

PD-FAK 251.

# CONTRACT AMENDMENT

CONTRACT/AGREEMENT  
DATA SHEET

**B** 5705

1.M/SER/CM/SD/SS

Action Monitor:  
L.B.

2. Date PIO/T Received:

2 / 10 / 84

PART ONE: COMPLETE EACH BLOCK FOR BOTH NEW ASSISTANCE/ACQUISITION AND MODIFICATION ACTIONS

3. Contract/Agreement Number:

AID/DSAN-CA-0182

A-22

DAN-5701-H-80-0329-100

Rec'd for Value 3/12/84  
VITA

5. Organization Symbol:

S&T/EY

6. Project Title:

Low Cost Energy Technology for Rural and Urban Poor

7. Project Officer's Name:

E. Peterson

8. Organization Symbol:

S&T/EY

9. Requisitioning

Document ID No: 936-5701-3641196

19. Budget

Plan Code: DAD-84-13600-AG11

App. 72-1141021.3, All. 443-36-099-00-20-41

10. TYPE OF ACTION:

- A. New Acquisition/Assistance
- B. Continuation of activities set forth in a contractual document
- C. Revision of work scope/purpose of award

**B**

20. Country or

Region of  
Performance:

21. a. This Action Increases TEC by \$ -0-

b. Total Est. Cost of  
Contractual Document \$ 9,989,000

11. Amount of  
this PIO/T:

Obl. U.S. \$ 400,000 (inc.)

12. Amount (Obligated/  
Subobligated/  
Deobligated by  
this Action:

U.S. \$ 400,000

22. Amount of Non-  
Federal Funds  
Pledged to the  
Project:

U.S. \$ 0

13. Cumulative  
Obligation:

U.S. \$ 6,139,201

23. Effective Date  
of this Action:

03/09/84

14. This Action  
Funded Through:

08/30/84

24. Estimated  
Completion/  
Expiration  
Date:

08/30/84

15. Date Contractual  
Documents Signed  
by AID Official:

03/09/84

25. Contractor  
DUNS Number:

072640840

16. Incrementally  
Funded Contract:

yes

26. Consultant  
Type Award:

NO

17. Host Country/  
Counterpart Inst.:  
(Univ. Contracts)

NA

27. Number of  
Person Months:  
(PASA/RSSA only)

NA

18. Campus  
Coordinator:  
(Univ. Contracts)

NA

28. Number of  
Persons:  
(PASA/RSSA only)

NA

29. Negotiator's Typed Name:

J. PRAKASH

30. Negotiator's Signature:

*J. Prakash*

31. Date Signed:

03/09/84

32. Contract/Grant Officer's  
Organization Symbol:

ROD/LAC

33. Contract/Grant Officer's Signature:

*WA [Signature]*

34. Date Signed:

03/09/84

PART TWO: COMPLETE EACH BLOCK FOR NEW ASSISTANCE/ACQUISITION ACTIONS ONLY

35. SELECTION PROCEDURES:

- A. Formally Advertised
- B. Negotiated Price Competition, General Procedure
- C. A&E
- D. Ed. Inst. and/or Int'l. Research
- E. Collaborative Assistance
- F. Predominant Capability
- G. Unsolicited Proposal

STAT SECTION  
APR 17 1984

H. Procurement to be Performed by the Contractor in Person

I. Sole Source

J. Impairment of Foreign Policy Objectives

K. 8(a) Selection

● Grant/Cooperative Agreement

L. Competitive

M. Noncompetitive

N. Small Business Set Aside

O. Overseas Procuring Activities

ORIGINAL

1. Amendment No. 22	2. Effective Date Date of Agreement Officer's Signature	3. Cooperative Agreement No. AID/DSAN-CA-0182	4. Effective Date 31 August 1979
5. Recipient (Name and Address) Volunteers in Technical Assistance 1815 N. Lynn Street, Suite 200 Arlington, VA 22209 E.I. No.: 14-6033882 DUNS No.: 07-264-0840		6. Administered by- Office of Contract Mgmt Regional Operations Div-LAC Agency for Intern'l Dev. Washington, D.C. 20523  Technical Office: ST/EY	
7. PIO/T No.- 3641196 Appropriation No.- 72-1141021.3 Allotment Symbol- DAD-84-13600-AG11 (443-36-099-00-20-41)		Total Obligated Prior to Amd.: \$5,739,201 Total OBL. by this Amendment: 400,000 Total Obligated to Date : \$6,139,201	

8. The above numbered Cooperative Agreement is hereby modified as follows:  
Purpose: The purpose of this amendment is to provide funding increment for FY 1984 and to specifically define activities for FY 1984, Attachment A.

A. Cover Page:

From "Amount obligated" delete the amount "\$5,739, 201" and substitute in lieu thereof "\$6,139,201".

B. Article I - Cooperative Agreement

1. Delete from Paragraph B.1 "\$5,739,201" and substitute in lieu thereof "\$6,139,201".

2. Delete from Paragraph B.2 "\$4,249,799" and substitute in lieu thereof "\$3,849,799."

FUNDS AVAILABLE  
 MAR 11 1984  
 R. Neaphill  
 Program Acctg. Division  
 OFFICE OF FINANCIAL MANAGEMENT

9. This amendment is entered into pursuant to the authority of the Foreign Assistance Act of 1961, as amended, and Executive Order No. 11223. Except as herein provided, all terms and conditions of the Cooperative Agreement referenced in Block #3 remain unchanged and in full force and effect.

10. Recipient is requested to acknowledge this document in the space provided below.

12. Recipient

BY: L. E. Williams

(Name typed or printed)

TITLE: Acting Exec. Director

DATE: March 14, 1984

UNITED STATES OF AMERICA  
 AGENCY FOR INTERNATIONAL DEVELOPMENT

BY: Wesley L. Hawley

Wesley L. Hawley VP  
 (Name typed or printed)

TITLE: Grant Officer

DATE: MAR 9 1984

ORIGINAL

STATEMENT OF WORK  
(FY 84)

VITA's planned strategy for fiscal year 1984 is an outgrowth of the activities undertaken in the first four years of the cooperative agreement and complimentary activities developed as a result of the cooperative agreement. Continuing project activities will be brought to fruition, and data will be collected to allow the technical and economic viability to be determined. In the two priority areas, gaps have been identified which VITA will address in order to further refine and expand its institutional capacity to support and promote the worldwide dissemination of cooking and waterlifting technologies. VITA will concentrate cooperative agreement resources on finishing up incomplete activities and the following principal task:

The following specific activities are planned for FY 1984:

Task 1 - Cooking Technologies:

- Worldwide review of the draft manual Testing the Efficiency of Woodburning Cookstoves, prepared as a follow up to the Woodstove Testing Meeting held at VITA in December 1982, will be completed. A final edition of the manual will be widely distributed.
  
- VITA will participate in and provide partial funding for the International Workshop on Woodstove Dissemination to be held in the Netherlands in October 1983.
  
- A review, evaluation and analysis of worldwide cookstove projects will be conducted to: one, determine the availability, efficiency, and cost-effectiveness of cookstove designs; two, review and recommend dissemination strategies; and three, identify priority areas for future cookstove efforts.
  
- Current available socio-economic survey instruments and methodologies to interpret survey data with special emphasis on stove marketing strategies will be reviewed and evaluated.

ORIGINAL

- Low-cost charcoal production technologies and portable fuel-efficient charcoal stoves will be evaluated in Montserrat, where project funding has enabled a number of designs to be developed and tested. Data from a large-scale, commercial charcoal manufacturing enterprise in Sri Lanka, partially funded under the cooperative agreement, will be evaluated as well.
- The 68 international cookstove research groups, universities, and AID/Washington and Mission staff on VITA's cookstove mailing list will be kept informed about current stove activities.
- Stove information and by-mail assistance will continue to be provided to stove practitioners.

Should Funding Permit:

- A conference will possibly be held at VITA to review the current state of worldwide cookstove programs, the progress made during the five years of the cooperative agreement, and identify priority areas for future cookstove efforts. The conference would emphasize commercial stove manufacture and marketing, especially in urban areas, and the impact of widespread stove use on deforestation.

Task 2 - Water-Lifting Technologies:

- Field testing of commercially available windpumps to determine performance under normal operating conditions, to compare several wind test instruments (water flow meters, anemometers) to determine a cost-effective means to monitor windpump performance, to begin development of a standard test procedure for windpumps, and to develop a procedure for comparing commercially available windpumps.
- Using the data collected from field testing, refine the microcomputer programs to optimize solar pump and windmill system design. This will include:
  - needs assessment of local resources
  - storage and distribution systems design
  - sensitivity analysis of selected technical/economic parameters
- A synthesis review of the current status of windpump development and dissemination will be made, including an analysis of where utilization of wind energy is technically viable and under what conditions it is economically cost-effective.

ORIGINAL

- A marketing/feasibility study for the manufacture of a low-cost (sale price of less than \$2,000 U.S.), durable water-pumping windmill will be conducted in the Eastern Caribbean. This will include an assessment of the economic, financial, and technical feasibility of manufacturing windmills, identification of the potential market, estimation of capital, labor and operating costs, and the potential rate of return on investment.
- Limited technical assistance will be provided to Windmill Pump, Ltd., a Thai windmill manufacturing company established under the cooperative agreement, to ensure its continued success.
- Design and testing of several variable stroke devices, or other devices which when retrofitted to existing windpumps, are projected to double or triple the water output, gather information for analysis and possible publication of other methods to improve waterpumps output.
- Wind Energy Activities in Africa will be updated and disseminated to over 200 African institutions.
- A new publication, tentatively titled Wind Energy Activities in the Caribbean and Latin America, will list commercial and research development activities and summarize the economic viability of utilizing wind energy in each country in the region.
- The performance of existing photovoltaic and water wheel pumping systems, previously funded under the cooperative agreement, will be assessed to further refine their economic and technical viability in developing countries.
- Information on water-lifting devices and by-mail technical assistance, including microcomputer analysis of windspeed data (for systems analysis and economics), will continue to be provided to overseas requesters.

Should Funding Permit:

- A conference will possibly be held at VITA to draft a standard testing procedure for windpumps, and to verify microcomputer models that identify systems performance cost and economics.
- A design review of variable strokes models developed and other methods of output enhancement, will possibly be held to determine future directions of this effort.

ORIGINAL

Task 3 - Other Renewables:

These activities result either from continuing projects previously funded under the cooperative agreement or from specific requests made by the Energy Division, AID/Washington.

- A state-of-the-art synthesis of available solar drying technology and an assessment of its economic viability.
- Analysis of the technical and economic viability of producing biogas from chicken manure.
- Final evaluation of small grant projects.

Task 4 - Management:

Provide S&T/EY with a program plan including milestone chart and description of publications.

All other terms and provisions in the cooperative agreement remain the same.

ORIGINAL

AID 1350-1 (10-7S)

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
INTERNATIONAL AGENCY FOR DEVELOPMENT

PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES

1. Cooperating Country: Worldwide

2. PIOT No. 3641190

3.  Original or Amendment No. \_\_\_\_\_

4. Project/Activity No. and Title: 936-5701  
Volunteers in Technical Assistance  
Low Cost Energy Technology for Rural and Urban Poor.

Page 1 of Pages

DISTRIBUTION

5. Appropriation Symbol: 72-119A021.3

6. Allotment Symbol and Charge: DAD-8413600-AG11(443-36-099-00-20-4)

7. Obligation Status:  Administrative Reservation  Implementing Document

8. Project Assistance Completion Date (Mo., Day, Yr.): Aug. 30, 1984

9. Authorized Agent

10. This PIOT is in full conformance with PRO/AG \_\_\_\_\_ Date \_\_\_\_\_

11a. Type of Action and Governing AID Handbook:  AID Contract (HB 14)  PASA/RSSA (HB 12)  AID Grant (HB 13)  Other  
Cooperative Agreement

11b. Contract/Grant/PASA/RSSA Reference Number (if this is an Amendment): AID/DSAN-CA-0182

12. Estimated Financing (A detailed budget in support of column (2) is attached as attachment no. \_\_\_\_\_)

Maximum AID Financing	A. Dollars	(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
			--		400,000
	B. U.S.-Owned Local Currency				

13. Mission References

14a. Instructions to Authorized Agent

This PIOT provides fifth year funding under this cooperative agreement.

The terms and conditions as specified in the cooperative agreement are modified by the attached Statement of Work and Budget.

14b. Address of Voucher Paying Office: AID/W

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 are technically adequate S&T/EY, Eric A. Peterson	Phone No. 235-8918 Date 26 Jul 84	B. The statement of work lies within the purview of the initiating and approved agency programs S&T/EY, Alan B. Jacobs	Date 1-27-84
C. S&T/EY, Shirley A. Toth	Date 27 Jun 84	D. Funds for the services requested are available FUNDS RESERVED BY R. Hemphill POSTED 2/2/84	
E. S&T/PO, C. Kassebaum	Date 30 Jun '84		

16. For the cooperating country: The terms and conditions set forth herein are hereby agreed to

Signature \_\_\_\_\_ Date \_\_\_\_\_

17. For USAID/International Development

Signature Kenneth Milow Date 1/30/84

Title Ch, Program Div



**PART ONE: COMPLETE EACH BLOCK FOR BOTH NEW ASSISTANCE/ACQUISITION AND MODIFICATION ACTIONS**

3. Contract/Agreement Number: AID/DSAN-CA-0182 <i>Amend. No. 21</i>		5. Organization Symbol: VITA	
4. Contractor/Recipient Name: Volunteers in Technical Assistance		7. Project Officer's Name: A. Roan	
6. Project Title: Low Cost Energy Technologies		8. Organization Symbol: S&T/EY	
9. Requisitioning Document ID No: 936-5701-3631075		19. Budget Plan Code: DDAA-83-13600-AG11 App. 72-1131021.3, All. 343-36-099-00-20-31 <sup>5</sup>	
10. TYPE OF ACTION: A. New Acquisition/Assistance B. Continuation of activities set forth in a contractual document C. Revision of work scope/purpose of award		20. Country or Region of Performance: WORLDWIDE	
11. Amount of this PIO/T: U.S. \$ 1,000,000 (inc.)		21. Total Estimated Cost of the Contractual Document: U.S. \$ 9,989,000 <i>update 2/1/83 OK</i>	
12. Amount Obligated/Subobligated/Deobligated by this Action: U.S. \$ 1,000,000		22. Amount of Non-Federal Funds Pledged to the Project: U.S. \$ -0-	
13. Cumulative Obligation: U.S. \$ 5,739,201		23. Effective Date of this Action: 01/21/83	
14. This Action Funded Through: 08/30/83		24. Estimated Completion/Expiration Date: 08/30/84	
15. Date Contractual Documents Signed by AID Official: 01/21/83		25. Contractor DUNS Number: 	
16. Incrementally Funded Contract: Yes		26. Consultant Type Award: No	
17. Host Country/Counterpart Inst. (Univ. Contracts): N/A		27. Number of Person Months (PASA/RSSA only): N/A	
18. Campus Coordinator (Univ. Contracts): N/A		28. Number of Persons (PASA/RSSA only): N/A	
29. Negotiator's Typed Name Frank		30. Negotiator's Signature <i>Frank</i>	
32. Contract/Grant Officer's Organization Symbol: COD/AN		33. Contract/Grant Officer's Signature <i>[Signature]</i>	
		31. Date Signed: 01/21/83	
		34. Date Signed: / /	

**PART TWO COMPLETE EACH BLOCK FOR NEW ASSISTANCE/ACQUISITION ACTIONS ONLY**

35. CONTRACT TYPE: A. Fixed Price (Specify: FFP, FPRD, FPEPA, FPI) <input type="checkbox"/> B. Cost Reimbursement (Specify CR, CPFF, CS, CPAF, CPIF) <input type="checkbox"/> C. IQC & Requirements Contracts <input type="checkbox"/> D. Other <input type="checkbox"/>		37. SUBJECT TO STATUTORY REQUIREMENT: A. Walsh-Healey Act, Manufacturer* <input type="checkbox"/> B. Walsh-Healey Act, Regular Dealer* <input type="checkbox"/> C. Service Contract Act (U S ONLY - Guards, Maintenance, Laborers) <input type="checkbox"/> D. Davis-Bacon Act (Construction) <input type="checkbox"/> E. Not subject to Walsh-Healey; Service Contract or Davis-Bacon Act (Most AID Contracts) <input type="checkbox"/> * Equipment, Supplies, Materials, and Commodities	
36. ADVANCE: A. No Advance <input type="checkbox"/> B. Advance Non-FRLC <input type="checkbox"/> C. Advance FRLC <input type="checkbox"/>		38. Country of Manufacture: _____ (Specify)	

ORIGINAL

1. Amendment No. 21	2. Effective Date Date of Agreement Officer's Signature	3. Agreement No. AID/DSAN-CA-0182	4. Effective Date 31 August 1979
5. Recipient (Name and Address) Volunteers in Technical Assistance 1815 N. Lynn Street, Suite 200 Arlington, Virginia 22209		6. Administered by- JEF  Agreement Officer Agriculture/Nutrition Branch Central Operations Division Office of Contract Management Agency for International Development Washington, D.C. 20523	
7. PIO/T No - 3631075 Appropriation No. 72-1131021.3 Allotment Symbol 343-36-099-00-20-31 Budget Plan Code: DDAA-83-13600-AG11 Amt. Obligated Prior to this Am. \$4,739,201 Amt. Obl'g. by this Amendment \$1,000,000 Total Obligated Amount \$5,739,201		8. Previous PIO/T's-	

9. The above numbered agreement is hereby modified as follows to provide increment funding:

A. COVER PAGE

From "Amount Obligated," delete the amount "\$4,739,201" and substitute in lieu thereof the amount "\$5,739,201."

