

PDFCE 645

AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

AUG 31 1989

Dr. Donald R. Price  
Vice President for Research  
University of Florida  
223 Grinter Hall  
Gainesville, FL 32611

Subject: Cooperative Agreement No. AFR-0435-A-00-9084-00

Dear Dr. Price:

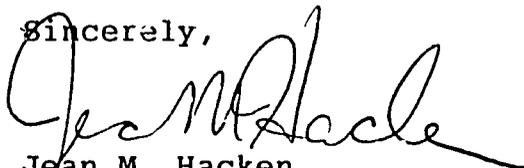
Pursuant to the authority contained in the Foreign Assistance Act of 1961, as amended, and the Federal Grant and Cooperative Agreement Act of 1977, the Agency for International Development (hereinafter referred to as "A.I.D." or "Grantor") hereby provides to UNIVERSITY OF FLORIDA (hereinafter referred to as "Recipient") the sum of Two million seven hundred thirty-six thousand dollars (\$2,736,000) for research conducted in both Zimbabwe and Florida leading to the development of a diagnostic test and vaccine for heartwater disease. This program is more fully described in Attachment 1 of this Cooperative Agreement entitled Schedule and Attachment 2 entitled Program Description.

This Cooperative Agreement is effective and obligation is made as of the date of this letter and shall apply to commitments made by the Recipient in furtherance of program objectives through the estimated completion date of August 31, 1992. Funds disbursed by AID but uncommitted by the Recipient at the expiration of this period shall be refunded to A.I.D.

This Cooperative Agreement is made to the Recipient on condition that the funds will be administered in accordance with the terms and conditions as set forth in Attachment 1, the Schedule, Attachment 2, the Program Description, and Attachment 3, the Standard Provisions, which have been agreed to by your organization.

Please acknowledge receipt of this Cooperative Agreement by signing all copies of this Cover Letter, retaining one set for your files, and returning the remaining copies to the undersigned, being sure to return all copies marked "Funds Available".

Sincerely,



Jean M. Hacken  
Agreement Officer  
Overseas Division-Africa  
Office of Procurement

Attachments:

1. Schedule
2. Program Description
3. Standard Provisions

ACKNOWLEDGED:

UNIVERSITY OF FLORIDA

BY:           Dillard C. Marshall          

TYPED NAME:           Dillard C. Marshall          

TITLE:           Assistant Director of Research          

DATE:           September 21, 1989          

2

FISCAL DATA

PIO/T Nos.:	690-0435-3-90025 (\$2,600,000)
	698-0435-3-9613509 (\$136,000)
	(Africa Regional)
Appropriation No.:	72-1191014
Budget Plan Code:	GSSA-89-21613-GG12 (\$2,600,000)
	GSSA-89-31698-KG12 (\$ 136,000)
Allotment No.:	914-61-698-00-69-91
This Obligation:	\$2,736,000
Total Estimated Amount:	\$2,736,000
Technical Office:	AFR/TR/ANR/FS, R. Newberg
DUNS No.:	004426771
Employer ID No.:	59-60020502
Paying Office:	PFM/FM/CMP/LC
Method of Payment:	Letter of Credit 72001384

**ATTACHMENT 1**

**SCHEDULE**

## SCHEDULE

### A. Purpose of Cooperative Agreement

The purpose of this Cooperative Agreement is for research conducted in both Zimbabwe and Florida leading to the development of a diagnostic test and vaccine for heartwater disease, as more specifically described in Attachment 2 to this Agreement entitled "Program Description".

### B. Period of Agreement

The effective date of this Agreement is the date of the Cooperative Agreement cover letter and the estimated completion date is August 31, 1992.

### C. Substantial Involvement Understandings

It is understood and agreed that AID will be substantially involved during performance of this cooperative agreement as follows:

1. Work Plan - AID will be consulted during the development of an annual work plan and revisions thereto and have the right of final approval of all areas of the work plan where AID funds are included.

2. Field Activities - AID will be involved in the selection of sites, methodologies and strategies to be used in field activities funded under this agreement.

