

AGENCY FOR INTERNATIONAL DEVELOPMENT
PROJECT AUTHORIZATION AND REQUEST
FOR ALLOCATION OF FUNDS PART I

1. TRANSACTION CODE **9311149-00-902** PAF
 A ADD
 B CHANGE
 C DELETE
 2. DOCUMENT CODE **5**

PROJECT ENTITY
 DS/AGR/APD RDA-5 **9311149-03**
PD-HM6-235-EI

4. DOCUMENT REVISION NUMBER **1**

931-1149

DSB 10

Livestock Production Capability

APPROVAL
 DECISION A APPROVED
 B DISAPPROVED
 C REVISIONS

3. EST. PERIOD OF IMPLEMENTATION
 YRS 0 1
 QTRS 4

A. AGENCY ORIGIN	B. ORIGINATOR PURPOSE CODE	C. FUNDING TYPE CODE		D. 1ST FY 79		E. 2ND FY 80		F. 3RD FY	
		G. GRANT	H. LOAN	I. GRANT	J. LOAN	K. GRANT	L. LOAN	M. GRANT	N. LOAN
ARDN	119	078		455		300			
TOTALS				455		300			

A. AGENCY ORIGIN	B. 1ST FY		C. 2ND FY		D. LIFE OF PROJECT		E. PROJECT FUNDING AUTHORIZED THRU
	G. GRANT	H. LOAN	I. GRANT	J. LOAN	K. GRANT	L. LOAN	
ARDN					755		81
TOTALS					755		81

11. FUNDING...
 12. ACTION REFERENCE...
 13. ACTION REFERENCED TO...
 14. DATE...
 003 301 LOCAL OTHER

The \$300,000 approved in this PAF amendment provides the funding to cover the services of the USDA livestock scientists, experts, and specialists from October 1, 1980 through September 30, 1981. The objective of the project and the scope of work are described on the attachments to this PAF.

DS/PO OFFICIAL FILE

15. ACTION REFERENCE...
 16. ACTION REFERENCED TO...
 070754

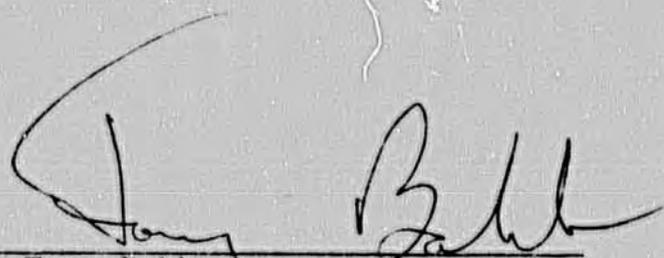
PROJECT AUTHORIZATION AND REQUEST FOR ALLOTMENT OF FUNDS

PART II

ENTITY : Bureau for Development Support
PROJECT: Livestock Production Capability
NUMBER : 931-1149

I hereby authorize grant funds not to exceed \$300,000 for a 12-month agreement with the United States Department of Agriculture (USDA) starting October 1, 1980 and ending September 30, 1981.

This agreement will provide professionally qualified personnel to advise and assist the DSB/AGR/APD, the Regional Bureaus, the Missions and the IDC's on the problems relating to project development and evaluation as defined in the scope of work attached to the Action Memorandum.



Tony Babb
Deputy Assistant Administrator
for Development Support

Date: 7.7.80

Clearances:

DS/AGR/APD, JW Oxley	<u>JW Oxley</u>	Date	<u>6-17-80</u>
DS/AGR, RSolem	<u>RSolem</u>	Date	<u>6-20-80</u>
DS/AGR, SEngberg	<u>SEngberg</u>	Date	<u>6-11-80</u>
DS/PO, ASilver	<u>ASilver</u>	Date	<u>6-20-80</u>
DS/MGT, EBatten	<u>EBatten</u>	Date	<u>6-24-80</u>

JUN 18 1980

ACTION MEMORANDUM FOR THE DEPUTY ASSISTANT ADMINISTRATOR FOR
FOOD AND NUTRITION

FROM : DS/AGR, Ray Sold *RS*

SUBJECT: Continuation of Project 931-1149, Livestock
Production Capability

PROBLEM: Your approval is requested for \$300,000 in FY 80 to extend project 931-1149, Livestock Production Capability to September 30, 1981.