B. ARTICLE I - COOPERATIVE AGREEMENT

1. Delete from paragraph B. 1 the figure "\$4,739,201" and substitute in lieu thereof the figure "\$5,739,201."
2. Delete from paragraph B. 2 the figure "\$5,249,799" and substitute in lieu thereof the figure "\$4,249,799."

AID TECHNICAL OFFICE: ST/EY

ORIGINAL

10. This amendment is entered into pursuant to the authority of the Foreign Assistance Act of 1961, as amended. Except as herein provided, all terms and conditions of the agreement referenced in Block #3 remain unchanged and in full force and effect.

1. Recipient is required to sign this document and return 7 copies to issuing office.

2. RECIPIENT  
Volunteers in Technical Assistance  
  
BY: Ralph V. Gofney  
Ralph V. Gofney  
(Name typed or printed)

UNITED STATES OF AMERICA  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
FUNDS AVAILABLE  
BY: Morton Darwin 01/21/83  
Morton Darwin  
(Name typed or printed)  
Program Accts Division

TITLE: Dir. Finance and Administration

TITLE: Agreement Officer OFFICE OF FINANCIAL MANAGEMENT

DATE: 2-3-83

DATE: JAN 21 1983 10

C. ATTACHMENT A - PROGRAM DESCRIPTION

Under paragraph H. Reporting Requirements, add a new subparagraph "(3)" as follows:

- "(3) The Grantee will submit periodic progress reports in compliance with OMB Circular A-110. The progress reports may be incorporated into the regular quarterly reports and should address projections and progress compared to projections of the principal elements of activity, i.e., technology transfer including site consultancies and publications distribution; institution building through training; program implementation fund activity; and other significant activity as VITA elects."

Except as otherwise herein amended, the Cooperative Agreement, as previously amended, remains in full force and effect in accordance with its terms.

AID 1350-1 (10-79)	UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY AGENCY FOR INTERNATIONAL DEVELOPMENT	1. Cooperating Country Worldwide	Page 1 of 2 Pages
		2. PIO/T No. 31075	3. <input checked="" type="checkbox"/> Original or Amendment No. _____
		4. Project/Activity No. and Title Low Cost Energy Technologies (936-5701)	
		5. Appropriation Symbol 72-1131021.3	

DISTRIBUTION	6. Allotment Symbol and Charge DDAA-83-13600-AG11 (343-36-099-00-20-31)
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7. Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Implementing Document	8. Project Assistance Completion Date (Mo., Day, Yr.) 8/30/84
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9. Authorized Agent SER/CM	10. This PIO/T is in full conformance with PRO/AG Date N/A
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11a. Type of Action and Governing AID Handbook <input type="checkbox"/> AID Contract (HB 14) <input type="checkbox"/> PASA/RSSA (HB 12) <input type="checkbox"/> AID Grant (HB 13) <input checked="" type="checkbox"/> Other Cooperative Agreement	11b. Contract/Grant/PASA/RSSA Reference Number (if this is an Amendment) AID/DSAN-CA-0182
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12. Estimated Financing (A detailed budget in support of column (2) is attached as attachment no. _____)					
Maximum AID Financing	A. Dollars	(1) Previous Total --	(2) Increase 1,000,000	(3) Decrease --	(4) Total to Date 1,000,000
	B. U.S. Owned Local Currency				

13. Mission References

14a. Instructions to Authorized Agent  
This PIO/T provides FY 1983 incremental funding for the Cooperative Agreement with Volunteers in Technical Assistance (VITA). All terms and conditions remain the same with the exception of the following amendment: The grantee will submit periodic progress reports in compliance with OMB Circular A-110. The progress reports may be incorporated into the regular quarterly reports and should address projections and progress compared to projections of the principal elements of activity, i.e., technology transfer including site consultancies and publications distribution; institution building through training; program implementation fund activity; and other significant activity as VITA elects.

14b. Address of Voucher Paying Office  
AID/W

15. Clearances—Include typed name, office symbol, telephone number and date for all clearances.

A. The project office certifies that the specifications in the statement of work are technically adequate S&T/EY, A.R. Roan	Phone No. 235-8918 Date 12/14/82	B. The statement of work lies within the purview of the Initiating and Approving Agency S&T/EY, Alan B. Jacobs Date 12/14/82
C. S&T/PO, F. Campbell	Date 12/16/82	D. Funds for the services requested are available BY Date 12/21/82
E.	Date	

16. For the cooperating country. The terms and conditions set forth herein are hereby agreed to Signature _____ Date _____ Title _____	17. For the Agency for International Development Signature Kenneth A Milow Date 12/16/82 Title Chief, Prog Div, S&T/PO
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ESTIMATED BUDGET

1/1/83 - 12/31/83

1. Salaries and Benefits	330,000
2. Overseas Costs	20,000
3. Professional Fees and Consultants	15,000
4. Office Supplies and Expenses	20,000
5. Travel	55,000
6. Grants	250,000
7. Furniture and Equipment	
8. Other	<u>47,500</u>
	Total Direct Costs
	737,500
9. Indirect Costs	<u>262,500</u>
	TOTAL
	<u><u>1,000,000</u></u>

CONTRACT/AGREEMENT DATA SHEET	1. M/SER/CM/SD/SS Action Monitor:	2. Date PIO/T Received:
	L.B.	8 / 9 / 82

PART ONE: COMPLETE EACH BLOCK FOR BOTH NEW ASSISTANCE/ACQUISITION AND MODIFICATION ACTIONS

3. Contract/Agreement Number: AID/DSAN-CA-0182 <i>Amend. 20</i>		<i>Rec'd. for Validation 9/29/82</i>	
4. Contractor/Recipient Name: <i>Volunteers in Technical Assistance</i>		5. Organization Symbol: VITA	
6. Project Title: LAC Regional Energy Resource Development			
7. Project Officer's Name: C. Duisberg		8. Organization Symbol: LAC/DR	
9. Requisitioning Document ID No: 598-606-1-6521348		19. Budget Plan Code: LDAA-82-35598-DG12 App. 72-1121021.6, A11. 246-65-598-00-69-21	
10. TYPE OF ACTION: A. New Acquisition/Assistance B. Continuation of activities set forth in a contractual document C. Revision of work scope/purpose of award		20. Country or Region of Performance: <i>Worldwide (CA) Car St. Lucia (this amend.)</i>	
11. Amount of this PIO/T: U.S. \$ <u>60,000 (inc.)</u>		21. Total Estimated Cost of the Contractual Document: U.S. \$ <u>9,989,000</u>	
12. Amount Obligated/Subobligated/Deobligated by this Action: U.S. \$ <u>60,000</u>		22. Amount of Non-Federal Funds Pledged to the Project: U.S. \$ <u>—</u>	
13. Cumulative Obligation: U.S. \$ <u>4,739,201</u>		23. Effective Date of this Action: <u>9/29/82</u>	
14. This Action Funded Through: <u>8/30/84</u>		24. Estimated Completion/Expiration Date: <u>8/30/84</u>	
15. Date Contractual Documents Signed by AID Official: <u>9/29/82</u>		25. Contractor DUNS Number: _____	
16. Incrementally Funded Contract: <u>yes</u>		26. Consultant Type Award: <u>No</u>	
17. Host Country/Counterpart Inst. (Univ. Contracts): <u>N/A</u>		27. Number of Person Months (PASA/RSSA only): <u>N/A</u>	
18. Campus Coordinator (Univ. Contracts): <u>N/A</u>		28. Number of Persons (PASA/RSSA only): <u>N/A</u>	
29. Negotiator's Typed Name: <u>FRAME</u>		30. Negotiator's Signature: <i>[Signature]</i>	
32. Contract/Grant Officer's Organization Symbol. COD/AN		33. Contract/Grant Officer's Signature: <i>[Signature]</i>	
		31. Date Signed: <u>9/29/82</u>	
		34. Date Signed: <u> / /</u>	

PART TWO: COMPLETE EACH BLOCK FOR NEW ASSISTANCE/ACQUISITION ACTIONS ONLY

35. CONTRACT TYPE: A. Fixed Price (Specify: STAT Section FFP, FPRD, FPEPA, FPI) <input type="checkbox"/> B. Cost Reimbursement (Specify: CR, CPFF, CS, CPAF, CPIF) <i>OCT 20 1982 NEW ENTERED</i> <input type="checkbox"/> C. IQC & Requirements Contracts		37. SUBJECT TO STATUTORY REQUIREMENT: <input type="checkbox"/> A. Walsh-Healey Act, Manufacturer* B. Walsh-Healey Act, Regular Dealer* C. Service Contract Act (U.S. ONLY - Guards, Maintenance, Laborers) D. Davis-Bacon Act (Construction) E. Not subject to Walsh Healey; Service Contract or Davis-Bacon Act (Most AID Contracts) * Equipment, Supplies, Materials, and Commodities	
36. ADVANCE: <input type="checkbox"/> A. No Advance B. Advance Non-FRLC C. Advance FRLC		38. Country of Manufacture: _____ (Specify)	

OCT 20 1982

JEF

ORIGINAL

Mr. Ralph Gofney, Controller  
Volunteers in Technical Assistance  
1815 N. Lynn Street, Suite 200  
Arlington, Virginia 22209

SEP. 29 1982

Subject: Cooperative Agreement No.  
AID/DSAN-CA-0182  
Amendment No. 20

Dear Mr. Gofney:

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 hereby amends the subject Cooperative Agreement to provide incremental funds for a subgrant to the Foundation for the Protection of Reefs and Islands from Degradation (PRIDE Foundation), as more fully described in the attached Statement of Work. This subgrant is authorized under paragraph D. (2), entitled "Equipment Subgrants," of the Program Description of the Basic Agreement.

A. COVER PAGE

From "Amount Obligated," delete the amount "\$4,679,201" and substitute in lieu thereof the amount "\$4,739,201."

B. ARTICLE I - COOPERATIVE AGREEMENT

1. Delete from paragraph B.1 the figure "\$4,679,201" and substitute in lieu thereof the figure "\$4,739,201."
2. Delete from paragraph B.2 the figure "\$5,309,799" and substitute in lieu thereof the figure "\$5,249,799."

Except as expressly herein amended, the Cooperative Agreement, as previously amended, remains in full force and effect in accordance with its terms.

FUNDS AVAILABLE

SEP 30 1982

Program Acctg. Division  
OFFICE OF FINANCIAL MANAGEMENT

ORIGINAL

To acknowledge your acceptance, please sign the original and eight (8) copies of this amendment in the space provided below and return the original and seven (7) copies to this office, making certain to return all copies marked "Funds Available."

Sincerely yours,



Morton Darvin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division.  
Office of Contract Management

ACCEPTED

Volunteers in Technical Assistance

BY: Ralph Lopez

TITLE: Controller

DATE: October 10, 1982

Fiscal Data for Amendment No. 20

Amount Obligated	:\$60,000
Total Obligated Amount	:\$4,739,201
Appropriation No.	:72-1121021.6
Allotment No.	:LDAA-82-35598-DG12 (246-65-598-00-69-21)
Project No.	:598-0606
PIO/T No.	:6521348
Total Estimated Cost	:\$9,989,000

FUNDS AVAILABLE

SEP 30 1982  
\$4190  
Program Acctg. Division  
OFFICE OF FINANCIAL MANAGEMENT



## STATEMENT OF WORK

### A. OBJECTIVE OF AMENDMENT TO COOPERATIVE AGREEMENT (AID/DSAN-CA-0180)

1. To enable VITA to make a grant to the Foundation for the Protection of Reefs and Islands from Degradation (PRIDE FOUNDATION, Miami, Florida) for the purchase of a wind generator, foundation concrete, and rebar, batteries, controls, connectors, inverter, and monitoring equipment as specified in the proposal budget.
2. Amendment amount requested by VITA is \$60,000.00., as specified in budget, to be used for the purchase of equipment by the Sub-Grantee.

### B. PROJECT PURPOSE

1. Provide reliable electric power to the Pigeon Island National Park, St. Lucia, with a wind electric system.
2. Assist the Park to expand its operation providing a boost to local education, local tourism, and conservation of historic and natural resources.
3. Assist the Park in the creation of new jobs in the restaurant, craft shops, etc.
4. Demonstrate the technical and economic viability of wind electric power systems for remote commercial operations.
5. Monitor technical and economic factors in system installation, operation and maintenance to provide concrete evidence of viability for this type of system, to encourage replication.
6. Provide technical training to St. Lucian officials and technicians on general wind system parameters, system operation, and maintenance, to encourage long system operation, and to increase replication possibilities.

### C. SCOPE OF WORK (INSTITUTIONAL ROLES)

Project activities will be divided among the participating organizations involved in the project. VITA's scope of work, along with that of others is listed below:

## 1. VITA

- a. Serve as grantor for disbursement of AID grant funds to other organizations.
- b. Provide technical assistance:
  - 1) Oversee erection of wind system with PRIDE and on-the-job training to St. Lucian technicians (St. Lucia National Trust),
  - 2) Select and supervise installation of monitoring and evaluation equipment, and,
  - 3) Assist in system design and exact equipment specifications.
- c. Present education sessions in St. Lucia on the wind system to the St. Lucian business, development and financial community, possibly with the use of videotape equipment.
- d. Prepare an evaluation report outlining technical performance, economic factors, institutional issues and public response to the demonstration.
- e. Maintain liaison with AID and present financial reports.

## 2. PRIDE

- a. Serve as Project Coordinator by facilitating communication and project scheduling, including securing commitments of St. Lucian counterparts.
- b. Procure and arrange for shipment of project hardware from VITA grant funds.
- c. Provide technical assistance:
  - 1) Provide foundation drawings and all other installation procedures and specifications,
  - 2) Provide the system design and exact specifications,
  - 3) Oversee erection, commissioning of the wind system, and on-the-job training.

## 3. PADF

- a. Endeavor to acquire tools, diesel generator, other equipment applicable to the project.
- b. Utilize PADF's ocean freight shipment program to defray overseas costs from point of embarkation to St. Lucia.

4. ST. LUCIA NATIONAL DEVELOPMENT CORPORATION (NDC)

- a. Project Coordinator of efforts of the various institutions on St. Lucia as noted below.
- b. Handle all public relations aspects of the project, including educational sessions, radio.
- c. Coordinate efforts towards future replication of the system and the general development of wind energy in St. Lucia.
- d. Handle all importation formalities, including customs and duty waivers.
- e. Coordinate power distribution materials donation and shipment from the Venezuelan government.