3. Participants - Where AID funds are used, the AID Project Officer must approve, in advance, the selection of technical trainees or scientists for participation in training courses or graduate or postdoctoral training.

### D. Amount of Agreement and Payment

1. The total estimated amount of this Agreement for the period shown in B. above is \$2,736,000.

2. Payment shall be made to the Recipient in accordance with procedures set forth in Attachment 3 - Optional Standard Provisions For U.S. Nongovernmental Grantees, the clause entitled "Payment - Letter of Credit".

### E. Budget

The following is the Budget for this Cooperative Agreement. The Recipient may not exceed the total estimated amount or the obligated amount, whichever is less. Except as specified in the Mandatory Standard Provision of this Agreement entitled "Revision of Grant Budget", as shown in Attachment 3, the Recipient may adjust line item amounts within the grand total as may be reasonably necessary for the attainment of program objectives.

5

Budget  
(8/31/89 - 8/31/92)

<u>Line Item</u>	<u>Funding Source</u>		<u>Government of Zimbabwe</u>
	<u>A.I.D.</u>	<u>U/Florida</u>	
Personnel	\$1,033,000	\$ 464,946	\$ 36,000
Travel/Allowances	257,000	19,865	0
Equipment/Supplies	374,000	670,200	148,000
Training	261,000	0	0
Epidemiological Surveys	180,000	0	0
Other Direct Costs	101,000	4,232	63,000
Indirect Costs	<u>530,000</u>	<u>250,282</u>	<u>0</u>
TOTALS	\$2,736,000	\$ 1,409,525	\$ 247,000
GRAND TOTAL			\$4,392,525

Inclusion of any cost in the budget of this Agreement does not obviate the requirement for prior approval by the Agreement Officer of cost items designated as requiring prior approval by the applicable cost principles (see the Standard Provision entitled "Allowable Costs") and other terms and conditions of this Agreement, unless specifically stated elsewhere in this Agreement.

F. Reporting and Evaluation

1. Financial Reporting

a. Financial reporting requirements shall be in accordance with the Optional Standard Provision of this Agreement entitled "Payment - Letter of Credit", as shown in Attachment 3. The frequency of financial reporting and the due dates of reports shall be as specified in the above referenced clause.

b. The original and two copies of all financial reports shall be submitted to:

Agency For International Development  
Office of Financial Management, CMP/LC  
Room 703, SA-2  
Washington, D.C. 20523-0209.

c. In addition, one copy of all financial reports shall be submitted to the A.I.D. Project Manager, R. Newberg, or his designee, at the following address:

Agency For International Development  
Office of Technical Resources  
Room 310, SA-8A  
Washington, D.C. 20523-1515

d. Each financial report shall include:

PIOT Numbers: 698-0435-3-90025 (\$2,600,000)  
698-0435-3-9613509 (\$136,000)  
Project Number: 698-0435  
Project Name: Strengthening African Agricultural  
Research and Facilities of  
Agriculture Heartwater Research  
Program  
Subproject Name: University of Florida/SADCC  
Heartwater Research Program  
Subproject No.: 698-0435.14  
Agreement Number: AFR-0435-A-00-9084-00  
Project Office: AFR/TR/ANR/FS, R. Newberg

## 2. Program Performance Reporting

a. The Recipient shall submit the following program performance reports every four months, and a final report, which briefly presents the following information:

(1) A comparison of actual accomplishments with the goals established for the period, the findings of the investigator, or both. If the output of programs or projects can be readily quantified, such quantitative data should be related to cost data for computation of unit costs.

(2) Reasons why established goals were not met.

(3) Other pertinent information including, when appropriate, analysis and explanation of cost overruns or high unit costs.

b. Between the required performance reporting dates, events may occur that have significant impact upon the program. In such instances, the Recipient shall inform AID as soon as the following types of conditions become known:

(1) Problems, delays, or adverse conditions that will materially affect the ability to attain program objectives, prevent the meeting of time schedules and goals, or preclude the attainment of project work units by established time periods. This disclosure shall be accompanied by a statement of the action taken, or contemplated, and any AID assistance needed to resolve the situation.