DISCUSSION: The present project is scheduled for termination on September 30, 1980. However, it appears extremely advantageous to continue activities funded by this project for purposes of continuity and/or completion of several programs. These programs have been operating under RSSA procedures as both short and extended term activities. They have contributed identifiable end products, as well as valuable back-up support to other DS/AGR/AP projects.

To date, this project has covered the activities of an Animal Nutritionist on a RSSA; partial assistance to an International Goat Seminar; a State of the Arts document on Hair Sheep Production Systems; work in progress on an African Swine Fever report; a summary and publication on harness efficiency for Water Buffaloes; the distribution and reprinting of numerous DSB publications; and the sponsorship of seminars and presentations on the Tsetse Fly, Control of Vertebrate Pests, and research on Hemoprotozoal Diseases. The Animal Nutritionist has been utilized to review newly solicited and unsolicited project proposals, to prepare supporting documents for active projects (PES's, etc.) to assume duties for the Livestock Division Chief when he has been traveling, and to assist with backstopping of livestock projects. Additional consultants have been obtained to supplement programs on a short-term basis. The activities supported by this project have been varied, but are considered vital to the continued progress of livestock programs for the LDCs.

In the next fiscal year this project will help to sponsor professional seminars, international conferences, projects by short-term consultants, technical assistance to new LDC mission programs, and the dissemination of scientific and production information.

If the project is allowed to terminate on September 30, 1980, it will be necessary to identify other sources of funds in order to just maintain the present level of productivity in livestock development programs. A more beneficial conclusion would include both an extension of time and an increase in the present operating budget for the extended period.

RECOMMENDATION: That you approve this request for \$300,000 to extend the life of project 931-1149, Livestock Production Capability, by one additional year by signing the attached PAF.

Attachments:

- 1. PAF (Parts I & II)
- 2. Scope of Work

Clearances:

DS/AGR/AP, JWoxley	JWO /s/	Date	6/17/80
DS/AGR/AP, JYoh	JY /s/	Date	6/18/80
DS/AGR/AP, PGage	PG/s/	Date	6/18/80
DS/AGR, SEngberg	<i>[Signature]</i>	Date	6/18/80
DS/PO, ASilver	<i>[Signature]</i>	Date	6/20/80
DS/PO, BChapnick	<i>[Signature]</i>	Date	6/20/80

REIMBURSABLE SERVICES SUPPORT AGREEMENT (RSSA)

U.S. Department of Agriculture (USDA)

Agency for International Development (AID)

Livestock Production Capability

Scope of Work

A. Objectives of Agreement

This RSSA will enable AID to draw upon the pool of USDA resources for assistance in livestock and poultry specialty areas where very little direct-hire capability exists. USDA carries out broad programs and animal health and related functions on a continuing basis and maintains an extensive staff of professionals skilled in all aspects of livestock health, feeding and nutrition, breeding and selection, techniques, range and pasture forage production and management, livestock and product marketing, etc. Through this RSSA, AID will be able to tap USDA experts within the resources available on an as-needed basis.

B. Description

The services of the USDA intramural and extramural livestock and poultry experts and scientists will strengthen, supplement and add to the existing technical skills of the professional staff in the Agriculture Production Division, Office of Agriculture, Bureau for Development Support, A.I.D. These services are urgently needed to adequately support the livestock sector programs planned and implemented in the LDC's by the Missions, Regional Bureaus and the DS/AGR/Livestock Division.

C. Scope of Work

Various tasks to be undertaken by personnel provided under this agreement include the following:

1. Provide professional expertise to AID in formulating appropriate broad policies and programs relating to problems in the livestock and poultry production areas in the LDC's and vertebrate pest control.
2. Design specific projects for implementation by the Livestock Division of DS/AGR, arrange for project budget development and review, technical staff management, and monitoring functions as may be appropriate.
3. Give professional and technical advice and assistance to other Bureaus and Offices within AID, Missions and host countries on matters concerning livestock and poultry production areas and vertebrate pest control.