5. ST. LUCIA NATIONAL TRUST

- a. Carry out all physical construction of wind system, diesel back-up generator and power distribution system with assistance from the Environmental Engineering, Ltd., and the St. Lucia Government Electric Department, with VITA and PRIDE. This will include distribution system design, installation, foundation construction tower and wind generator erection, system interconnection and commissioning.
- b. Accept and carry out system operation and maintenance responsibilities over the life of the system.
- c. Facilitate educational and training efforts with the assistance of the NDC.

D. REPORTS

1. VITA will prepare project reports in month 12 and month 18 of the project
  - a. VITA will take the lead role in monitoring and reporting on the project: to comply with donor financial reporting requirements and to document experiences on technical, economic and institutional issues that will allow others to learn from this effort.

BUDGET FOR AID CONTRIBUTION (FIRST COLUMN)

VI. <u>BUDGET</u>	AID	VITA	PRIDE	PADF	St. Lucia Nat.Trust (In kind)	St. Lucia NDC (In kind)	Gov't Vene- zuela (In kind)	TOTAL
A. <u>Hardware</u>								
1. <u>Wind generator, tower, base guy wires, erection device</u>	\$37,900							\$37,900
2. <u>Foundation concrete and rebar</u>	1,000							1,000
3. <u>Batteries</u>	9,000							9,000
4. <u>Inverter, with battery charger, auto start and controls</u>	6,336							6,336
5. <u>Miscl. connectors</u>	1,000							1,000
6. <u>Stand-by diesel generator</u>					5,000			5,000
7. <u>Freight from USA</u>				3,300				3,300
8. <u>Distribution system and freight</u>							22,800	22,800
9. <u>Lead-in cable and freight</u>							3,200	3,200
10. <u>Tools</u>				1,000				1,000
11. <u>Monitoring equipment</u>	3,000							3,000
<b>SUBTOTAL "A"</b>	<b>\$58,236</b>			<b>\$4,300</b>	<b>\$5,000</b>		<b>\$26,000</b>	<b>\$93,536</b>

continued...

20.

	AID	VITA	PRIDE	PADF	St. Lucia Nat. Trust (In kind)	St. Lucia (NDC) (In kind)	Vene- zuela (In kind)	TOTAL
<b>B. <u>Local Labor</u></b>								
1. Wind hardware installation					\$4,000			\$4,000
2. Distribution installation					4,000			4,000
3. Project coordination						\$4,000		4,000
4. Education						3,000		3,000
<b>SUBTOTAL "B"</b>					<b>\$8,000</b>	<b>\$7,000</b>		<b>\$15,000</b>

**C. Technical Assistance  
and Education**

**1. VITA**

a. Wind energy specialist 3 months		\$6,300						\$6,300
b. Director Regional Operations Latin America/Caribbean (1 mo.)		3,250						3,250
c. Office support (4 mo.)		1,420						1,420
d. Fringe (30%), occupancy (12%)		2,226						2,226
e. Travel								2,400
--4 trips		2,400						4,166
--per diem		4,166						
f. Office expenses		500						500
g. Overhead (32% of above)		4,668						4,668

continued...

	AID	VITA	PRIDE	PADF	St. Lucia Nat.Trust (In kind)	St. Lucia NDC (In kind)	Gov't Vene- zuela (In kind)	TOTAL
<b>2. PRIDE</b>								
Staff time, travel			\$10,000					\$10,000
SUBTOTAL "C"		\$24,930	10,000					\$34,930
TOTAL OF SUBTOTALS A+B+C	\$58,236	\$24,930	\$10,000	\$4,300	\$13,000	\$7,000	\$26,000	\$144,466
Variance Factor (3%)		1,747						1,747
TOTAL	\$59,983	\$24,930	\$10,000	\$4,300	\$13,000	\$7,000	\$26,000	\$146,213
"say"	\$60,000							

2:2

AID 1350-1 (10-79)  PIO/T	UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY AGENCY FOR INTERNATIONAL DEVELOPMENT  PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	1. Cooperating Country LAC Regional	Page 1 of 7 Pages
		2. PIO/T No. 598-606-1-6521348	3. <input checked="" type="checkbox"/> Original or Amendment No. _____
		4. Project/Activity No. and Title LAC Regional Energy Resource Development 598-0606	

DISTRIBUTION	5. Appropriation Symbol 72-1121021.6		6. Allotment Symbol and Charge LDAA-82-35598-DG12 (246-65-598-00-69-21)	
	7. Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Implementing Document		8. Project Assistance Completion Date (Mo., Day, Yr.):	
	9. Authorized Agent AID/W		10. This PIO/T is in full conformance with PRO/AG Date _____	
	11a. Type of Action and Governing AID Handbook <input type="checkbox"/> AID Contract (HB 14) <input type="checkbox"/> PASA/RSSA (HB 12) <input checked="" type="checkbox"/> AID Grant (HB 13) <input type="checkbox"/> Other		11b. Contract/Grant/PASA/RSSA Reference Number (if this is an Amendment) AID-DSAN-CA-0182	
	12. Estimated Financing (A detailed budget in support of column (2) is attached as attachment no. _____)			

Maximum AID Financing	A. Dollars	(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
					60,000
	B. U.S. Owned Local Currency				

13. Mission References	14a. Instructions to Authorized Agent  Please amend the AID-VITA Cooperative Agreement (AID-DSAN-CA-0182) as shown in the attached statement of work and budget (page 5). All other provisions in the Cooperative Agreement other than those stipulated in the following, remain the same.
	14b. Address of Voucher Paying Office  FM/PAD

FUNDS RESERVED BY  
KT 4/90  
POSTED 8/4/82  
SER/FM/CSD

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 are technically adequate LAC/DR, C. Duisberg (D)	Phone No. _____ Date 7/21/82	B. The statement of work lies within the purview of the initiating and approved agency programs LAC/DP, B. COOK	Date 7/21/82
C. LAC/DR, J. Smith 77-5 LAC/CAR, S. Merrill 77-1 6 Hill	Date 23 3/4 82 7/23/82	D. Funds for the services requested are available	
E. S&T/EY, R. Roan  LAC/DR, I. Levy	Date _____		

16. For the cooperating country The terms and conditions set forth herein are hereby agreed to  Signature _____ Date _____ Title _____	17. For the Agency for International Development  Signature Dwight Johnson Date July 29, 1982 Title Director, LAC/DR
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STATEMENT OF WORK

A. OBJECTIVE OF AMENDMENT TO COOPERATIVE AGREEMENT (AID/DSAN-CA-0180)

1. To enable VITA to make a grant to the Foundation for the Protection of Reefs and Islands from Degradation (PRIDE FOUNDATION, Miami, Florida) for the purchase of a wind generator, foundation concrete, and rebar, batteries, controls, connectors, inverter, and monitoring equipment as specified in the proposal budget.
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3. Assist the Park in the creation of new jobs in the restaurant, craft shops, etc.
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5. Monitor technical and economic factors in system installation, operation and maintenance to provide concrete evidence of viability for this type of system, to encourage replication.
6. Provide technical training to St. Lucian officials and technicians on general wind system parameters, system operation, and maintenance, to encourage long system operation, and to increase replication possibilities.

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Project activities will be divided among the participating organizations involved in the project. VITA's scope of work, along with that of others is listed below:



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  - 1) Oversee erection of wind system with PRIDE and on-the-job training to St. Lucian technicians (St. Lucia National Trust),
  - 2) Select and supervise installation of monitoring and evaluation equipment, and,
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- c. Present education sessions in St. Lucia on the wind system to the St. Lucian business, development and financial community, possibly with the use of videotape equipment.
- d. Prepare an evaluation report outlining technical performance, economic factors, institutional issues and public response to the demonstration.
- e. Maintain liaison with AID and present financial reports.

2. PRIDE

- a. Serve as Project Coordinator by facilitating communication and project scheduling, including securing commitments of St. Lucian counterparts.
- b. Procure and arrange for shipment of project hardware from VITA grant funds.
- c. Provide technical assistance:
  - 1) Provide foundation drawings and all other installation procedures and specifications,
  - 2) Provide the system design and exact specifications,
  - 3) Oversee erection, commissioning of the wind system, and on-the-job training.

3. PADF

- a. Endeavor to acquire tools, diesel generator, other equipment applicable to the project.
- b. Utilize PADF's ocean freight shipment program to defray overseas costs from point of embarkation to St. Lucia.

4. ST. LUCIA NATIONAL DEVELOPMENT CORPORATION (NDC)

- a. Project Coordinator of efforts of the various institutions on St. Lucia as noted below.
- b. Handle all public relations aspects of the project, including educational sessions, radio.
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BUDGET FOR AID CONTRIBUTION (FIRST COLUMN)

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5. <u>Miscl. connectors</u>	1,000							1,000
6. <u>Stand-by diesel generator</u>					5,000			5,000
7. <u>Freight from USA</u>				3,300				3,300
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10. <u>Tools</u>				1,000				1,000
11. <u>Monitoring equipment</u>	3,000							3,000
<b>SUBTOTAL "A"</b>	<b>\$58,236</b>			<b>\$4,300</b>	<b>\$5,000</b>		<b>\$26,000</b>	<b>\$93,536</b>

continued...

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	AID	VITA	PRIDE	PADF	St. Lucia Nat.Trust (In kind)	St. Lucia (NDC) (In kind)	Gov't Vene- zuela (In kind)	TOTAL
<b>B. <u>Local Labor</u></b>								
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2. Distribution installation					4,000			4,000
3. Project coordination						\$4,000		4,000
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<b>SUBTOTAL "B"</b>					<b>\$8,000</b>	<b>\$7,000</b>		<b>\$15,000</b>
<b>C. <u>Technical Assistance and Education</u></b>								
<b>1. VITA</b>								
a. Wind energy specia- list 3 months		\$6,300						\$6,300
b. Director Regional Operations Latin America/Caribbean (1 mo.)		3,250						3,250
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d. Fringe (30%), occupancy (12%)		2,226						2,226
e. Travel								
--4 trips		2,400						2,400
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continued...

	AID	VITA	PRIDE	PADF	St. Lucia Nat.Trust (In kind)	St. Lucia NDC (In kind)	GOV'T Vene- zuela (In kind)	TOTAL
2. PRIDE								
Staff time, travel			\$10,000					\$10,000
SUBTOTAL "C"		\$24,930	10,000					\$34,930
TOTAL OF SUBTOTALS A+B+C	\$58,236	\$24,930	\$10,000	\$4,300	\$13,000	\$7,000	\$26,000	\$144,466
Variance Factor (3%)	1,747							1,747
TOTAL	\$59,983	\$24,930	\$10,000	\$4,300	\$13,000	\$7,000	\$26,000	\$146,213
"say"	\$60,000							

**PART ONE: COMPLETE EACH BLOCK FOR BOTH NEW ASSISTANCE/ACQUISITION AND MODIFICATION ACTIONS**

3. Contract/Agreement Number: <u>AID/DSAN-CA-0182, Amend. No. 19</u>												
4. Contractor/Recipient Name: <u>VITA Volunteers in Technical Assistance</u>		5. Organization Symbol: <u>VITA</u>										
6. Project Title: <u>Sahel Regional Aid Coordination and Planning Project</u>												
7. Project Officer's Name: <u>Glenn Slocum</u>		8. Organization Symbol: <u>AFR/DR/SWAP</u>										
9. Requisitioning Document ID No: <u>625-0911-3-00073</u>		19. Budget Plan Code: <u>GSHX-80-21686-KG17</u> App. <u>72-11X1012</u>										
10. TYPE OF ACTION: A. New Acquisition/Assistance B. Continuation of activities set forth in a contractual document C. Revision of work scope/purpose of award <div style="text-align: right; border: 1px solid black; padding: 2px; width: 30px; float: right;">B</div>		20. Country or Region of Performance: <u>WORLDWIDE - CA</u> <u>SAHEL - This Amend.</u>										
11. Amount of this PIO/T: U.S. \$ <u>160,000 (inc.)</u>		21. Total Estimated Cost of the Contractual Document: U.S. \$ <u>9,989,000</u>										
12. Amount Obligated/ Subobligated/ Deobligated by this Action: U.S. \$ <u>160,000</u>		22. Amount of Non-Federal Funds Pledged to the Project: U.S. \$ <u>- 0 -</u>										
13. Cumulative Obligation: U.S. \$ <u>11,679,201</u>		23. Effective Date of this Action: <u>08/03/82</u>										
14. This Action Funded Through: <u>06/30/84</u>		24. Estimated Completion/Expiration Date: <u>08/30/84</u>										
15. Date Contractual Documents Signed by AID Official: <u>08/03/82</u>		25. Contractor DUNS Number: <table border="1" style="width:100%; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>										
16. Incrementally Funded Contract: <u>yes</u>		26. Consultant Type Award: <u>NO</u>										
17. Host Country/ Counterpart Inst.: (Univ. Contracts) <u>N/A</u>		27. Number of Person Months: (PASA/RSSA only) <u>N/A</u>										
18. Campus Coordinator: (Univ. Contracts) <u>N/A</u>		28. Number of Persons: (PASA/RSSA only) <u>N/A</u>										
29. Negotiator's Typed Name: <u>Frceme</u>		30. Negotiator's Signature: <u>[Signature]</u>										
32. Contract/Grant Officer's Organization Symbol: <u>COD/AN</u>		33. Contract/Grant Officer's Signature: <u>[Signature]</u>										
		31. Date Signed: <u>08/11/82</u>										
		34. Date Signed: <u>  /  /  </u>										

**PART TWO: COMPLETE EACH BLOCK FOR NEW ASSISTANCE/ACQUISITION ACTIONS ONLY**

35. CONTRACT TYPE: A. Fixed Price (Specify: FFP, FPRD, FPEPA, FPI) <input type="checkbox"/>  B. Cost Reimbursement (Specify: CR, CPFF, CS, CPAF, CPIF)  C. IQC & Requirements Contracts		37. SUBJECT TO STATUTORY REQUIREMENT: <input type="checkbox"/> A. Walsh-Healey Act, Manufacturer* <input type="checkbox"/> B. Walsh-Healey Act, Regular Dealer* <input type="checkbox"/> C. Service Contract Act (U.S. ONLY - Guards, Maintenance, Laborers) D. Davis-Bacon Act (Construction) E. Not subject to Walsh-Healey; Service Contract or Davis-Bacon Act (Most AID Contracts) * Equipment, Supplies, Materials, and Commodities	
36. ADVANCE: A. No Advance <input type="checkbox"/> B. Advance Non-FRLC C. Advance FRLC		38. Country of Manufacture: _____ (Specify)	

ORIGINAL

JEF

AUG 3 1982

Mr. Ralph Gofney  
Controller  
Volunteers in Technical  
Assistance  
1815 N. Lynn Street, Suite 200  
Arlington, Virginia 22209

Subject: Cooperative Agreement No.:  
AID/DSAN-CA-0182  
Amendment No. 19

Dear Mr Gofney:

Pursuant to the authority contained in the Foreign Assistance Act of 1961, as amended, and the Federal Grant and Cooperative Agreement of 1977, the Agency for International Development hereby amends the subject Cooperative Agreement to provide incremental funds to extend the services of an energy/fuelwood advisor to the Interstate Committee for Drought Control in the Sahel (CILSS) for an additional two years, through 30 June 1984.

A. COVER PAGE

From "Amount Obligated," delete the amount "\$4,519,201" and substitute in lieu thereof the amount "\$4,679,201."

B. ARTICLE I - COOPERATIVE AGREEMENT

1. Delete from paragraph B. 1 the figure \$4,519,201 and substitute in lieu thereof the figure \$4,679,201.
2. Delete the paragraph B.2 the figure \$5,469,799 and substitute in lieu thereof the figure \$5,309,799.

ORIGINAL

C. PROGRAM DESCRIPTION

To "C. 4. Specific Objectives - Regional Appropriate Technology Coordinator" add the following:

"CILSS/VITA Regional Technical Coordinator for Fuel - Conserving Technologies, resident in Ouagadougou. His responsibilities will be:

1982 - 83

--Follow up regional session of May 1982 with visits to each participating country to ensure that national stove committees/coordinating bodies are in place.

--Convene 6 national Sahel woodstoves training sessions, continuing the series initiated by CILSS in 1981-82, to provide ongoing technical assistance to national coordinating bodies.