(2) Favorable developments or events that enable time schedules to be met sooner than anticipated or more work units to be produced than originally projected.

c. If any performance review conducted by the Recipient discloses the need for change in the budget estimates in accordance with the criteria established in Standard Provision of this Agreement entitled "Revision of Grant Budget", the Recipient shall submit a request for budget revision.

d. Two copies of each program performance report shall be submitted to the A.I.D. Project Manager at the address specified in F.1.c above.

G. Special Provision

1. The Recipient shall be reimbursed for costs incurred in carrying out the purposes of this Agreement which are determined by the Agreement Officer to be reasonable, allocable, and allowable in accordance with the terms of this Agreement, any negotiated advance understanding on particular cost items, and the applicable cost principles in effect on the date of this Agreement.

2. ZIP Codes: Use the following nine-digit zip codes instead of the five-digit codes shown in the Standard Provisions:

<u>Standard Provision</u>	<u>Zip code</u>
Disputes Clause	20523-0051
Payment-Letter of Credit	20523-0209
(In addition to the zip code change, the organizational symbol for A.I.D.'s Office of Financial Management has been changed to the address shown in F.1.b of the Schedule.)	
Ocean Shipment of Goods	20523-1419
Procurement of Goods & Services	20523-1414
Negotiated Indirect Cost	
Rates-Predetermined	20523-0060
	20523-1417

<b>Negotiated Indirect Cost</b>	
<b>Rates-Provisional</b>	<b>20523-0060</b>
	<b>20523-1417</b>
Participant Training	<b>20523-1601</b>
Participant Training	<b>20523-0208</b>
Use of Fouch Facilities	<b>20523-0001</b>

3. Throughout the Standard Provisions of this Cooperative Agreement, the terms "Grant", "Grantee" and "A.I.D. Grant Officer" are hereby changed to "Agreement" and "Recipient", and "A.I.D. Agreement Officer", respectively.

4. For the purposes of "notices" delivered to the A.I.D. Agreement Officer, pursuant to Mandatory Standard Provision No. 13, entitled "Notices", the following address shall be used:

- a) Regular U.S. Mail  
Agreement Officer  
Agency for International Development  
Office of Procurement  
Overseas Division-Africa  
Washington, D.C. 20523-1425
  
- b) By courier  
Agreement Officer  
Agency for International Development  
Office of Procurement  
Overseas Division-Africa  
15th floor receptionist  
1100 Wilson Blvd.  
Arlington, Virginia 22209

#### H. Indirect Cost Rates

Pursuant to the Optional Standard Provision of this Cooperative Agreement entitled "Negotiated Indirect Cost Rates-Predetermined", the allowable indirect costs under this Cooperative Agreement shall be obtained by applying the predetermined rates listed below to the base shown and for the period described.

Following the expiration of the period listed for the predetermined rates, and pending the establishment of final indirect cost rates, the provisional rates below shall govern, in accordance with the Optional Standard Provision of this Cooperative Agreement entitled "Negotiated Indirect Cost Rates-Provisional".

<u>Type</u>	<u>Period</u>	<u>Rate(%)</u>	<u>Location</u>	<u>Applicable To</u>
Z	7/1/89-6/30/91	45.0	On-Campus	Research
Z	7/1/89-6/30/91	21.6	Off-Campus	Research
Z	7/1/89-6/30/91	38.0	On-Campus	Sponsored Instruction
Z	7/1/89-6/30/91	25.9	Off-Campus	Sponsored Instruction
Y	7/1/91-6/30/92	45.0	On-Campus	Research
Y	7/1/91-6/30/92	21.6	Off-Campus	Research
Y	7/1/91-6/30/92	38.0	On-Campus	Sponsored Instruction
Y	7/1/91-6/30/92	25.9	Off-Campus	Sponsored Instruction

Base

Modified total direct costs consisting of salaries and wages, fringe benefits, materials and supplies, services, travel and subgrants and subcontracts up to \$25,000 each. These base costs do not include costs for tuition remission, participant support costs (e.g., student aid, stipends, dependency allowances, scholarships, fellowships); off-campus rentals/maintenance costs; flow-through funds; hospitalization and other fees associated with patient care whether obtained from a related or third party; and capital expenditures (equipment, alterations, renovations).