4. Participate, when called upon by other entities within AID, in reviews and evaluations of proposed or ongoing projects in livestock and poultry production and vertebrate pest control and give advice on technical sufficiency and appropriateness of project design.
5. Provide the services of intramural and extramural experts on short term basis.
6. Represent A.I.D., at appropriate levels, in meetings and discussions of livestock and poultry matters with officials of other agencies.
7. Organize seminars and training programs in LDC's and United States to meet program needs in developing countries.
8. Provide specific analytical and/or field testing services in the United States as related to problem based technical assistance provided to field missions.
9. Prepare publications on selected aspects of livestock production and health and vertebrate pest control.

D. Expertise Required

The USDA will provide the following specialists, experts and scientists:

1. Livestock Health Specialist (GS-15) from within the USDA to serve as a staff member of the Agriculture Production Division, Office of Agriculture, Bureau for Development Support, A.I.D. The Specialist will be responsible for identifying key problems relating to improving livestock production by reducing or eliminating animal disease, parasites, and pests (particularly those affecting human food supplies) and for designing practical solutions to these problems; serve as senior professional for the entire AID Agency in dealing with animal disease and pest problems, establish policies for control and reduction of animal disease and pest problems, develop plans for improved livestock programs to control epizootic diseases in the LDC's; relate animal disease projections as basis to determine policies and trends in LDC's; and recommend specific projects to deal with the problems through technical assistance, education and research. The specialist will be the Agency's principal expert in dealing with policy and actions relating to animal disease emergencies; will develop and propose programs, which will contribute to institution building and to training LDC scientists in livestock production and disease control; provide the expert leadership to formulate and guide a broadscale plan relating to epizootic diseases and pest control and related fields of animal production; identify research needs related to both animal and human health; and collaborate with those involved with human health responsibilities.

2. Animal Nutritionist (GS-14) to serve as a staff member of the Agriculture Production Division, Office of Agriculture, Bureau for Development Support, AID. The specialist will provide operational leadership and technical direction for DS Regional Bureaus and Missions in the area of livestock feeds and feeding; will identify, design, critique and develop new DS/AGR projects that are directed at generating new knowledge on livestock feeding and feeding systems; participate on Regional Bureau reviews of livestock development projects proposed by field missions and provide guidance and comments on strengths and weaknesses of such projects from an animal science viewpoint; advise field missions on developing livestock strategies and in designing drafting and presenting projects to execute that strategy as well as in their evaluation; participate in screening unsolicited research proposals; recommend new project activity in livestock and poultry; and assist with the CRSP planning.
3. Program Assistant (GS-8) to assist the professional staff of the livestock section of the Production Systems Division in design and implementation of livestock development research and technical assistance activities and responses to requests originating in AID missions and regional bureaus; to aid in the identification and location of appropriate material and personnel resources for carrying out these activities; prepares and processes documentation for these activities; serves as liaison coordinator between the livestock sector and the staff of the various divisions within DSB and OICD of the U.S. Department of Agriculture; assists in the overall planning and implementation of seminars, conferences and training sessions; provides professional staff with background information and substantive data for decision making, program planning, staffing and budget and financial planning.
4. Short-term experts will be provided as required, to meet specialized requests from overseas mission, AID/W Regional Bureau and the Agriculture Production Division. Director of the Agriculture Production Division will notify USDA of the nature of the TDY requirements. Areas of expertise for the short-term experts may include the following.

a. Animal Feeding and Nutrition

This specialty area includes cattle, sheep, goats, equine, swine, and poultry feeding and nutrition.

b. Animal Breeding and Selection

This specialty includes reproductive physiology, animal breeding and genetics, breed selection and adoption to tropical conditions and artificial insemination.

c. Animal Disease Prevention and Control

This area includes communicable disease control and eradication; vaccine production and quality control; diagnostic services and treatment; animal health delivery systems; and pharmacology.

d. Range and Pasture Forage Production and Management Systems

This area includes range and pasture forage production; range and pasture management and ecology.

e. Pest and Vector Management and Control Systems

This area includes parasitology, entomology, vertebrate and invertebrate pests, and vector control systems.

f. Range, Herd and Farm Flock Management Systems

This area includes animal husbandry; livestock and crop production systems; extension systems and programs; animal traction and appropriate technology; agricultural economics; rural sociology; farm input supply and farm production credit.

g. Livestock and Product Marketing

This area includes cattle, sheep, goat, swine, equine and poultry marketing; and animal product processing and marketing.

h. Animal Industry Project and Program Support

Project and program identification, design, management and evaluation of research and extension service programs and systems; and census, statistics and data systems.

i. Project Evaluation and Cost-Benefit Studies

This area includes the use of statistical methods and mathematical models in project evaluation, comparisons, and reviews.