--Maintain contacts with stove development agencies/institutions through correspondence, travel, and attendance at woodstoves technical sessions.

--Publish 4 quarterly issues of the French-language woodstoves bulletin Flamme, initiated by the CILSS woodstoves team in 1981, to inform Sahelian stove technicians of developments in stove technology. Provide copies of stove bulletin and occasional technical papers to AID/Sahel mission directors, REDSO/WA, AID/S&T/EY and AID/Africa Bureau.

--Establish, through continued research, testing, and analysis, prototype stove models for promotion in each participating country. As part of this effort, continue materials testing to optimize stove strength and durability.

--Through extensive regional travel, advise local and national stove groups in their research efforts, to standardize test data and assist with establishing centralized data analysis capabilities.

--Help set national goals and develop plans for large scale dissemination in 6 CILSS member countries.

--Submit through VITA annual report of accomplishments to AID/Office of the Sahel.



1983-84

-- Help achieve national and regional goals in wood fuel conservation and improved stove development, by assisting with the implementation of plans for large scale stove dissemination, including:

local radio and newspaper coverage of the problems and proposed solutions; posters, TV broadcasts, films and videotapes

published manuals in local languages on how to construct tested stove models

demonstration of improved stoves at local artisanal or technical centers

establishment and support of mobile stove training teams, local entrepreneurs and artisans

integration of stove projects into larger rural development, women in development, and other programs

--Convene second regional stoves session to support national dissemination efforts, exchange ideas, and develop long-term regional stove strategy.

--Follow up on the second regional stove session by traveling to 6 participating CILSS countries to assist with national dissemination activities.

--Publish 4 quarterly issues of Flamme woodstoves bulletin,

--Prepare final report to AID/Office of the Sahel which assesses accomplishments and provides recommendation for continued activities that AID might consider for support.

No administrative or logistic support will be provided to the VITA Advisor from the Mission with the exception of using communication facilities for informing AID/W and other USAIDs of project-related matters.

Except as expressly herein amended, the Cooperative Agreement, as previously amended, remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign the original and eight (8) copies of this amendment in the space provided below and return the original and seven (7) copies to this office, making certain to return all copies marked "Funds Available."

Sincerely yours,

*for* Donald N. Lake  
Morton Darvin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED:

VOLUNTEERS IN TECHNICAL ASSISTANCE

BY: *Ralph Sperry*

TITLE: *Controller*

DATE: *8/9/82*

Fiscal Data

Amount Obligated by this Amendment: \$160,000  
Total Obligated Amount: \$4,679,201  
Appropriation No.: 72-11X1012  
Allotment No.: GSHX-80-21686-KG17  
Project No.: 625-0911  
PIO/T No.: 625-0911-3-00073  
Total Estimated Cost: \$9,989,000

AID 1350-1 (10-79)	UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY AGENCY FOR INTERNATIONAL DEVELOPMENT	1. Cooperating Country Sahel Regional	Page 1 of 6 Pages
		2. PIO/T No. 625-0911-3-00073	3. <input checked="" type="checkbox"/> Original or Amendment No. _____
		4. Project/Activity No. and Title 625-0911 Sahel Regional Aid Coordination and Plan- ning Project	

DISTRIBUTION	5. Appropriation Symbol 72-11X1012		6. Allotment Symbol and Charge GSHX-80-21686-KG17	
	7. Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Implementing Document		8. Project Assistance Completion Date (Mo., Day, Yr.) 09/30/85	
	9. Authorized Agent SER/CM/COD		10. This PIO/T is in full conformance with PRO/AG Date N/A	
	11a. Type of Action and Governing AID Handbook <input type="checkbox"/> AID Contract (HB 14) <input type="checkbox"/> PASA/RSSA (HB 12) <input type="checkbox"/> AID Grant <input checked="" type="checkbox"/> Other Cooperative Agreement		11b. Contract/Grant/PASA/RSSA Reference Number (if this is an Amendment) AID/STAN-CA-0182	
	12. Estimated Financing (A detailed budget in support of column (2) is attached as attachment no. <u>2</u> )			

Maximum AID Financing	A. Dollars	(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
					160,000
	B. U.S. Owned Local Currency				

13. Mission  
References  
  
Ouagadougou  
3048

14a. Instructions to Authorized Agent  Amend the AID Cooperative Agreement with VITA to permit extend the services of the energy/fuelwood adviser at the CILSS for two more years.
14b. Address of Voucher Paying Office  AFR/DR/SWAF, G. SLOCUM AID/W

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 are technically adequate Glenn Slocum, AFR/DR/SWAF Date 6/17/82	Phone No. 26330	B. The statement of work lies within the purview of the initiating and approved agency program AFR/SWA/SDP, James P. [Signature] Date 6/17/82
C. [Signature] Jonathan McCabe, AFR/DR/SWAF Date 6/18/82		D. Funds for the services requested are available Mission funded
E. Normanno Caticchio, AFR/DR Date [Signature]		

16. For the cooperating country The terms and conditions set forth herein are hereby agreed to  Signature _____ Date _____ Title N/A	17. For the Agency for International Development  Signature [Signature] Date 6/21/82 Title Acting Director, AFR/PD
---	---

logged 6-22-82 e

AID 1350-1 (10-79)  PIO/T	1. Cooperating Country Sahel Regional	2. PIO/T No. 625-0911-3-00073	Page 2 of 6 Pages
	4. Project/Activity No. and Title 625-0911 Sahel Regional Aid Coordination and Planning		

**SCOPE OF WORK**

18. THE SCOPE OF TECHNICAL SERVICES REQUIRED FOR THIS PROJECT ARE DESCRIBED IN ATTACHMENT NUMBER 1 HERETO ENTITLED "STATEMENT OF WORK".

**19. SPECIAL PROVISIONS**

- A.  LANGUAGE REQUIREMENTS (SPECIFY) S-2, B-2, French  
(IF MARKED, TESTING MUST BE ACCOMPLISHED BY AID TO ASSURE DESIRED LEVEL OF PROFICIENCY)
- B.  ACCESS TO CLASSIFIED INFORMATION  WILL  WILL NOT BE REQUIRED BY TECHNICIAN(S).
- C.  DUTY POST(S) AND DURATION OF TECHNICIANS' SERVICES AT POST(S) (MONTHS) 24 months
- D.  DEPENDENTS  WILL  WILL NOT BE PERMITTED TO ACCOMPANY TECHNICIAN.
- E.  WAIVER(S) HAVE BEEN APPROVED TO ALLOW THE PURCHASE OF THE FOLLOWING ITEM(S) (COPY OF APPROVED WAIVER IS ATTACHED)
- F.  COOPERATING COUNTRY ACCEPTANCE OF THIS PROJECT (APPLICABLE TO AID/W PROJECTS ONLY)  
 HAS BEEN OBTAINED  HAS NOT BEEN OBTAINED  
 IS NOT APPLICABLE TO SERVICES REQUIRED BY PIO/T
- G.  OTHER (SPECIFY)  
 Technical proficiency in woodstoves research and design;  
 knowledge of and capability in generalized appropriate technology  
 research and design

**20 BACKGROUND INFORMATION (ADDITIONAL INFORMATION USEFUL TO AUTHORIZED AGENT)**

A woodstoves/fuelwood adviser has served on the staff of the Interstate Committee for Drought Control in the Sahel (CILSS), a Sahel regional African organization composed of eight countries in West Africa, for two years. His replacement will continue the tasks of serving as coordinator of the CILSS regional woodstoves project and of other appropriate technology activities currently being implemented by the CILSS.

**21. SUMMARY OF ATTACHMENTS ACCOMPANY THE PIO/T (INDICATE ATTACHMENT NUMBER IN BLANK)**

- 2 DETAILED BUDGET IN SUPPORT OF INCREASED FUNDING (BLOCK 12)
- \_\_\_\_\_ EVALUATION CRITERIA FOR COMPETITIVE PROCUREMENT (BLOCK 14)
- \_\_\_\_\_ JUSTIFICATION FOR NON-COMPETITIVE PROCUREMENT (BLOCK 14)
- 1 STATEMENT OF WORK (BLOCK 18)
- \_\_\_\_\_ WAIVER(S) (BLOCK 19) (SPECIFY NUMBER)

AID 1350-1 (10-79)	1. Cooperating Country Sahel Regional	2. PIO/T No. 625-0911-3- 00073	Page 3 of 6 Pages
	4. Project/Activity No. and Title 625-0911 Sahel Regional Aid Coordination and Planning		

22. Relationship of Contractor or Participating Agency to Cooperating Country and to AID

A. Relationships and Responsibilities VITA, under a Cooperative Agreement with A.I.D., provides technical assistance services in the field of appropriate technology in energy areas. The person VITA nominates to replace the current adviser to the CILSS will act under the direction of the CILSS in Ouagadougou, Upper Volta and of VITA headquarters in Rosslyn, Virginia.

B. Cooperating Country Liaison Official  
To be provided by the CILSS, with the approval of the CILSS Executive Secretary

C. AID Liaison Officials Samir Zoghby, USAID/Upper Volta.  
Glenn Slocum, AFR/DR/SWAP, AID/Washington  
James Procopis, AFR/SWA/SDP, AID/Washington

LOGISTIC SUPPORT

23. Provisions for Logistic Support	IN KIND SUPPLIED BY		FROM LOCAL CURRENCY SUPPLIED BY		TO BE PROVIDED OR ARRANGED BY SUPPLIER
	AID	COOPERATING COUNTRY	AID	COOPERATING COUNTRY	
A. Specific Items (Insert "X" in applicable column at right. If entry needs qualification, insert asterisk and explain below in C. "Comments")					
(1) Office Space					*
(2) Office Equipment					*
(3) Housing and Utilities					X
(4) Furniture					X
(5) Household Equipment (Stoves, Refrig., etc.)					X
(6) Transportation in Cooperating Country					X
(7) Transportation To and From Country					X
(8) Interpreter Services/Secretarial	*				
(9) Medical Facilities					X
(10) Vehicles (official)					X
(11) Travel Arrangements/Tickets					X
(OTHER SPECIFY)					
(12)					
(13)					
(14)					
(15)					

B. Additional Facilities Available From Other Sources

APO/FPO

PX

COMMISSARY

OTHER (Specify, e.g., duty free entry, tax exemption)

C. Comments: \*denotes item supplied in part or in full by other donor funds.

Other Donors: Office and furnishings/equipment

VITA: Home office support, translation and office supplies in Ouagadougou, Stove prototype construction materials and equipment

A.ID.: Intraregional and international air travel  
Technical counterpart

Statement of Work

CILSS/VITA Regional Technical Coordinator for Fuel-Conserving Technologies, resident in Ouagadougou. His responsibilities will be to:

## YEAR ONE

. Follow up regional session of May 1982 with visits to each participating country to ensure that national stove committees/coordinating bodies are in place

. Convene 6 national Sahel woodstoves training sessions, continuing the series initiated by CILSS in 1981-82, to provide ongoing technical assistance to national coordinating bodies

. Maintain contacts with stove development agencies/institutions through correspondence, travel, and attendance at woodstoves technical sessions

. Publish 4 quarterly issues of the French-language woodstoves bulletin Flamme, initiated by the CILSS woodstoves team in 1981, to inform Sahelian stove technicians of developments in stove technology. Provide copies of stove bulletin and occasional technical papers to AID/Sahel mission directors, REDSO/WA, AID/DS/S&T, and AID/Africa Bureau.

. Establish, through continued research, testing, and analysis, prototype stove models for promotion in each participating country. As part of this effort, continue materials testing to optimize stove strength and durability

. Through extensive regional travel, advise local and national stove groups in their research efforts, to standardize test data and assist with establishing centralized data analysis capabilities

. Help set national goals and develop plans for large scale dissemination in 6 CILSS member countries

. Submit through VITA annual report of accomplishments to AID/Office of the Sahel.

## CILSS Technical Coordinator - 2

## YEAR TWO

. Help achieve national and regional goals in wood fuel conservation and improved stove development, by assisting with the implementation of plans for large scale stove dissemination, including:

local radio and newspaper coverage of the problems and proposed solutions; posters, TV broadcasts, films and videotapes

published manuals in local languages on how to construct tested stove models

demonstration of improved stoves at local artisanal or technical centers

establishment and support of mobile stove training teams, local entrepreneurs and artisans

integration of stove projects into larger rural development, women in development, and other programs

. Convene second regional stoves session to support national dissemination efforts, exchange ideas, and develop long-term regional stove strategy

. Follow up on the second regional stove session by traveling to 6 participating CILSS countries to assist with national dissemination activities

. Publish 4 quarterly issues of Flamme woodstoves bulletin

. Prepare final report to AID/Office of the Sahel which assesses accomplishments and provides recommendations for continued activities that AID might consider for support.

UNCLASSIFIED  
Department of State

INCOMING  
TELEGRAM

PAGE 01 OUAGAD 03048 151700Z 9856 016436 AID4778  
ACTION AID-35

ACTION OFFICE AFDR-06  
INFO AAAF-01 AFFW-04 AFDP-02 GC-01 GCAF-01 GCFL-01 FM-02  
CMGT-02 CTR-02 AFDA-01 RELO-01 MAST-01 /025 A1 1116

INFO OCT-00 COPY-01 AF-10 EB-08 /054 W  
-----374767 151815Z /45

R 151815Z JUN 82  
FM AMEMBASSY OUAGADOUGOU  
TO SECSTATE WASHDC 2360

UNCLAS OUAGADOUGOU 03048

AIDAC

E. O. 12065: N/A  
SUBJECT: SAHEL REGIONAL AID COORDINATION AND PLANNING  
(625-0911), VITA COOPERATIVE AGREEMENT AMENDMENT

REFS: A) STATE 157637, P) OUAGADOUGOU 2811

1. THIS MESSAGE AUTHORIZES AID/W TO ISSUE A PIO/T FOR  
THE VITA EXTENSION. FISCAL CITATIONS ARE:

-- PIO/T 625-0911-3-00073  
-- AMOUNT DOLS 160,000  
-- APPROPRIATION: 72-11X1012  
-- BPC: GSHX-80-21686-KG17

FYI, THESE ARE FY 80 REPEAT FY 80 FUNDS. REF B'S REFERENCE  
TO FY 81 UNEARMARKED SHOULD HAVE READ PRIOR YEAR  
UNEARMARKED. END FYI.

2. PLEASE ENSURE THE SCOPE OF WORK FOR THE ADVISOR  
REFLECTS THE VITA-CILSS DISCUSSIONS RE THE ADVISOR'S  
SOMEWHAT REVISED ROLE AND CHANGED ORGANIZATIONAL/REPORTING  
STRUCTURE WE BELIEVE THE JOB DESCRIPTION DATED MARCH 10,  
1982 IS THE BASIC, OPERATIVE SCOPE, WITH THE EXCEPTION  
THAT REFERENCE TO VITA IN ITEM 9 OF THE SOW SHOULD BE  
DELETED (SEE PARAGRAPH 4 BELOW FOR EXPLANATION).

3. RE LOGISTIC SUPPORT: SINCE THIS IS A COOPERATIVE  
AGREEMENT, THE VITA ADVISOR WILL RECEIVE NO REPEAT NO  
ADMINISTRATIVE OR LOGISTIC SUPPORT FROM THE MISSION,  
WITH THE EXCEPTION OF USING COMMUNICATION FACILITIES  
FOR INFORMING AID/W AND OTHER USAIDS OF PROJECT-RELATED  
MATTERS.

4. FYI STEVE HIRSCH, VITA DIRECTOR FOR AFRICA REGIONAL  
OPERATIONS, ARRIVED IN OUAGA ON JUNE 12. HIRSCH WILL  
PRESENT RATIFIED VITA-CILSS PROTOCOL TO CILSS EXECUTIVE  
SECRETARY ON JUNE 16. HIRSCH REPORTS THAT HE HAS  
REACHED AGREEMENT WITH CILSS THAT VITA IS NOT OBLIGATED  
TO SECURE FINANCING (NOR GUARANTEE FINANCING) FOR PROJECT  
(AS INDICATED ON PAGE 7 OF FRENCH VERSION OF THE PROTOCOL)  
USAID/OUAGA WILL REQUEST CILSS EXECUTIVE SECRETARY TO  
OFFICIALLY SUBMIT A LETTER OF UNDERSTANDING IN REGARDS  
TO THE ABOVE. END FYI.

