168
Proposed FY 1978	683	810	9/30/78 31

FY 1977 and FY 1978
Obligations by Cost Component/MOI

Cost Component	Direct Aid 77	Direct Aid 78	Contract 77	Contract 78	PASA 77	PASA 78	TOTAL 77	TOTAL 78
U.S. Tech.					555	503	555	503
Local & Tech			5	5			5	5
Participants	50	65					50	65
Commodities	40	40					40	40
Other Costs	70	70					70	70
Total	160	175	5	5	555	503	720	683

PASA Funding Periods

Name of Contractor	FY 1976 Obligations FROM mo/yr	FY 1976 Obligations TO mo/yr	Int. Qtr. Obligations FROM mo/yr	Int. Qtr. Obligations TO mo/yr	FY 1977 Obligations FROM mo/yr	FY 1977 Obligations TO mo/yr	FY 1978 Obligations FROM mo/yr	FY 1978 Obligations TO mo/yr
USDA PASA	7/75	6/76	7/76	9/76	10/76	9/77	10/77	9/78
Period								
Amount	166,333		100,000		555,000		503,000	

On Board Personnel (No.)

	6/30 1976	9/30 1976	9/30 1977	9/30 1978
Direct Hire	0			
PASA	2	6	11	11
Contract	0	1	1	1
Participants				
Short Term	1	0	1	2
Long Term	3	5	6	8

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Country/Program East Africa Regional

Attachment 3, Page 3

FORMAT FOR FISCAL DATA
ONGOING GRANT PROJECTS FOR THE ANNUAL BUDGET SUBMISSION

PROJECT NAME E. A. Community Support (Scholarships)

INITIAL OBLIGATION (FY) 1971

DATE PROP/REV. 3/76

PROJECT NUMBER 618-11-995-649

FINAL OBLIGATION (FY) 1977

DATE LAST PAR 4/76

APPROPRIATION 72-11X1025

TOTAL COST $538,000.00

DATE NEXT PAR 5/77

U.S. DOLLAR COST (IN THOUSANDS)

	FY Obligations	FY Expenditures	Unliquidated as of: 6/30/76
Actual FY 1976	77	223	32
Estimated Interim Qtr.	-	-	9/30/76 32
Estimated FY 1977	103	92	9/30/77 42
Proposed FY 1978	-	34	9/30/78 9

FY 1977 and FY 1978 Obligations by Cost Component/MQI

Cost Component	Direct Aid 77	Direct Aid 78	Contract 77	Contract 78=	PASA 77	PASA 78	TOTAL 77	TOTAL 78
U.S. Tech.								
Local & Tech								
Participants								
Commodities								
Other Costs	103	-					103	-
								-
Total	103	-					103	

Contract/PASA Funding Periods

Name of Contractor	FY 1976 Obligations	Int. Qtr. Obligations	FY 1977 Obligations	FY 1978 Obligations
N.A.				
Period				
Amount				

On Board Personnel (No.)

	6/30 1976	9/30 1976	9/30 1977	9/30 1978
Direct Hire				
PASA				
Contract				
Participants	79	54	18	-

Long Range Projections

The following long range projections are based upon the assumption that the reorganization of the East African Community resulting from the EAC Treaty Review Commission Report is favorable for further and increased support from AID. Further AID assistance to the EAC is projected to concentrate on agriculture and medical research plus limited support to education through assistance to the EAC Management Training Institute.

Agriculture Research

RDOEA has an ongoing project in Food Crop Research for East Africa that, in its present form, is scheduled to be completed in FY 80. Considering the importance of Food Crop Research in the development of food self-sufficiency, in the light of the present rate population growth in East Africa, research in the most essential areas of food production should be continued beyond FY 80. Just what form and the magnitude of assistance required is difficult to determine beyond the present project.

It can be proposed, however, that the sub project "Cropping Systems for Marginal Rainfall Areas" should be continued beyond FY 80. Expanding population in East Africa is forcing the poorest majority of the rural population into the marginal production areas of East Africa. Presently there is practically no research available to guide rural development in these areas. This project will take the lead in this type of research but the in-depth research required will hardly be started by 1980.

Medical Research

The East African Community has two medical research institutions: The Institute for Malaria and Vector-Born Diseases, Tanga, Tanzania, and The Institute for Medical Research (primarily Bilharzia research), Mwanza, Tanzania. Both of these institutions are conducting vital research for the two most severe diseases in East Africa. Presently they are under staffed with research scientists and are sadly lacking in laboratory equipment for conducting research.

It is proposed that beginning in FY 78 a team of consultants be sent to East Africa to determine the feasibility of AID assistance to medical research in East Africa. This then would be followed by an AID project to assist one or both of the research institutes beginning in FY 79.

EAC Management Training Institute

This institute is responsible for the training of the middle management levels of personnel who make up the operating infrastructure of the East African Community. The institute trains personnel for the research

institutions, the Common Market Secretariate, the Finance and Administration Secretariate and the EAC Headquarters. It is proposed that AID look into the possibilities of assisting the EAC in strengthening the infrastructure through assistance to the Management Training Institute.

Attachment 4

LONG RANGE PROGRAM PLAN
(whole $ millions)

	1978	1979	1980	1981	1982
Food/Nutrition Grants	0.8	0.7	0.7	0.7	0.5
Health Grants	-	0.5	0.8	0.8	0.8
Education Grants	-	0.4	0.4	0.4	0.4
Section 106		- NONE -			
TOTAL GRANTS	0.8	1.6	1.9	1.9	1.7
PL 480		- NONE -			
HIGs		- NONE -			

Attachment 5

Mission Evaluation Plan for FY 77 AND FY 78

Project Title & Number	Date of last Evaluation	Date of Submission FY 77	Date of Submission FY 78	Period Covered	Remarks
Grants					
East African Food Crop Research 618-11-110-657	4/76	4/77	4/78	12 Months	See Below
East African Freshwater Fisheries Research 618-11-995-649.2	5/76	5/77	5/78	12 Months	See Below
East African Community Support (Scholarships) 618-11-995-649	4/76	5/77	5/78	12 Months	

Loans - None

Other

Special evaluations are planned for the Maize Breeding Methodology subproject of the E. A. Food Crop Research Project and the E. A. Freshwater Fisheries Research Project during FY 1977. Funds for these evaluations are contained in the budget projections for FY 1977.

Note: AID/W (TA/AGR) will be requested to furnish a fisheries specialist from its staff to conduct an evaluation of the Freshwater Fisheries Research Project during the third quarter of FY 1977.