E. Supervision and Guidance

1. The livestock specialists will receive guidance from and consult with the Director, Agriculture Production Division and other professional staff with respect to broad A.I.D. policy directives in the area of development goals. Their work will be reviewed in terms of fulfillment of broad program objectives and national foreign assistance goals and in terms of the achievement of high quality research/assistance program and contributions to the science in meeting new goals and finding solutions to new problems.
2. Specialists from various disciplines will apply their technical expertise to the solutions of AID-identified LDC development problems. USDA will provide authoritative expertise from within USDA or outside USDA and other specialized assistance as recognized by AID and required for particular design and study efforts. These experts and scientists should possess a composite of the following attributes, qualifications and/or experience:
 1. Professional and scientific stature to command respect and to work at peer levels with scientists in all areas of responsibility.
 2. Professional experience as professional livestock specialist including organizational responsibility for planning and managing programs and projects in the livestock area.
 3. Demonstrated ability to assess the soundness and economic feasibility of proposals for economic advancement in relation to conditions existing in specific countries.
 4. Ability to deal successfully with senior government officials or scientists in recipient countries, as well as with representatives of other sponsoring agencies on policy issues of major importance to the development of livestock programs.

F. Evaluation

The A.I.D. requirement of annual evaluation will be implemented on July 15, 1980. Two aspects of project review will be involved in the evaluation process. The first aspect applies to the livestock health specialist, animal nutritionist, vertebrate pest control specialist, and program assistant working in the DS/AGR/Agriculture Production Division. In this case, the frequent face to face contact provides evaluation periodically and for rapid adjustment in the scope of work to meet the needs of Office operations.

The second aspect applies to limited work projects and TDY services provided by USDA as requested by DS/AGR. These various activities will be evaluated in terms of the results produced as compared to the implementing instructions provided.

G. Reports

The RSSA experts will prepare memoranda from time to time as required on issues arising in the course of their duties. They will also prepare documents relating to research and technical assistance projects in which they participate, and they are to report on the results of such projects.

Trip reports (3 copies) are to be submitted to the A.I.D. Project Manager, DS/AGR/AGR. Production.

H. Background Information

Background information is available from DS/AGR/AGR. Production.

I. International Travel

No international travel, originating in the U.S. will be undertaken unless prior approval has been obtained from CM/SOD/IIA.

J. Special Provisions

Any residual funds remaining on September 30, 1981 are to be carried forward into FY 1982 in support of this project, pending extension approval.

K. Logistic Support

Use of A.I.D. facilities is authorized as it is essential for the performances of the RSSA personnel.

LIVESTOCK PRODUCTION CAPABILITY

USDA - RSSA

July 1, 1979 through Sept. 30, 1980

Technicians	Grade	No. months
1 Livestock Health Specialist	GS-15	15
Various TDY support	various	36
1 Secretarial/clerical	GS-6	15

Budget	Cost (000)
Personnel Cost	\$201,500
Personnel Benefits	17,128
International Travel	79,000
Domestic Travel	8,500
Printing and other related cost	2,600
Cost related to testing vectors	9,000
Seminar, Workshop, In-service training	60,272
Overhead - 20%	75,600
Negotiating Contingencies	1,400
	<hr/> \$455,000

LIVESTOCK PRODUCTION CAPABILITY

Projected No. 931-1149
RSSA - USDA 2-79
Projected Budget FY 81

I. Personal Services

A. Staff Salaries

1. Livestock Health Specialist GS-15-10 @ \$50,113 + 6.0%	\$53,120
2. Animal Nutritionist GS-14-10 @ \$45,126 + 6.0%	47,834
3. Program Assistant GS-8-10 @ \$20,049 + 6.0%	21,252
4. Short-term Experts (six months) GS-14-10 @ \$45,126 + 6.0%	23,917

SUBTOTAL \$146,123

B. Personnel Benefits @ 10.1% of salaries 14,758

SUBTOTAL for Personal Services \$160,881

II. Travel and Transportation

A. Airline Transportation

1. Domestic - 20 trips @ \$300	6,000
2. International - 20 trips @ \$1500	<u>30,000</u>

SUBTOTAL Airline Travel 36,000

B. Per Diem and Other Reimbursable Expenses

1. Domestic @ 5 days per trip X20, X50, daily average	5,000
2. International @ 15 days per trip X20, X65 daily average	<u>19,500</u>