5. RE BALDWIN, WE EXPECT OFFICIAL CILSS CLEARANCE IN A  
FEW DAYS. USAID WILL ADVISE WHEN RECEIVED.

6. PLEASE POUCH A COPY OF THE PIO/T AND COOPERATIVE  
AGREEMENT WHEN ISSUED. DALSIMER

UNCLASSIFIED



**BUDGET**

The technical services required by this PIO/T are expected to begin on July 1, 1982 and end on June 30, 1984.

CATEGORY	DESCRIPTION	ESTIMATED COST	
Salaries	Regional Technical Coordinator	\$50,400	
	VITA Project Manager $\frac{1}{2}$ time	11,500	
	Administrative Assistant $\frac{1}{2}$ time	7,875	
	Counterpart (technical)	8,400	65,761
Fringe Benefits		8,159	8,159
Transportation and Travel	Assignment	2,250	
	Regional Travel	7,160	
	Home Office Travel	4,000	
	Per Diem	12,557	26,482
Allowances	Rent, furnishings, storage, shipments	34,000	34,000
Equipment, Vehicles, Materials, Supplies	Vehicle and Maintenance	17,000	17,000
		-	-
Other Direct Costs		-	-
Overhead (32%)		48,449	48,449
GRAND TOTAL		199,851	<u>199,851</u>
Rounded to:			\$200,000

NOTE: Of the total budget, \$160,000 is available in this PIO/T. The balance needed to fully fund this amendment to the VITA Cooperative Agreement, \$40,000, will be added later in a separate PIO/T. Funds are available in Project 625-0911 for this purpose.

CONTRACT/AGREEMENT DATA SHEET	1. M/SER/CM/SD/SS Action Monitor L.B.	2. Date PIO/T Received: 6 / 28 / 82
----------------------------------	---	--

PART ONE: COMPLETE EACH BLOCK FOR BOTH NEW ASSISTANCE/ACQUISITION AND MODIFICATION ACTIONS

3. Contract/Agreement Number: AID/DSAN-CA-0182, Amend. 18		5. Organization Symbol: VITA	
4. Contractor/Recipient Name: VITA Volunteers in Technical Assistance		8. Organization Symbol: PPC/Energy	
6. Project Title: Low-Cost Energy Technology - Workshop on Methods for Testing Stove Efficiency			
7. Project Officer's Name: Stephen Klein		8. Organization Symbol: PPC/Energy	
9. Requisitioning Document ID No: 930-0077-3023307		19. Budget Plan Code: FDAA-82-13010-DG-11 App. 72.1121021.6, A11. 246-30-099-00-20-21	
10. TYPE OF ACTION: A. New Acquisition/Assistance B. Continuation of activities set forth in a contractual document C. Revision of work scope/purpose of award		20. Country or Region of Performance: worldwide	
11. Amount of this PIO/T: U.S. \$ 15,000 (inc.)		21. Total Estimated Cost of the Contractual Document: U.S. \$ 9,989,000	
12. Amount Obligated/Subobligated/Deobligated by this Action: U.S. \$ 14,903		22. Amount of Non-Federal Funds Pledged to the Project: U.S. \$ -0-	
13. Cumulative Obligation: U.S. \$ 4,519,201		23. Effective Date of this Action: 7/22/82	
14. This Action Funded Through: 3/1/83		24. Estimated Completion/Expiration Date: 8/30/84	
15. Date Contractual Documents Signed by AID Official: 7/22/82		25. Contractor DUNS Number:	
16. Incrementally Funded Contract: Yes		26. Consultant Type Award: No	
17. Host Country/Counterpart Inst. (Univ. Contracts): N/A		27. Number of Person-Months (PASA/RSSA only): N/A	
18. Campus Coordinator (Univ. Contracts): N/A		28. Number of Persons (PASA/RSSA only): N/A	
29. Negotiator's Typcd Name: J. Frame		30. Negotiator's Signature: <i>J. Frame</i>	
32. Contract/Grant Officer's Organization Symbol: COD/AN		33. Contract/Grant Officer's Signature: <i>[Signature]</i>	
		31. Date Signed: 7/22/82	
		34. Date Signed: / /	

PART TWO: COMPLETE EACH BLOCK FOR NEW ASSISTANCE/ACQUISITION ACTIONS ONLY

35. CONTRACT TYPE: A. Fixed Price (Specify: FFP, FPRD, FPEPA, FPI) B. Cost Reimbursement (Specify: CR, CPFF, CS, CPAF, CPIF) C. IQC & Requirements Contracts		37. SUBJECT TO STATUTORY REQUIREMENT: A. Walsh-Healey Act, Manufacturer* B. Walsh-Healey Act, Regular Dealer* C. Service Contract Act (U.S. ONLY - Guards, Maintenance, Laborers) D. Davis-Bacon Act (Construction) E. Not subject to Walsh-Healey; Service Contract or Davis-Bacon Act (Most AID Contracts) * Equipment, Supplies, Materials, and Commodities	
36. ADVANCE: A. No Advance B. Advance Non-FRLC C. Advance FRLC		38. Country of Manufacture: (Specify)	

Section 81302 ENTERED  
Advance to Byan 8/2/82

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

ORIGINAL

JEF

JUL 22 1982

Mr. Ralph Gofney  
Controller  
Volunteers in Technical  
Assistance  
1815 N. Lynn Street, Suite 200  
Arlington, Virginia 22209

Subject: Cooperative Agreement No.:  
AID/DSAN-CA-0182  
Amendment No. 18

Dear Mr Gofney:

Pursuant to the authority contained in the Foreign Assistance Act of 1961, as amended, and the Federal Grant and Cooperative Agreement of 1977, the Agency for International Development hereby amends the subject Cooperative Agreement to provide incremental funds for partial funding of a workshop of technical experts to establish common measurements and approaches for testing wood stoves, as more fully described in the attached "Statement of Work." This activity falls within the scope of the Program Description, paragraph c. (1) entitled "Technology Transfer Services."

A. COVER PAGE

From "Amount Obligated," delete the amount "\$4,504,298" and substitute in lieu thereof the amount "\$4,519,201."

B. ARTICLE I - COOPERATIVE AGREEMENT

1. Delete from paragraph B. 1 the figure \$4,504,298 and substitute in lieu thereof the figure \$4,519,201.
2. Delete the paragraph B.2 the figure \$5,484,702 and substitute in lieu thereof the figure \$5,469,799.

Except as expressly herein amended, the Cooperative Agreement, as previously amended, remains in full force and effect in accordance with its terms.

ORIGINAL

To acknowledge your acceptance, please sign the original and eight (8) copies of this amendment in the space provided below and return the original and seven (7) copies to this office, making certain to return all copies marked "Funds Available."

Sincerely yours,



Morton Darwin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED:

VOLUNTEERS IN TECHNICAL ASSISTANCE

BY: Ralph Gofney

TITLE: Contractor

DATE: July 30, 1982

Fiscal Data

Amount Obligated by this Amendment: \$14,903  
Total Obligated Amount: \$4,519,201  
Appropriation No.: 72-1121021.6  
Allotment No.: FDAA-82-13010-DG11  
(246-30-099-00-20-21)  
Project No.: 930-0077  
PIO/T No.: 3023307  
Total Estimated Cost: \$9,989,000

FUNDS AVAILABLE

Robinson  
JUL 27 1982

D/C 4190  
Program Acctg. Division

OFFICE OF FINANCIAL MANAGEMENT

## STATEMENT OF WORK

### A. OBJECTIVE

VITA will hold a work shop of technical experts (researchers and technicians) to establish common measurements and approaches for testing wood stoves.

### B. SCOPE OF WORK

The workshop of technical experts should be designed to produce the following:

- (1) reach agreement on standardized test methodologies and standardized analysis/interpretation of test data for 3 levels of operation: university/laboratory research; project level applied research; and project field operations.
- (2) designate institutional and individual roles in test data collection, analysis, and dissemination.
- (3) reach agreement on channels for continuing communication of testing methods, analysis, conclusions.
- (4) begin the process of synthesizing test methodologies and a plan for centralized analysis of test data from stove practitioners into a comprehensive guide.

### C. REPORTS

VITA will provide to AID a report on the workshop that will include (i) a summary of the proceedings highlighting the salient points, (ii) a short (no more than 5 pages) list of economic, technical, social/cultural, and institutional factors to be evaluated for wood stove projects, and (iii) a description of recommended approaches to wood stove testing.

The final report (in 25 copies) should be submitted to AID by no later than March 1, 1983. VITA is encouraged but is not required to submit a draft report prior to submission of the final report.

### D. PAYMENT

1. VITA will be paid \$7,500 upon submission of firm plans for holding the workshop. The balance will be paid upon acceptance of the workshop report.
2. Requests for payment for this effort should be directed to AID WASHINGTON, FM/PAD, Washington, D. C. 20523. The following financial data must appear on all vouchers submitted for payment pursuant to this amendment:
  1. PIO/T No. 3023307
  2. Appropriation No. 72-1121021.6
  3. Allotment No. FDAA-82-13010-DG11  
(246-30-099-00-20-21)

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action Monitor **L.B.**

SER/CM/SD/SUP Action Office **COB/AN**

INSTRUCTIONS AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name  
**VITA**

PIO/T Number <b>625-0929-3-6721021</b>	Appropriation Number <b>72-11X1012</b>	Allotment Number <b>812-67-025-00-69-21</b>	Project Number <b>625-0929</b>
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Project Title

**Sahel Regional Planning, Management and Research**

Amount of this PIO/T <b>\$5,900 (inc.)</b>	Project Manager's Name and Office Symbol <b>Glenn Slocum, AFR/DR/SWAF</b>	Contractor's D-U-N-S Number
---	--	-----------------------------

Negotiator's Typed Name <b>FRAME</b>	Signature <i>[Signature]</i>	Date <b>8 June 1982</b>
---	---------------------------------	----------------------------

Contract/Grant Officer's Typed Name <b>A. Darwin</b>	Signature <i>[Signature]</i>	Date
---	---------------------------------	------

**PART IB.**

Contract/Grant Number <b>AID/DSAE-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>17</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>5/28/82</b>
--	------------	--------------	--	---

**PART II.**

Effective Date of Document <b>8 June 1982</b>	Signature Date of Document <b>8 June 1982</b>	Estimated Completion Date <b>30 Aug. 1984</b>	Contract/Grant funded through (date) <b>30 Aug 1982</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/Subobligated by this Action <b>\$ 5,603</b>	Cumulative Obligation thru this Action <b>\$ 4,504,298</b>

**PART III.**

Description of Contract/Grant. Please 'X' ONLY ONE item under each heading IF OTHER, please specify (Complete both pages 1 and 2) NOTE: Not to be completed for Amendment or Modification Actions.

*Lead. for Validation 6/8/82*

**M03 - TYPE ACTION**

- 0 Contract/Grant/Cooperative Agreement
- 1. Task Order (BOA)\*
- 2 Work Order (IQ)\*
- 3 Delivery Order (Requirements)\*
- 4. Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc )
- 1. Fixed Price (Specify FFP, FPRD, FPEPA, FPI)
- 2. Cost Reimbursement (Specify CR, CPFF, CS, CPAF, CPIF)
- 3. Cooperative Agreement
- 4. Grant - General Support\*
- 5. Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7. Do Not Use
- 8. IQCs
- 9. Host Country Contract/Grant\*

\*Complete ONLY through M51

**M05 - SELECTION PROCEDURES**

- A. Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B. Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C. A & E (AIDPR 7-4.10)
- D. Ed Inst. and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7-4.58)
- F. Predominant Capability (AIDPR 7-3.101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3.101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L. Grant (Handbook 13)
- M. Do Not Use
- N. Cooperative Agreement (Handbook 13)
- O Small Business Set-Aside (FPR 1-1.706-8)
- P Overseas Procuring Activities (AIDPR 7-3 101-50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-Personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women Owned, Veterans, etc )
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

**STAT Section**  
**JUN 22 1982**  
**ENTERED**

(Continued on Page 2)

ORIGINAL

Mr. Ralph Gofney  
Controller  
Volunteers in Technical Assistance  
1815 N. Lynn Street, Suite 200  
Arlington, VA

JUN 8 - 1982

Subject: Cooperative Agreement No. AID/DSAN-CA-0182  
Amendment No. 17

Dear Mr. Gofney:

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 hereby amends the subject Cooperative Agreement as follows to provide incremental funds for a three week TDY of a technical coordinator to the CILSS in Upper Volta.

A. COVER PAGE

From "Amount Obligated", delete the amount "\$4,498,635" and substitute in lieu thereof the amount "\$4,504,298."

B. ARTICLE I - COOPERATIVE AGREEMENT

1. Delete from paragraph B.1 the figure "\$4,498,635" and substitute in lieu thereof the figure "\$4,504,298."
2. Delete from paragraph B.2 the figure "\$5,490,365" and substitute in lieu thereof the amount "\$5,484,702."

C. PROGRAM DESCRIPTION

Under Paragraph C. entitled "Specific Objectives," subparagraph 7. which provides for short-term in-country services to USAID Missions and host country governments, add the following effort:

- "2. Short-term advisor to the CILSS, Interstate Sahel Drought Committee
  - a. Scope of Work: VITA will provide the services of a short-term advisor for approximately three weeks to perform the following tasks:

ORIGINAL

1. With VITA-supported CILSS regional technical coordinator, Dr. Timothy S. Wood, build and test three to five stove prototype models toward gaining understanding of their potential for the Sahel region;
  2. Make contact through Wood and CILSS with ten to sixteen stove project and donor groups present in Upper Volta; discuss ongoing contacts with and assistance to stove projects in other Sahelian countries.
  3. Discuss with Wood and with CILSS the stove team's progress to date, toward formulating objectives and strategies for the next two program years.
- b. Reports: The advisor will provide the following to VITA and to A.I.D.:
1. a written status report on the CILSS woodstove program
  2. a workplan for the third year
- c. Payment: Requests for payment for this effort should be directed to AID Washington, AFR/DR/SWAP, Rm. 2733 NS, Washington, D.C. 20523. The following financial data must appear on all vouchers submitted for payment pursuant to this amendment:
1. PIO/T No.: 625-0929-3-6721021
  2. Appropriation No.: SHX-82 (72-11X1012)
  3. Allotment No.: GSHX-82-3165-KG12  
(812-67-625-00-69-21)"

Except as expressly herein amended, the Cooperative Agreement, as previously amended, remains in full force and effect in accordance with its terms.



To acknowledge your acceptance, please sign the original and ten (10) copies of this amendment in the space provided below and return the original and nine (9) copies to this office.

Sincerely yours,



Morton Darwin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED

VOLUNTEERS IN TECHNICAL ASSISTANCE

BY: Ralph Gofney

TITLE: Controller

DATE: 6/15/82

FUNDS AVAILABLE

JUN 9 1982  
4190  
Program Acctg. Division  
OFFICE OF FINANCIAL MANAGEMENT

Fiscal Data

Amount Obligated by this Amend.:	\$5,663
Total Obligated Amount:	\$4,504,298
Appropriation No.:	SHX-82 (72-11X1012)
Allotment No.:	GSHX-82-3165-KG12 (812-67-625-00-69-21)
Project No.:	625-0929
PIO/T No.:	6721021
Total Estimated Cost:	\$9,989,000

JUN 14 1982

MEMORANDUM

Date: June 10, 1982

TO : Distribution

FROM : CM/SOD, Donald Dickie

SUBJECT: Agreement No. AID/DSAN-CA-0182 between A.I.D.  
and Volunteers in Technical Assistance

This transmits one copy of a Negotiated Indirect Cost Rate Agreement dated  
May 26, 1982. This Agreement is also Amendment No. 16  
to the subject agreement.

The purpose of this Amendment is to establish final and/or provisional  
indirect cost rates.

If additional copies are required, please contact CM/SOD/OSC.