Y = Provisional

Z = Predetermined

Not later than 90 days after the close of the Recipient's fiscal year, the Recipient shall submit to the cognizant government audit agency, proposed final indirect cost rates and supporting documentation.

I. Title to Property

This agreement provides funds for the purchase of two vehicles and various equipment and supplies. Title to property financed by AID for use at the University of Florida shall vest in the recipient. Title to property financed by AID for use in the Cooperating Country shall vest in the Cooperating Country.

J. Authorized Geographic Code

The authorized geographic code for procurement of goods and services under this Agreement is 941.

K. Standard Provisions

Attachment 3 of this Agreement contains "Mandatory and Optional Standard Provisions For U.S., Nongovernmental Grantees". All of the "Mandatory" Standard Provisions, and any subsequent revisions, are applicable to this Agreement. The following "Optional" Standard Provisions, and any subsequent revisions, have also been determined to be applicable:

Optional Standard Provisions For U.S., Nongovernmental Grantees

- Payment - Letter of Credit (November 1985)
- Air Travel and Transportation (November 1985)
- Ocean Shipment of Goods (May 1986)
- Procurement of Goods and Services (November 1985)
- AID Eligibility Rules for Goods and Services  
(November 1985)
- Subagreements (November 1985)
- Local Cost Financing (November 1988)
- Patent Rights (November 1985)
- Publications (November 1985)
- Negotiated Indirect Cost Rates - Predetermined  
(May 1986)
- Negotiated Indirect Cost Rates - Provisional  
(May 1986)
- Regulations Governing Employees (November 1985)
- Participant Training (May 1986)
- Care of Laboratory Animals (1985)
- Title To & Use of Property (Grantee Title)  
(November 1985)
- Title To & Care Of Property (Cooperating Country Title)  
(November 1985)
- Use of Pouch Facilities (November 1985)
- Conversion of United States Dollars To Local Currency  
(November 1985)

**ATTACHMENT 2**

**PROGRAM DESCRIPTION**

## BACKGROUND

During the initial three and a half years of the Heartwater Research Program, scientists were able to develop 1) a methodology for culturing the disease causing organism, making available an unlimited supply of antigenic material, 2) an indirect fluorescent antibody test, providing the technology for a diagnostic test, and 3) a DNA library of the disease organism, the first step in the development of a DNA probe to detect infection accurately. The original effort has been extended under the Zimbabwe Agricultural Sector Assistance (ZASA) Project from May 18, 1989 to August 1, 1989, when it will expire. Because of the regional nature of the project, the Mission is moving its support from the bilateral to the Southern Africa Regional Program (SARP) portfolio. The majority of financing for the activity, \$2.6 million, is being provided from the SADCC account as a buy-in to the SAARFA Project. \$136,000 is being provided from DFA funds for non-SADCC country activities.

This SAARFA Subproject will continue efforts began under the ZASA project, to provide funding of \$2,736,000 over three years to the University of Florida to collaborate with SADCC and other select sub-Saharan African countries on research and training related to the development of a diagnostic field test and vaccine for heartwater disease of livestock. The purpose of the Subproject is to strengthen African institutional animal research capacity while developing a field diagnostic test and vaccine for heartwater disease, a tick-borne disease long recognized as the cause of severe livestock losses in Africa. The research will be conducted at the Veterinary Research Laboratory in Zimbabwe, a designated training facility for the SADCC countries, and at the University of Florida's Department of Infectious Diseases and Center for Tropical Animal Health. Training and epidemiological survey activities will involve a larger number of SADCC and other-region African countries.

## PROGRAM DESCRIPTION

The University of Florida will implement the Workplan for the Heartwater Research Program contained in their unsolicited proposal dated May 15, 1989, incorporated herein by reference.

The University of Florida will arrange for four African nationals to be trained at the Master of Science level with AID funding, two at the University of Florida and two at the University of Zimbabwe. The University of Florida will also arrange for Short term training to be provided in Zimbabwe with Grant funds for approximately \$261,000. The University of Florida will submit to the Office of International Training (S&T/IT), Statistical Unit, Agency for International Development, Washington, DC 20523 all participant training actions on AID Participant Data Form 1380-94.