SUBTOTAL 24,500

SUBTOTAL for Travel & Transportation 60,500

III. Miscellaneous Acquisition of Publications, Reference material, & Duplication	3,500
IV. Laboratory	11,000
V. In-service Training, Seminars, & Workshops	6,500
VI. Contingency Factor	13,452
VII. OICD Overhead at 20%	<u>44,167</u>
ESTIMATED TOTAL FY 1981 REQUIREMENTS	\$300,000

MINUTES OF LIVESTOCK SUB-COMMITTEE
OF TPCA

The TPCA Livestock Sub-committee met at 10:00 a.m. in Room 206 RPC on April 17, 1979. Those attending were Roy Hoffarth AFR/ARO; Pete Williams, ASIA/TR; Dick Hughes, LAC/DR; Worth Fitzgerald; NE/TECH; Don Ferguson, USDA/OICD; Nels Konnerup, DS/AGR; and James W. Oxley, DS/AGR (Chairman).

Among a number of issues and needs that were discussed, the following received the most attention:

1. A diminishing number of livestock oriented people in the Missions reflects on and contributes to the lack of interest in livestock and livestock problems on the part of many missions. The proposed Livestock Production Capability Project (RSSA/PASA) could stimulate more interest in livestock and provide direct assistance to the Missions and host country nationals by "opening doors" for specialists to provide technical assistance on a short-term basis in the form of helping countries to determine needs, design projects and backstop on-going research and development.
2. All Regional Bureaus perceive a need for providing assistance in poultry production and in some areas, ducks and swine production. These enterprises look promising from the standpoint of the small producer and many of the countries need to reduce dependence upon meat imports.
3. The development of video tapes on various topics related to livestock production and management for host country livestock personnel has many possibilities. Publications produced in U.S. and sent to the missions often fail to reach host country personnel. Aware of this problem, DSB staff and RSSA personnel should attempt to develop methods of bridging this communication gap.
4. The CDSS's were not of much assistance in providing technical information on agriculture in general and practically of no value in providing perceived needs in livestock production problems.
5. The need exists to develop small farm models on how a livestock enterprise fits into the total farm program or operation in the course of understanding the role of livestock in rural development. Without this kind of information loan programs can't be totally effective for the small producer. Apparently models have been used in Peru and Nigeria. Access to them may be through Pat Wetmore of USDA or John Day of DSB. Ultimately, pilot programs, applying such models, should be instituted. The small ruminant CRSP with its economic and system analysis components will attempt to get answers for the small goat and sheep producers.

6. Studies are needed on elucidating the many factors involved in livestock marketing in the LDC's. For example, the Mali livestock marketing system needs further study with the ultimate goal of reducing the number of cattle, increasing the herd and meat quality and reducing the dependence of the people on milk.
7. Livestock diseases continue to take their toll. A major concern in some countries is not in the production of vaccines but in the lack of efficient delivery systems to the producer. More trained technicians and the development of outlying vaccination stations are current deficiencies in many countries. The USDA is providing assistance to some countries now. For example with USDA personnel, Mali is preparing for a complete animal vaccine production and delivery system.
8. ISTC and its implications on staffing and current and future projects on DSB were discussed, with more questions being raised than were answered. It was difficult to comprehend how such an institute would benefit agricultural research. It could decimate the livestock program.
9. The criteria for performing service for developing countries, missions, and regional bureaus as developed by DSB for their CDSS exercise were briefly reviewed. Time didn't permit much discussion.
10. The ABS for FY 81 for the Livestock Division (cluster) will include three levels of funding - a minimum. The current and an approved agency planning level (AAPL) the projects planned for each of these levels are shown in the following table:

At the minimum level

(\$50m for DSB)

CRSP-Small Ruminants (this could go to the ISTC) \$2,700

At the current level

(\$54.5m for DSB)

CRSP-Small Ruminants - \$2,700
Physiology and Ecology of Ticks - \$300
Livestock Production Capability - \$300

At the AAPL level

(\$70.0m for DSB)

CRSP-Small Ruminants - \$2,700
Grazing Ruminants - New or revised (Mineral Deficiency Project) - \$100
Feed Supply Systems - New - \$300
CRSP-Small Ruminants - An additional increment - \$200
CRSP-Animal Health Planning - (This could go to ISTC) - \$300

11. The Livestock Capability Project planned for FY 79 and continuing through FY 81 is being reviewed and up-dated by the Division and Don Ferguson of USDA/OICD.