DISTRIBUTION:

CM/SD/SUP, Mrs. B. Lewis  
CM/SD/SUP, Mrs. Sarah Lewis  
SER/FM/PAD, Mr. P. Amos  
AAG/W, Mr. A. LeBlanc (2 copies)

Contracting Officer, CM/COD/AN, M. Darwin

Project Manager, DS/EY, J. Rose

USAID/\_\_\_\_\_

STAT Section

JUN 15 1982

ENTERED

**ORIGINAL**

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON, D.C. 20523

**NEGOTIATED INDIRECT COST RATE AGREEMENT**

Date May 26, 1982

SUBJECT: Indirect Cost Rates for Use in Cost Reimbursement Type Agreements With the Agency for International Development (AID)

REFERENCE: RIG/A/W Audit Report No. 82-46 dated February 22, 1982 and VITA letter dated April 27, 1982.

CONTRACTOR: Volunteers in Technical Assistance  
or  
GRANTEE: 3706 Rhode Island Avenue  
Mt. Rainier, MD 20822

*PART I - NEGOTIATED INDIRECT COST RATES (%)*

<u>Type</u>	<u>From</u>	<u>Effective Period</u> <u>Through</u>	<u>Overhead Rate</u>
Final	1-1-79	12-31-79	24.21
Final	1-1-80	12-31-80	29.00
Provisional	1-1-81	Until amended	31.00

Base of Application

Total direct cost but excluding subgrants, furniture, equipment, computer hardware, and software, security, and renovation costs.

Acceptance of the rate(s) agreed to herein is predicated upon the conditions: (1) that no costs other than those incurred by the grantee/contractor were included in its indirect cost rate proposal and that such costs are legal obligations of the grantee/contractor; (2) that the same costs that have been treated as indirect costs have not been claimed as direct costs; (3) that similar types of costs have been accorded consistent treatment; and (4) that the information provided by the grantee/contractor which was used as the basis for acceptance of the rate(s) agreed to herein is not subsequently found to be materially incomplete or inaccurate.

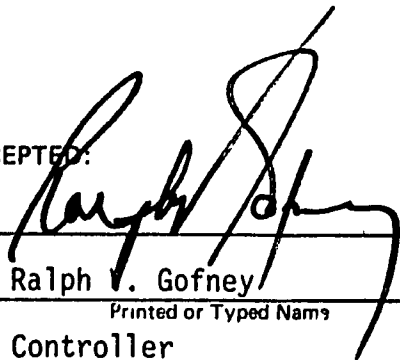
PART III - SPECIAL TERMS AND CONDITIONS

Pursuant to § 7-3.705 of the Agency for International Development Procurement Regulations (AIDPR), the negotiated indirect cost rates set forth in Part I of this Agreement are incorporated into AID Agreements shown below. This Agreement shall not change any monetary ceiling, obligation, or specific cost allowance or disallowance provided for in the Contracts or Grants listed below or any other Agreement between the parties.

<u>Contract/Grant Number</u>	<u>Amendment Number</u>	<u>Project Number</u>
AID/DSAN-CA-0182	16	936-5701
AID/DSAN-C-0020	7	931-0003
AID/SOD/PDC-G-0149	8	938-0157

ACCEPTED:

BY



Ralph V. Gofney

Printed or Typed Name

Controller

Title

June 2, 1982

Date



Donald B. Dickie

CONTRACTING OFFICER  
Overhead and Special Costs Branch  
Services Operations Division  
Office of Contract Management  
Agency for International Development

cre

DISTRIBUTION:

<u>CM/ROD</u>		<u>CM/COD</u>		<u>CM/SOD</u>		<u>OTHER</u>	
AFR	x	AN	x	PDC		AAG/W	x
NE		PE				CM/SD/SUP	x
LA		OTR				FM/PAD	x
ASIA							
							x
							PDC/PMS
							DS/DIU
							DS/EY

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action Monitor **L. R.**

SER/CM/SD/SUP Action Office **COD/AN**

**INSTRUCTIONS:** AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy; Copy 2 SER/CM/SD/SUP Administrative Copy; Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
**Missions** - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name <b>VITA</b>			
PIO/T Number <b>698-0135-3-6121008</b>	Appropriation Number <b>72-1121021.3</b>	Allotment Number <b>243-61-698-00-61-21</b>	Project Number <b>698-0135</b>
Project Title <b>GDA Forestry Project and Project Development &amp; Support Project (Somalia)</b>			
Amount of this PIO/T <b>\$15,000 (inc.)</b>	Project Manager's Name and Office Symbol <b>M. Baker, AFR/DR/EAP</b>		Contractor's D-U-N-S Number
Negotiator's Typed Name <b>FRAME</b>	Signature <i>[Signature]</i>		Date <b>11 May 1982</b>
Contract/Grant Officer's Typed Name <b>M. Darwin</b>	Signature <i>[Signature]</i>		Date

**PART IB.**

Contract/Grant Number <b>AID/DSAN-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>15</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>4/29/82</b>
--	------------	--------------	--	---

**PART II.**

Effective Date of Document <b>11 May 1982</b>	Signature Date of Document <b>11 May 1982</b>	Estimated Completion Date <b>30 Aug. 1984</b>	Contract/Grant funded through (date) <b>30 Aug 1982</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/Subobligated by this Action <b>\$ 15,000</b>	Cumulative Obligation thru this Action <b>\$ 4,498,635</b>

**PART III.**

Description of Contract/Grant: Please 'X' ONLY ONE item under each heading IF OTHER, please specify. (Complete both pages 1 and 2) NOTE. Not to be completed for Amendment or Modification Actions.

*Recd. for Validation 5/12/82*

**M03 - TYPE ACTION**

- 0. Contract/Grant/Cooperative Agreement
- 1. Task Order (BOA)\*
- 2. Work Order (IQC)\*
- 3. Delivery Order (Requirements)\*
- 4. Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc.)
- 1. Fixed Price (Specify FFP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2. Cost Reimbursement (Specify CR, CPFF, CS, CPAF, CPIF) \_\_\_\_\_
- 3. Cooperative Agreement
- 4. Grant - General Support\*
- 5. Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7. Do Not Use
- 8. IQCs
- 9. Host Country Contract/Grant\*

\*Complete ONLY through M51

**M05 - SELECTION PROCEDURES**

- A. Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B. Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C. A & E (AIDPR 7-4.10)
- D. Ed Inst. and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7-4.58)
- F. Predominant Capability (AIDPR 7-3.101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3.101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L. Grant (Handbook 13)
- M. Do Not Use
- N. Cooperative Agreement (Handbook 13)
- O. Small Business Set-Aside (FPR 1-1.706-8)
- P. Overseas Procuring Activities (AIDPR 7-3 101-50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B. Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc.)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

**STAT Section**  
**MAY 25 1982**  
**ENTERED**

(Continued on Page 2)

MAY 24 1982

JEF

ORIGINAL

Mr. Ralph Gofney  
Controller  
Volunteers in Technical Assistance  
3706 Rhode Island Avenue  
Mt. Rainier, MD 20822

MAY 11 1982

Subject: Cooperative Agreement  
No. AID/DSAN-CA-0182,  
Amendment No. 15

Dear Mr. Gofney:

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 hereby amends the subject Cooperative Agreement as follows to provide incremental funds to continue the woodstoves/Somalia consultancy:

A. COVER PAGE

From "Amount Obligated" delete the amount "\$4,483,635" and substitute in lieu thereof the amount "\$4,498,635".

B. ARTICLE I - COOPERATIVE AGREEMENT

1. Delete from paragraph B.1 the figure "\$4,483,635" and substitute in lieu thereof the figure "\$4,498,635".
2. Delete from paragraph B.2 the figure "\$5,505,365" and substitute in lieu thereof the amount "\$5,490,365".

C. PROGRAM DESCRIPTION

Under Paragraph C. entitled "Specific Objectives", add the following:

- "9. Continuation of the Pilot Wood Stove Program in Somalia

ORIGINAL

- a. Objective: To diminish the rate of deforestation around refugee camps by designing, testing and disseminating, on a pilot basis, a more efficient wood burning stove.
- b. Scope of Work: VITA will provide the services of an engineer for approximately 87 days commencing on or about May 1, 1982 and continuing until on or about August 31, 1982. The consultant is expected to:
  - (1) Monitor and assist four existing wood stove projects in the Balba I, Balba II, Dorianley and Ali Matan refugee camps;
  - (2) Initiate pilot wood stove programs in four camps in the Lugh region;
  - (3) Conduct approximately eight training sessions with refugee populations with respect to wood stove construction and utilization;
  - (4) Train between four and eight representatives of voluntary agencies in wood stove construction and utilization techniques; and,
  - (5) Begin the establishment of a Lugh regional stove testing and demonstration center.
- c. Reports: Two copies of the following reports, typewritten in English, will be submitted to USAID/Somalia:
  - (1) A mid-term report of activities planned and completed, to be submitted July 1, 1982.
  - (2) An end-of-activity report, to be submitted within sixty (60) days of completing the effort described in the scope of work above.
- d. A six-day work week is authorized. No premium pay authorized.
- e. Payment: Requests for payment for this effort should be directed to AID Washington, AFR/DR/EAP,

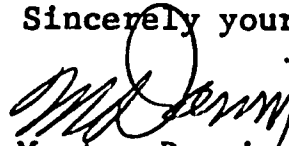
Room 2450 NS, Washington, DC 20523: the following financial data must appear on all vouchers submitted for payment pursuant to this amendment:

- (1) PIO/T No. : 698-0135-3-6121008
- (2) Appropriation No. : 72-1121021.3
- (3) Allotment No. : GDA-82-31698-AG61  
(243-61-698-00-61-21)

Except as expressly herein amended, the Cooperative Agreement, as previously amended, remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign the original and ten (10) copies of this amendment in the space provided below and return the original and nine (9) copies to this office.

Sincerely yours,



Morton Darwin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

**ACCEPTED:**

**VOLUNTEERS IN TECHNICAL ASSISTANCE**

By: Ralph Sopy

Title: Controller

Date: 5-19-82

**FUNDS AVAILABLE**

MAY 14 1982

Program Acctg. Division  
OFFICE OF FINANCIAL MANAGEMENT

**Fiscal Data**

Amount Obligated by this Amendment	:	\$15,000
Total Obligated Amount	:	\$4,498,635
Appropriation No.	:	72-1121021.3
Allotment No.	:	GDA-82-31698-AG61 (243-61-698-00-61-21)
Project No.	:	698-0135
PIO/T No.	:	6121008
Total Estimated Cost	:	\$9,989,000



AID 1350-1X (1-78)	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	1. Cooperating Country <b>SOMALIA</b>	Page 1 of 5 Pages
		2. PIO/T No. <b>698-0135-3-6121008</b>	3. <input checked="" type="checkbox"/> Original or Amendment No. _____
		4. Project/Activity No. and Title <b>CDA Forestry Project (649-0122) and PD and S Project (698-0135)</b>	
		5. Appropriation Symbol <b>72-1121021-3</b>	

DISTRIBUTION	6. Allotment Symbol and Charge <b>243-61-698-00-61-21</b>	<b>GDA-82-31698-AG61</b>
	7. Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Implementing Document	8. Project Assistance Completion Date (Mo., Day, Yr.) <b>September 30, 1982</b>

9. Authorized Agent <b>AID/W/CM/ROD/AFR</b>	10. This PIO/T is in full conformance with PRO/AG Date _____
--	---

11a. Type of Action and Governing AID Handbook <input type="checkbox"/> AID Contract (HB 14) <input type="checkbox"/> PASA/RSSA (HB 12) <input type="checkbox"/> AID Grant (HB 13) <input checked="" type="checkbox"/> Other	11b. Contract/Grant/PASA/RSSA Reference Number (If this is an Amendment) <b>CONTRACT AID DSAN CAO 182 (Cooperative Agreement)</b>
---	---

12. Estimated Financing (A detailed budget in support of column (2) is attached as attachment no. \_\_\_\_\_)

Maximum AID Financing	A. Dollars	(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
		B. U.S.-Owned Local Currency			<b>\$15,000</b>

13. Mission References

14a. Instructions to Authorized Agent

Please amend AID's Cooperative Agreement with VITA (block 11b) to provide the services described in Attachment 2 (Statement of Work) under the Low Cost Energy Technology for Poor Project (936-5701) using funds provided from AID/W-allotted PD and S funds.

FUNDS RESERVED BY  
*KT 4/9/82*  
POSTED *4/29/82*  
SER/FM/CSD

14b. Address of Voucher Paying Office

**AFR/DR/EAP (Administrative approval)**  
Room 2450 NS AID/W

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 are technically adequate <b>AFR/DR/EAP, M. J. Baker</b>	Phone No. <b>28286</b> Date <b>4/19/82</b>	B. The statement of work lies within the purview of the initiating and approved agency programs <b>AFR/EA, Brian Kline, OIC</b>	Date <b>4/22/82</b>
C. <b>AFR/DR/SDP, John Blumgart</b>	Date <b>4/22/82</b>	D. Funds for the services requested are available <b>AFR/PMR/RCS, RSpangenberg</b>	
E. <b>AFR/DR/PSS, Normanno Caticchio</b> <b>AFR/DR/EAP, Sheldon W. Cole</b>	Date <b>4/23/82</b> <b>4/22/82</b>	<b>FM/PAD, KTaylor</b>	

17. For the Agency for International Development

Signature \_\_\_\_\_ Date \_\_\_\_\_

Signature **George Ruckelshaus** Date **4/23/82**

Title \_\_\_\_\_ Title **John W. Koehring, AAA/AFR/DR**

**57**

*Log 4/22/82 Benetton* *logged 4/22/82 RSpangenberg*

PIO/T

4. Project/Activity No. and Title  
CDA Forestry Project (649-0122) and PD and S Project

## SCOPE OF WORK

18. THE SCOPE OF TECHNICAL SERVICES REQUIRED FOR THIS PROJECT ARE DESCRIBED IN ATTACHMENT NUMBER 2  
HERETO ENTITLED "STATEMENT OF WORK".

## 19. SPECIAL PROVISIONS

- A.  LANGUAGE REQUIREMENTS (SPECIFY) n/a  
(IF MARKED, TESTING MUST BE ACCOMPLISHED BY AID TO ASSURE DESIRED LEVEL OF PROFICIENCY)
- B.  ACCESS TO CLASSIFIED INFORMATION  WILL  WILL NOT BE REQUIRED BY TECHNICIAN(S).
- C.  DUTY POST(S) AND DURATION OF TECHNICIANS' SERVICES AT POST(S) (MONTHS)
- D.  DEPENDENTS  WILL  WILL NOT BE PERMITTED TO ACCOMPANY TECHNICIAN.
- E.  WAIVER(S) HAVE BEEN APPROVED TO ALLOW THE PURCHASE OF THE FOLLOWING ITEM(S) (COPY OF APPROVED WAIVER IS ATTACHED)
- F.  COOPERATING COUNTRY ACCEPTANCE OF THIS PROJECT (APPLICABLE TO AID/W PROJECTS ONLY)  
 HAS BEEN OBTAINED  HAS NOT BEEN OBTAINED  
 IS NOT APPLICABLE TO SERVICES REQUIRED BY PIO/T
- G.  OTHER (SPECIFY)  
A six-day work week is authorized. No premium pay authorized.

## 20. BACKGROUND INFORMATION (ADDITIONAL INFORMATION USEFUL TO AUTHORIZED AGENT)

The activity funded under this PIO/T is a continuation of a pilot proto-type effort which, if judged successful, will be expanded under the CDA Somalia Forestry Project (621-0122).

## 21. SUMMARY OF ATTACHMENTS ACCOMPANY THE PIO/T (INDICATE ATTACHMENT NUMBER IN BLANK)

- 1 DETAILED BUDGET IN SUPPORT OF INCREASED FUNDING (BLOCK 12)
- \_\_\_\_\_ EVALUATION CRITERIA FOR COMPETITIVE PROCUREMENT (BLOCK 14)
- \_\_\_\_\_ JUSTIFICATION FOR NON-COMPETITIVE PROCUREMENT (BLOCK 14)
- 2 STATEMENT OF WORK (BLOCK 18)
- \_\_\_\_\_ WAIVER(S) (BLOCK 19) (SPECIFY NUMBER)

AID 1350-1X (1-78)	1. Cooperating Country <b>SOMALIA</b>	2. PIO/T No.	Page 3 of 5 Pages
PIO/T	4. Project/Activity No. and Title <b>CDA Forestry Project (649-0122) and PD and S Project</b>		

22. Relationship of Contractor or Participating Agency to Cooperating Country and to AID

A. Relationships and Responsibilities

The consultant will work under the direction of the Agricultural Development Officer of the USAID/Somalia.