The University of Florida will procure with AID funds approximately \$374,000 in equipment and supplies for the research, and \$180,000 for additional equipment and supplies related to conducting epidemiological surveys in six SADCC and at least three non-SADCC countries.

AID 1350 I (3 87)	AGENCY FOR INTERNATIONAL DEVELOPMENT	1 Cooperating Country <b>Africa Regional</b>	Page 1 of _____ Pages
		2 PIO/T No <b>690-0435-3-90025</b>	3 <input checked="" type="checkbox"/> Original or Amendment No _____
		4 Project/Activity No and Title <b>Strengthening African Agricultural Research and Faculties of Agriculture Heartwater Research Program (698-0435.14)</b>	

DISTRIBUTION	5 Appropriation Symbol <b>72-1191014</b>		6 Budget Plan Code <b>GG GSSA-89-21613-0612</b>			
	7. Litigation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Implementing Document		8 Project Assistance Completion Date (Mo., Day, Yr) <b>9/29/92</b>			
	9 Authorized Agent <b>SER/OP/OS/AFR</b>		10. This PIO/T is in full conformance with PRO/AG No Date <b>N/A</b>			
	11a Type of Action and Governing AID Handbook <input type="checkbox"/> AID Contract (HB 14) <input type="checkbox"/> AID Grant or Cooperative Agreement (HB 13) <input type="checkbox"/> PASA/RSSA (HB 12) <input type="checkbox"/> Other		11b Contract/Grant/Cooperative Agreement/ PASA/RSSA Reference Number (if this is an Amendment)			
	<b>Cooperative Agreement with the Univ. of Florida</b>					
12. Estimated Financing (A detailed budget in support of column (2) is attached as Attachment No _____)						
Maximum AID Financing Available		A Dollars	(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
				<b>2,600,000</b>		<b>2,600,000</b>
		B U.S.-Owned Local Currency				
13 Mission References <b>Contract AFR-0000-C-00-6003-00 Evaluation dated 3/16/89 Project Proposal PIOT 690-0435-3-90025</b>						
14A Instructions to Authorized Agent <b>Negotiate and issue a cooperative agreement to the University of Florida, College of Veterinary Medicine, Department of Infectious Diseases and Center for Tropical Animal Health (Tel. 904-392-1841) for research conducted in both Zimbabwe and Florida leading to the development of a diagnostic test and vaccine for heartwater disease. This PIO/T provides partial funding. Another \$136,000 is provided in a separate PIO/T for the non-SADOC countries for total funding of \$2,736,000.</b>						
14B Address of Voucher Paying Office <b>Office of Financial Management Washington, D.C. 20523</b>						
Voucher Approval Office <b>AFR/TR/ANR/FS, Rm. 331, SA-8A</b>						

15 Clearances—Include typed name, office symbol, telephone number and date for all clearances			
A The Project Officer certifies that the specifications in the statement of work or program description are technically adequate	Phone No <b>235-0879</b>	B The statement of work or program description lies within the purview of the initiating office and approved agency programs	Date
<b>AFR/TR/ANR/FS, RNewberg</b>	Date <b>8/15/89</b>	<b>AFR/TR/ANR, LJepson</b>	<b>7/25/89</b>
C <b>AFR/TR/ANR/FS, NSheldon</b>	Date <b>7/24/89</b>	D Funds for the services requested are available	Date
<b>S&amp;T/AGR/AP, JCohen</b>	<b>8/17/89</b>	<b>AFR/TR/PRO, CBurks</b>	<b>8/21/89</b>
E <b>AFR/PD/SAP, CROZELL</b>	Date	<b>AFR/DP, GCauvin</b>	<b>9/22/89</b>
16 For the Cooperating Country The terms and conditions set forth herein are hereby agreed to		17 For the Agency for International Development	
Signature <b>N/A</b> Date _____		Signature <b>Brian Klipsch</b> Date <b>8/23/89</b>	
Title _____		Dep Director, AFR/TR	

\*See HB 3 Sup A App C Att B for preparation instructions. Note: The completed form contains sensitive information whose unauthorized disclosure may subject an employee to disciplinary action.