The project is budgeted for FY 79 and can be implemented this year if further delays are avoided. Apparently the missions were not polled as to the kind of TDY assistance they could use. This still can be done but would postpone implementation of project for 2 or 3 months. A review of the various specializations included in the original document (table 10 attached) resulted in the following additions:

<u>Specializations</u>	<u>Scientist Time</u>
Pasture and Forages	+1
<u>Combine Farm Management and Livestock Production Systems</u>	+2
<u>Add Several Livestock Production Economist</u>	+1
Add Animal Production Generalist	+1
Add Poultry Production Specialist	+1
Add Animal Health Management	+1
Add Livestock and Poultry Marketing	+1
Add By-Products and Feed Utilization	+1

12. The committee was informed of Dr. Konnerup's forthcoming retirement on or about June 1.

13. Committee Recommendations:

- (a) Implement the agreement with SEA/USDA to provide TDY assistance in the specializations outlined above. Build in one full time scientist through the RSSA to work with large ruminants and/or feeds and nutrition and/or animal health until such time a permanent replacement can be hired or through t
- (b) Add a poultry expert to staff using an IPA or through the RSSA as this area where much assistance is needed in all regions and where the payoff is promising.
- (c) Locate models that have been used effectively in LDC's for small livestock-crop enterprises and encourage their application in form of pilot studies by DSB economists and/or rural development specialists.

AGENCY FOR INTERNATIONAL DEVELOPMENT
PROJECT DOCUMENT
ACTION FORM

1. TRANSACTION CODE
A A - ADD
C - CHANGE
D - DELETE

PDAF
2. DOCUMENT CODE
4

3. COUNTRY ENTITY
TA Bureau

4. DOCUMENT REVISION NUMBER

5. PROJECT NUMBER (7 digits)
931-1149

6. BUREAU OFFICE
A. SYMBOL **TA/AGR** B. CODE **08**

7. PROJECT TITLE (Maximum 40 characters)
Livestock Production Capability

8. RELATED DOCUMENT CODE
1 1 - PID
2 - PRP

9. PROJECT DOCUMENT ACTION
ENTER COMMENT FOR ITEMS IN BLOCK (3)

ACTION TAKEN
 A - APPROVED
C - DISAPPROVED*
S - SUSPENDED*
CA - CONDITIONALLY APPROVED*
DD - DECISION DEFERRED*

10. APPROVED BUDGET AID APPROPRIATED FUNDS (USD)

A. APPROPRIATION	B. PRIMARY PURPOSE CODE	PRIMARY TECH CODE		E. FIRST FY 78		LIFE OF PROJECT	
		C. GRANT	D. LOAN	F. GRANT	G. LOAN	H. GRANT	I. LOAN
(1) TN	114F	178		400		900	
(2)							
(3)							
(4)							
TOTALS				400		900	

11. PROPOSED PLANNING RESOURCES
 1 - APPROVED
2 - DISAPPROVED
3 - APPROVED AS MODIFIED

12. PROPOSED NEXT DOCUMENT
A. **3** 2 - PRP
3 - PP

B. PROPOSED NEXT DOCUMENT DATE
12/77

13. COMMENTS (Maximum 260 characters)
[]

14. ACTION REFERENCE

A. AIRGRAMS **A I D T O A**

TELEGRAMS **S T A T E**

MEMORANDA

B. ACTION REFERENCE DATE
MM DD YY

15. CLEARANCES

	TYPO NAME	TITLE	DATE	INITIALS
A	N. Raun	TA/AGR/L	6-23	<i>NR</i>
B	L. Hesser	Dir. TA/AGR	6/23/77	<i>LH</i>
C	C. Malfetto	TA/PPU/PPa	6/27	<i>CM</i>
D	<i>K. Mellow</i>	TA/PPU		
E				
F				

16. RESPONSIBLE OFFICIAL SIGNATURE

17. ACTION DATE
MM DD YY

50 %