B. Cooperating Country Liaison Official

Cooperating Country Liaison Officials will be designated by the Mission as appropriate.

C. AID Liaison Officials

ADO, USAID/Somalia

LOGISTIC SUPPORT

23. Provisions for Logistic Support	IN KIND SUPPLIED BY		FROM LOCAL CURRENCY SUPPLIED BY		TO BE PROVIDED OR ARRANGED BY SUPPLIER
	AID	COOPERATING COUNTRY	AID	COOPERATING COUNTRY	
A. Specific Items (Insert "X" in applicable column as right. If entry needs qualification, insert asterisk and explain below in C. "Comments")					
(1) Office Space	X				
(2) Office Equipment	X				
(3) Housing and Utilities *NA					
(4) Furniture NA					
(5) Household Equipment (Stoves, Refrig., etc.) NA					
(6) Transportation in Cooperating Country					X
(7) Transportation To and From Country ***					X
(8) Interpreter Services/Secretarial	X				
(9) Medical Facilities **					
(10) Vehicles (official)		X (ICR)			
(11) Travel Arrangements/Tickets					X
(OTHER SPECIFY)					
(12)					
(13)					
(14)					
(15)					

B. Additional Facilities Available From Other Sources N/A

APO/FPO

PX

COMMISSARY

OTHER (Specify, e.g., duty free entry, tax exemption)

\*\* According to policies established by the AmEmbassy Mogadishu governing contractor access to the Embassy's health facilities.

\*\*\* International Travel as required will be financed outside of this contract by non-AID funds.

\* Housing and subsistence allowances will be provided outside of this contract by ICR.

ILLUSTRATIVE BUDGET

A. Salary and Fringe benefits \$10,245

Base salary is \$92 per day for 87 days.  
Fringe benefits are 28 percent of salary

B. Expenses 1,470

1. Vehicle operation and maintenance is estimated to be \$75 per week for 16 weeks (\$1200)
2. Other (Per diem will be provided by ICR) (\$270) (International travel, if required, will be provided by non-AID sources)

C. Indirect costs 3,285

Vita overhead of 28 percent of direct costs

TOTAL \$15,000

### SCOPE OF WORK

- A. Objective: To diminish the rate of deforestation around refugee camps by designing, testing and disseminating, on a pilot basis, a more efficient wood burning stove.
- B. Scope of Work: The consultant will provide advisory services to the existing Interchurch Response of the Horn of Africa (ICR) pilot wood stove program in the Lugh region of Somalia. The consultant is expected to:
1. Monitor and assist four existing wood stove projects in the Balba I, Balba II, Dorianley and Ali Matan refugee camps;
  2. Initiate pilot wood stove programs in four camps in the Lugh region;
  3. Conduct approximately eight training sessions with refugee populations with respect to wood stove construction and utilization;
  4. Train between four and eight representatives of voluntary agencies in wood stove construction and utilization techniques; and,
  5. Begin the establishment of a Lugh regional stove testing and demonstration center.

To carry out the activities stated above, VITA will provide the services of an engineer (Hank Cauley) for approximately 87 days commencing o/a May 1 and continuing until o/a August 31.

- C. Reports: The consultant will prepare a mid-term report of activities planned and completed o/a July 1. The consultant will provide an end-of-activity report within sixty(60) days of completing this assignment.

All reports will be typewritten in English and two copies will be provided to USAID/Somalia.

UNCLASSIFIED  
Department of State

INCOMING  
TELEGRAM

PAGE 01 MOGADI 01630 090901Z 3029 036421 AID7420  
ACTION AID-35

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ACTION OFFICE AFDR-06  
INFO AFEA-03 AFDP-02 GC-01 GCAF-01 GCFL-01 PPIA-01 FM-02  
AAST-01 CMGT-02 CTR-02 STFN-01 AFDA-01 RELO-01 MAST-01  
/026 A4 709  
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INFO OCT-00 AF-10 AMAD-01 RP-10 SR-04 /060 W  
-----023651 090915Z /38

R 090756Z MAR 82  
FM AMEMBASSY MOGADISHU  
TO SECSTATE WASHDC 7976  
AMEMBASSY NAIROBI

UNCLAS MOGADISHU 1630

AIDAC

NAIROBI FOR REDSO

E. O. 12065: NA  
SUBJECT CDA FORESTRY PROJECT (649-0122)

REF: STATE 50283

1. PLEASE TAKE THE ACTION NECESSARY TO ISSUE PIO/T (SINCE FUNDS ALLOTTED TO AID/W) AND TO AMEND THE VITA-AID AGREEMENT TO PROVIDE FOR THE BELOW DESCRIBED SERVICES. THE SCOPE OF WORK AND BUDGET HAVE BEEN DEVELOPED IN CONSULTATION WITH STEVE HIRSCH, AFRICA DIRECTOR OF VITA

2. FOLLOWING IS THE SCOPE OF WORK AND BUDGET FOR THE VITA WOOD STOVE CONSULTANCY.

(A) SCOPE OF WORK

VITA ENGINEER HANK CAULEY WILL CONTINUE THE PRESENT INTERCHURCH RESPONSE FOR THE HORN OF AFRICA (ICR) WOOD STOVE PROGRAM IN LUGH BY (1) MONITORING AND ASSISTING FOUR CURRENT WOOD STOVE PROJECTS IN BALBA I, HALBA II, AND THE DORIANLEY AND ALI MATAN CAMPS; (2) INITIATING NEW WOOD STOVE PROJECTS IN FOUR CAMPS IN THE LUGH REGION; (3) CONDUCTING APPROXIMATELY EIGHT TRAINING SESSIONS WITH REFUGEES RELATIVE TO WOOD STOVE CONSTRUCTION AND UTILIZATION, (4) TRAINING REPRESENTATIVES OF BETWEEN FIVE TO EIGHT VOLUNTARY AGENCIES IN WOOD STOVE CONSTRUCTION AND UTILIZATION TECHNIQUES; AND (5) BEGIN ESTABLISHMENT OF A LUGH REGIONAL STOVE TESTING AND DEMONSTRATING CENTER.

(B) BUDGET

SALARY \$92/DAY X 87 DAYS	\$8004
VITA BENEFITS AT 28 PCT OF SALARY	2241
POL/MAINT OF VEHICLE \$75 WEEK-16WEEKS	1200
PER DIEM/MISC/MEDICAL	260
TOTAL	\$11,705
VITA OVERHEAD A. 23 PCT	3,277
TOTAL (ROUNDED)	\$15,000

3. DURATION OF SERVICES: MAY 1-AUGUST 31, 1982.

4. FUNDS ARE TO BE TAKEN FROM THE MONIES APPROVED PER REFTEL.

5. PLEASE ADVISE WHEN AMENDMENT TO VITA/AID AGREEMENT ISSUED.  
HUTH

U.S. GOVERNMENT PRINTING OFFICE: 1979 295-696

21 PAGE 21 STATE 050283 0476 027429 AID

22 ORIGIN AID-35

23 -----

24 ORIGIN OFFICE AFDR-26

25 INFO AFDA-03 AAST-01 CMGT-22 CTR-22 STAG-02 AFDA-01 AGRI-01

26 RELO-01 MAST-01 3V-20 /020 A0

27 -----

28 INFO OCT-20 INR-10 AF-10 EP-26 AMAD-01 AGRE-00 /064 P

29

30 DRAFTED BY AID/AFR/DR/SDP:K MULLALLY:REW

31 APPROVED BY AID/AFR/DR:N COHEN

32 AID/AFR/EA:E KLINE (SUBST)

33 AID/AFR/EA:P:M GILBERT (DRAFT)

34 AID/AFR/DR:G RUELEE (DRAFT)

35 AID/AFR/DR:L HEILMAN (DRAFT)

36 AID/AFR/DR/SDP:J BLUMGART (DRAFT)

37 AID/AFR/DR:E SPANGENBERG (DRAFT)

38 -----004406 252218Z /3E

39 P 252257Z FEB 82

40 FM SECSTATE WASEDC

41 TO AMEMBASSY MOGADISHU PRIORITY

42 INFO AMEMBASSY NAIROBI PRIORITY

43

44 UNCLAS STATE 050283

45

46 AIDAC, MOGADISHU FOR KELLY, NAIROBI FOR REDSO/EA

47

48 E O. 12065: N/A

49 TAGS:

50

51 SUBJ SUPPORT FOR SOMALIA CDA FORESTRY AND FUELWOOD

52 SECTOR INITIATIVES

53

54 REFS: (A) MOGADISHU 2502; (B) MOGADISHU 0356; (C) STATE

55 23500; (D) KELLY-AFR/EA TELECON 2/23/82

56

57 1. MISSION REQUEST, PER REFTEL (E) FOR DOLS. 250,200-

58 OF PD AND 8 MONIES HAS BEEN APPROVED.

59

60 2. REQUEST AS OUTLINED IN ACTION MEMORANDUM INCLUDES

61 THE FOLLOWING ACTIVITIES:

62

63 -A. TA FOR REVIEW OF NATURAL RESOURCE LEGISLATION;

64 DOLS. 100,000.

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66 -B. EQUIPMENT AND SUPPLIES FOR AFGOI SCHOOL; DOLS. 50,200.

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-C. INITIATION OF SOIL AND WATER PROJECT IN NORTHEASTERN SOMALIA; DOLS. 60,200.

-D. PREPROJECT EVALUATIONS AND ANALYSES; DOLS. 40,000. COMPLETE TEXT OF MEMORANDUM HAS BEEN FOUCHED.

3. AID/W WISHES TO KNOW IF USAID WILL BE PREPARING OBLIGATING DOCUMENTS, OR IF THESE DOCUMENTS ARE TO BE PREPARED IN WASHINGTON.

4. IN ADDITION, INFORMATION AS TO FORM OF REQUEST AND TENTATIVE SCHEDULING OF ACTIVITIES IS DESIRED; I.E. WILL REQUEST BE FOR INDIVIDUAL ACTIVITIES, OR WILL ONE REQUEST FOR TOTAL AMOUNT BE PREPARED? IF REQUESTS WILL BE FOR INDIVIDUAL ACTIVITIES. WHAT IS TENTATIVE SEQUENCE?

5. IF MISSION WILL PREPARE PIO/T(S), ADVISE AID/W SO FUND CITE(S) MAY BE FURNISHED. PLEASE FURNISH DOLLAR AMOUNT OF PIO/T(S) FOR RESERVATION OF FUNDS. HAIG



FEB 16 1982

Noted  
(jw)

ACTION MEMORANDUM TO THE ASSISTANT ADMINISTRATOR FOR AFRICA

FROM: AAA/AFR/DR. <sup>jw Koehring</sup> John W. Koehring

SUBJECT: Request of \$250,000 of PD&S Funds for Support of the Somalia CDA Forestry and Fuelwood Sector Initiatives

REFERENCES: Mogadishu 0502  
Mogadishu 0356  
Mullally/Shea Discussion of February 2, 1982  
North/Ruddy Memo of December 21, 1981

I. Problem: Authorization is needed for the use of \$250,000 of PD&S funds to provide immediate support funds to the USAID mission in Somalia for the proposed CDA Forestry and Fuelwood Sector Initiatives.

II. Discussion:

A. Introduction

As noted in the Information Memorandum from Haven North (attached), the CDA collaborative forestry initiative has been progressing and is producing desirable preliminary results. Namely, the governments of the "initial focus countries" are preparing in-country reviews of the sector, and communications between the actors involved in forestry within the countries have increased considerably. These preliminary discussions and analyses of the sector have resulted in the identification of a number of activities that the CDA committee feels require immediate attention.

B. Background

The Somalia forestry situation is bleak. Fuelwood and charcoal are at present the main forestry products and the major source of household energy. The rate of deforestation has increased with the influx of refugees and the resulting demand for fuel has risen drastically. It is around these centers of population that biomass production capabilities have been severely strained.

The government has developed a long term program to combat the deforestation and desertification problem within the CDA framework and following our recommended procedure. The USAID mission is preparing a PID for Washington review, proposing how we best can support and complement planned efforts to achieve the goal of CDA in

Somalia, i.e. CDA donors should bilaterally and collectively use their influence and overall assistance resources to help African governments to increase their capacity to undertake, as fast as is technically possible, larger scale forestry and fuelwood production programs as part of their overall land use planning and socio-economic development efforts.

C. Discussion

In the interim, each of the CDA donors in Somalia, plus Italy and FAO/UNDP, have pledged financial support for certain preliminary, pre-project activities. The sum of these pledges total in excess of \$1,500,000 for such assistance as improved charcoal production, research assistance on frankincense and myrrh, training, and reforestation in the Northeast.

The U.S., as principal contact and liaison between the CDA donors and Somalia government officials, has designed and championed the very simple but essential process which has identified certain essential fuelwood components necessary for any successful nationwide reforestation effort. One result of this analytical process is the CDA forestry project, which is currently being reviewed.

During the period before the forestry project becomes a reality, the mission wishes to fund a series of activities which it feels cannot be delayed. The reasons for the immediacy include:

1. demonstrate U.S. support for the CDA process, following the initial pledges of other CDA donors.
2. need for certain reconnaissance and feasibility studies to determine if the proposed long term cooperative sector program has sufficient merit.
3. the expressed desire and obvious need for a restructuring of forest legislation.

Those immediate action interventions USAID/Mogadishu has expressed a desire to support include:

1. Technical assistance to the government for a review of existing legislation concerning forestry and renewable natural resources and assistance in drafting an updated and amended version of existing forestry legislation.  
.....\$100,



DEC 21 1981

**INFORMATION MEMORANDUM FOR THE ASSISTANT ADMINISTRATOR, FOR AFRICA BUREAU**

**FROM:** DAA/AFR, W. Haven North /s/ W. Haven North

**SUBJECT:** Support for CDA Forestry and Fuelwood Initiatives in Selected Countries: A Progress Report

At the September policy meeting in Ottawa, the U.S. and its CDA colleagues reached agreement on the general approach and in-country procedures by which we would collaborate more closely to encourage African governments to undertake expanded national programs in reforestation and fuelwood supply. We also agreed to begin in five countries: Senegal, Malawi, Somalia, Burundi and Upper Volta. In each of these countries, current CDA and other donor bilateral projects in this sector already provide a substantial assistance base.

During the course of a year of consultations, the U.S. has emphasized the importance of generating joint in-country reviews to (a) quantify the reforestation and fuelwood supply needs, including the implied land requirements; and (b) inventory current combined African and donor efforts in terms of their effectiveness in providing the main components needed for successful national programs. We consider the process by which African governments are encouraged to review their fuelwood needs as important as any additional projects which may be recommended to donors and considered by them for support.

We now have preliminary reports from three of the countries indicating that the governments of Somalia, Malawi and Senegal are already engaged in undertaking the desired in-country reviews:

1. The Government of Somalia has circulated a five-year forestry sector paper and proposed program. With U.S. encouragement, the government has organized an informal in-country donor group to review the sector needs and the proposed projects. Based on these findings, USAID Somalia is preparing project identification documentation and recommendations for U.S. participation in Somalia's longer term forestry planning and programming.
2. In Malawi, the Malawi Forestry Department is preparing a forest strategy paper along the lines of the suggested CDA approach which will be submitted to the local CDA group. This is being chaired, at our invitation, by the U.S. High Commissioner who will arrange a working meeting with other donors to discuss the Malawi report and recommendations once they have been received.

3. In Senegal, the Senegalese Ministry of Water and Forests is completing its review of a long range sector plan developed, with French assistance, during the past two years. France has accepted the U.S. invitation to serve as principal point of CDA member contact in Senegal and has appointed the Chief of the Forestry Section of the Ministry of Cooperation and Development to serve in that capacity. He and the USAID Mission director are planning a working session to be held in Dakar sometime during the next three months, under the sponsorship of the CILSS/Club du Sahel. Donors will jointly examine with Senegalese officials the conclusions of the sector Plan and consider the most effective ways to assist in the progressive execution of the proposed program.