15

AID 1350 I (3 871)	AGENCY FOR INTERNATIONAL DEVELOPMENT	1 Cooperating Country <b>Africa Regional</b>	Page 1 of _____ Pages
		2 PIO/T No. <b>698-0435-3-9613509</b>	3 <input checked="" type="checkbox"/> Original or Amendment No. _____
		4 Project/Activity No. and Title <b>Strengthening Africa Agricultural Research and Faculties of Agriculture Heartwater Research Program (698-0435.14)</b>	

DISTRIBUTION	5 Appropriation Symbol <b>72-1191014</b>	6 Budget Plan Code <b>GSSA-89-31698-KG12 (914-61-698-00-69-91)</b>
	7 Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Implementing Document	8 Project Assistance Completion Date (Mo., Day, Yr.) <b>9/29/92</b>
	9 Authorized Agent <b>SER/OP/OS/AFR</b>	10 This PIO/T is in full conformance with PPO/AG No. Date <b>N/A</b>

11a Type of Action and Governing AID Handbook <input type="checkbox"/> AID Contract (HB 14) <input checked="" type="checkbox"/> AID Grant or Cooperative Agreement (HB 13) <input type="checkbox"/> PASA/RSSA (HB 12) <input type="checkbox"/> Other	11b Contract/Grant/Cooperative Agreement/ PASA/RSSA Reference Number (if this is an Amendment)
<b>Cooperative Agreement with the Univ. of Florida</b>	

12 Estimated Financing (A detailed budget in support of column (2) is attached as Attachment No. _____)					
Maximum AID Financing Available	A Dollars	(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
			<b>136,000</b>		<b>136,000</b>
	B U.S.-Owned Local Currency				

13 Mission References <b>Contract AFR-0000-C-00-6003-00 Evaluation dated 3/16/89 Project Proposal</b>	14A Instructions to Authorized Agent <b>Negotiate and issue a cooperative agreement to the University of Florida, College of Veterinary Medicine, Department of Infectious Diseases and Center for Tropical Animal Health (Tel. 904-398-1841) for research conducted in both Zimbabwe and Florida leading to the development of a diagnostic test and vaccine for heartwater disease. This PIO/T provides partial funding. Another \$2,600,000 is provided in a separate PIO/T for the Southern Africa Regional Program, for total funding of \$2,736,000.</b>
--	---

14B Address of Voucher Paying Office <b>Office of Financial Management Washington, D.C. 20523</b>	Voucher Approval Office <b>AFR/TR/ANR/FS, Rm. 331 SA-8A</b>
--	--

15 Clearances—Include typed name, office symbol, telephone number and date for all clearances			
A The Project Officer certifies that the specifications in the statement of work or program description are technically adequate. <i>[Signature]</i> AFR/TR/ANR/FS, RNewberg	Phone No. <b>235-0879</b>	B The statement of work or program description lies within the purview of the initiating office and approved agency programs.	Date
C AFR/TR/ANR/FS, NSheldon S&T/AGR, JCohen	Date <b>8/15/89</b>	AFR/TR/ANR, LJepson	<b>7/25/89</b>
E AFR/PD/SAP, CROze	Date <b>7/24/89</b>	D Funds for the services requested are available AFR/TR/PRO, CBurks	Date <b>8/21/89</b>
	Date <b>8/7/89</b>	AFR/DP, GCauvin M/FM/PAFD, CGraig	Date <b>8/22/89</b>

16 For the Cooperating Country. The terms and conditions set forth herein are hereby agreed to.	17 For the Agency for International Development
Signature <b>N/A</b> Date _____	Signature <i>[Signature]</i> Date <b>8/23/89</b>
Title _____	<b>Brian Kline Dep Director, AFR/TR</b>

\*See HB 3 Sup A App C Att B for preparation instructions. Note: The completed form contains sensitive information whose unauthorized disclosure may subject an employee to disciplinary action.

FUNDS RESERVED BY  
 Hue Tran  
 POSTED 8/30/89  
 M/FM/PAFD