As partners in the CDA effort and particularly as the coordinator of this initiative we wish to be able to move promptly in responding to any Mission requests and recommendations which may result from these first in-country joint reviews.\*

I recognize that these developments have come in the midst of funding stringencies. Although all the Missions in the selected countries had expressed interest in being included in these pilot CDA initiatives, any additional activities will be competing with previously established country program ceilings and priorities. We will need the active support of our Office Directors and Division Chiefs in order to meld any additional start up activities with AID's regular programming procedures. As previously planned, we hope to be able to draw on funds earmarked for the Energy Initiatives for Africa Project (600-0424) to finance initial activities of the type mentioned in the footnote, which may not be included in current approved country programs. Beyond this stage, we will expect each Mission to program further recommended support as part of the USAID annual country submissions through AID's regular planning and budgeting cycle.

I consider this more systematic in-country African/donor sectoral planning and coordinating process an important AID programming initiative. It can provide opportunities for AID to make more efficient use of its current and future development assistance, not only in this sector but in others as well. We have a great deal to gain if an improved programming process for forestry and fuelwood takes hold in these pilot countries.

We will keep you informed of further developments.

\*Note: Possible requests might be for project design, training or for Landsat-based production and printing of maps tailored to the African government's land use or other development planning needs, a service CDA members have agreed could be useful. (Preliminary estimates from the ISRD and from the Remote Sensing Mapping Facility in Nairobi suggest costs in the range of \$150,000 to \$300,000 per country for a map reproduction service of this type.) However, we do not know at this stage whether these will be among activities that African governments may request or that USAIDs might recommend for AID funding.

Distribution

AAA/AFR/DP, Mr. Coker  
AAA/AFR/DR, Mr. Koehring  
AFR/EA, Mrs. H. Johnson  
AFR/SMA, Mr. Gilbert  
AFR/CA, Mr. Spencer  
AFR/SA, Mr. Morse  
AFR/PA, Mr. Miller  
AFR/SA, Mr. Wilhelm  
AF/EPG, Mr. Pringle (Rm. 5242)  
AFR Mission Directors  
AFR REDSOs

## Clearances:

AFR/DP, J. Hicks (subst)  
AAA/AFR/DR, J. Koehring (subst)  
AFR/DR, L. Heilman (draft)  
AFR/DR/SDP, R. MacAlister (draft)  
AFR/ZA, H. Riegelman (draft)

Drafted:AFR/DR/SDP:FGulick:12/18/61

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action Monitor L.B.

SER/CM/SD/SUP Action Office COD/AN

INSTRUCTIONS: AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy; Copy 3 Contracting Officer's Copy; Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name <u>VITA</u>			
PIO/T Number <u>688-0217-3-10044</u>	Appropriation Number <u>72-11X1012</u>	Allotment Number <u>GSIH-81-21688-KG18</u>	Project Number <u>936-5701</u>
Project Title <u>Renewable Energy Development (Low Cost Energy Technology for Poor) (Mali)</u>			
Amount of this PIO/T <u>\$20,385 (inc.)</u>	Project Manager's Name and Office Symbol <u>Roger Simmons, AFR/DR/SWAP</u>		Contractor's D-U-N-S Number
Negotiator's Typed Name <u>FRAME</u>		Signature <i>Joyce Frame</i>	Date <u>10 May 1982</u>
Contract/Grant Officer's Typed Name <u>M. Darwin</u>		Signature <i>[Signature]</i>	Date

**PART IB.**

Contract/Grant Number <u>AID/DSAN-CA-0182</u>	Type Order	Order Number	Amendment/Modification Number <u>14</u>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <u>4/19/82</u>
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**PART II.**

Effective Date of Document <u>11 May 1982</u>	Signature Date of Document <u>11 May 1982</u>	Estimated Completion Date <u>30 Aug. 1984</u>	Contract/Grant funded through (date) <u>30 Aug 1982</u>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/Subobligated by this Action <u>\$19,341</u>	Cumulative Obligation thru this Action <u>\$4,483,635</u>

**PART III.**

Description of Contract/Grant: Please 'X' ONLY ONE item under each heading. IF OTHER, please specify. (Complete both pages 1 and 2). NOTE: Not to be completed for Amendment or Modification Actions.

**M03 - TYPE ACTION**

- 0 Contract/Grant/Cooperative Agreement
- 1 Task Order (BOA)\*
- 2 Work Order (IQC)\*
- 3 Delivery Order (Requirements)\*
- 4 Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc.)
- 1. Fixed Price (Specify FFP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2. Cost Reimbursement (Specify CR, CPFF, CS, CPAF, CPIF) \_\_\_\_\_
- 3. Cooperative Agreement
- 4. Grant - General Support\*
- 5. Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7. Do Not Use
- 8. IQCs
- 9. Host Country Contract/Grant\*

\*Complete ONLY through M51

**M05 - SELECTION PROCEDURES**

- A. Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B. Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C. A & E (AIDPR 7-4.10)
- D. Ed. Inst. and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7-4.58)
- F. Predominant Capability (AIDPR 7-3.101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3.101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L. Grant (Handbook 13)
- M. Do Not Use
- N. Cooperative Agreement (Handbook 13)
- O. Small Business Set-Aside (FPR 1-1.706-8)
- P. Overseas Procuring Activities (AIDPR 7-3.101-50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B. Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc.)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

STAT Section  
MAY 25 1982  
ENTERED

MAY 20 1982

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

JEF

ORIGINAL

MAY 11 1982

Mr. Ralph Gofney  
Controller  
Volunteers in Technical Assistance  
3706 Rhode Island Avenue  
Mt. Rainier, MD 20822

Subject: Cooperative Agreement  
No. AID/DSAN-CA-0182,  
Amendment No. 14

Dear Mr. Gofney:

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 hereby amends the subject Cooperative Agreement to provide funds for an evaluation of the Mali Renewable Energy Development Project as more fully described in the attached scope of work.

A. COVER PAGE

From "Amount Obligated" delete the amount "\$4,464,294" and substitute in lieu thereof the amount "\$4,483,635".

B. ARTICLE I - COOPERATIVE AGREEMENT

1. Delete from paragraph B.1 the figure "\$4,464,294" and substitute in lieu thereof the figure "\$4,483,635".
2. Delete from paragraph B.2 the figure "\$5,524,706" and substitute in lieu thereof the amount "\$5,505,365".

C. PROGRAM DESCRIPTION

Under Paragraph C. entitled "Specific Objectives", subparagraph 7. which provides for short-term in-country services to USAID Missions and host country governments, add the following effort:

ORIGINAL



"1. Evaluation of Project No. 688-0217, Mali Renewable Energy Development

- a. VITA will provide an energy management expert who will serve as leader of a team which will evaluate the Mali Renewable Energy Development Project in accordance with the attached scope of work. The other team members are:

U.S. Energy Specialist (REDSO/WA)  
U.S. Social Scientist (REDSO/WA)  
African Energy Expert

- b. The energy management expert will work under the direction of the USAID/Mali Mission Director and his designated evaluation officer, who will be his primary contact. Cooperating country liaison officials will be determined by the Mission as appropriate. The energy management expert will cooperate, communicate and coordinate closely with other project evaluation personnel in the professional work, including data collection, analysis, discussions and report writing.
- c. In examining experience with this project to date, the team will, where possible, make observations and draw conclusions and guidance which may be applicable elsewhere for improving program performance, sharpening AID's approach and selecting the most promising technologies that hold potential for widespread replication and maximum development impact.
- d. The detailed Scope of Work for this effort, set forth in Attachment A hereto, is made a part hereof."

D. Payment for this effort will be made by the Controller, USAID/Mali. The following financial data must appear on all vouchers submitted for payment pursuant to this amendment:

(1) PIO/T No. : 688-0217-3-10044  
(2) Appropriation No. : 72-11X1012  
(3) Allotment No. : GSHX-81-21688-KG18

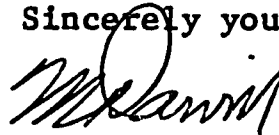
**E. STANDARD PROVISIONS**

Delete Standard Provision No. 14 entitled "Termination" and substitute in lieu thereof the attached Standard Provision No. 14 entitled "Termination and Suspension".

Except as expressly herein amended, the Cooperative Agreement, as previously amended, remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign the original and ten (10) copies of this amendment in the space provided below and return the original and nine (9) copies to this office.

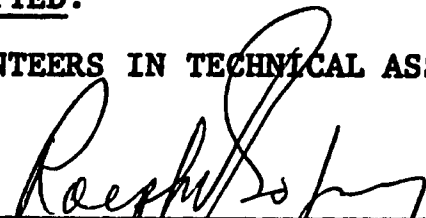
Sincerely yours,



Morton Darvin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

**ACCEPTED:**

**VOLUNTEERS IN TECHNICAL ASSISTANCE**

By: 

Title: Controller

Date: 5/17/82

**Fiscal Data**

Amount Obligated by this Amendment	:	\$19,341
Total Obligated Amount	:	\$4,483,635
Appropriation No.	:	72-11X1012
Allotment No.	:	GSHX-81-21688-KG18
Project No.	:	688-0217
PIO/T No.	:	688-0217-3-10044
Total Estimated Cost	:	\$9,989,000

SCOPE OF WORKMALI

1. The evaluation will be primarily an in-depth assessment of the technical work of the Solar Energy Laboratory in developing, testing and modifying for village use the technologies which are to be deployed for field testing. The evaluation will include:
  - a. a careful review of records kept by the lab on tests it will have performed on each device;
  - b. the device's cost and performance characteristics under given conditions;
  - c. input and output records;
  - d. an examination of the physical equipment to assess whether it is functioning properly, whether it is receiving proper care and maintenance, whether it is being used in a cost effective manner, i.e., the amount of use justifies the investment and whether lab personnel understand its operation and are effectively using it;
  - e. an assessment of whether the results of tests, insolation and weather data are being properly recorded, reduced, analyzed and compared to theoretical models;
  - f. an examination of the effectiveness of the technical assistance supplied to the lab and an assessment of the lab personnel's ability to carry on the work without a visiting engineer/scientist in residence;
  - g. an examination of the effectiveness of the lab management in the technical program, in outlining goals and paths to reach them, in communication with lab personnel, in utilizing personnel and in collaborating and coordinating with other organizations working on renewable energy and with the survey organization;
  - h. an examination of the lab's commitment to the survey, its liaison with the survey organization, its technical contribution to the survey and its use of potential for use of the survey data;
  - i. given available survey data assess the relevance of the lab R&D work to the rural village needs.

2. When assessing the technical program the evaluation team should consider whether the Phase I tasks have been accomplished. These include:
  - a. installation and operation of insolation, temperature and wind measuring equipment;
  - b. performed quantitative performance tests on the lab's present hot water heater;
  - c. improvement of the construction of the hot water heater;
  - d. performed quantitative performance tests on the lab's prototype crop/fish dryer;
  - e. improvement of the construction of the crop/fish dryer;
  - f. development of an efficient wood-burning stove using readily available materials;
  - g. development of a photovoltaic battery charger, emphasizing reliability and ease of operation;
  - h. installation of the early start solar pumps;
  - i. training of two engineers in the U.S., and
  - j. construction of about 12 prototypes for installation in villages.
3. The evaluation team, especially the management expert, will also be called upon to assess:
  - a. the long term viability of the lab in relation to CEAO/CRES and other donor activity;
  - b. the ability or potential for the lab to become partially or wholly economically and financially self supporting; and
  - c. the structures and organizations that have been created to assure coordination, collaboration and planning, and what contractual modes would be best for continuation of project activities.
4. A six day work week is authorized. No premium pay authorized.

REQUIRED REPORTS

The team leader will coordinate the reports of other team members and, based upon his own management report and those of the others, prepare the overall evaluation, summary and report.

A draft report will be submitted in English in 3 copies to USAID/Mali by May 14, 1982 with 2 copies submitted to AFR/DR/SDP shortly thereafter.

A final report will be submitted in English and French (25 copies each) to USAID/Mali (15 copies) and AFR/DR/AID/W (10 copies) by June 11, 1982.

\*Delete Standard Provision 14, dated "2-82",  
and substitute the following:

**\* 14. TERMINATION AND SUSPENSION**

(a) For Cause. This grant may be terminated for cause at any time, in whole or in part, by the Grant Officer upon written notice to the Grantee, whenever it is determined that the Grantee has failed to comply with the conditions of the grant.

(b) For convenience. This grant may be terminated for convenience at any time by either party, in whole or in part, if both parties agree that the continuation of the grant would not produce beneficial results commensurate with the further expenditure of funds. Both parties shall agree upon termination conditions, including the effective date and, in the case of partial terminations, the portion to be terminated. The agreement to terminate shall be set forth in a letter from the Grant Officer to the Grantee.

(c) Termination Procedures. Upon receipt of and in accordance with a termination notice as specified in either paragraph (a) or (b) above, the Grantee shall forthwith take immediate action to minimize all expenditures and obligations financed by this grant, and shall cancel such unliquidated obligations whenever possible. Except as provided below, no further reimbursement shall be made after the effective date of termination, and the Grantee shall within 30 calendar days after the effective date of such termination repay to the Government all unexpended portions of funds theretofore paid by the Government to the Grantee which are not otherwise obligated by a legally binding transaction applicable to this grant. Should the funds paid by the Government to the Grantee prior to effective date of the termination of this grant, be insufficient to cover the Grantee's obligations pursuant to the aforementioned legally binding transaction, the Grantee may submit to the Government within 90 calendar days after the effective date of such termination a written claim covering such obligations, and, subject to the limitations contained in this grant, the Grant Officer shall determine the amount or amounts to be paid by the Government to the Grantee under such claim in accordance with the applicable Federal cost principles.

(d) Suspension: Termination for Changed Circumstances. If at any time AID determines (1) that disbursement by AID would be in violation of applicable law, or (2) that continuation of funding for a program should be suspended or terminated because such assistance is not in the national interest of the United States, then AID may, following notice to the Grantee, suspend this Grant and prohibit the Grantee from incurring additional obligations chargeable to this Grant other than necessary and proper costs in accordance with the

\*This is Standard Provision 5 for AID Forms 1420-53 & -54.

terms of this Grant during the period of suspension. If the situation causing the suspension continues to pertain for 60 days or more, then AID may terminate this Grant on written notice to the Grantee and cancel that portion of this Grant which has not been disbursed or irrevocably committed to third parties. Financial settlement of this Grant shall be governed by the termination procedures specified in paragraph (c) above.

**Project Funded**

AID 1350-1 (10-79)	<b>UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY</b> AGENCY FOR INTERNATIONAL DEVELOPMENT  <b>PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES</b>	1. Cooperating Country <b>MALI</b>	Page 1 of 7 Pages
PIO/T		2. PIO/T No. <b>688-0217-3-10044</b>	3. <input checked="" type="checkbox"/> Original or Amendment No. _____
		4. Project/Activity No. and Title <b>Renewable Energy Development(688-0217) (Low Cost Energy Technology for Poor) 936-5701)</b>	

<b>DISTRIBUTION</b>	5. Appropriation Symbol <b>72-11X1012</b>	6. Allotment Symbol and Charge <b>GSHX-81-21688-KG18</b>
	7. Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Implementing Document	8. Project Assistance Completion Date (Mo., Day, Yr.) <b>1984</b>
	9. Authorized Agent <b>AID/W      CM/SOD</b>	10. This PIO/T is in full conformance with PRO/AG Date _____
	11a. Type of Action and Governing AID Handbook <input type="checkbox"/> AID Contract (HB 14) <input type="checkbox"/> PASA/RSSA (HB 12) <input type="checkbox"/> AID Grant (HB 13) <input checked="" type="checkbox"/> Other	11b. Contract/Grant/PASA/RSSA Reference Number (if this is an Amendment) <b>Contract AID DSAN CA0182 (Cooperative Agreement)</b>

12. Estimated Financing (A detailed budget in support of column (2) is attached as attachment no. 1)

Maximum AID Financing	A Dollars	(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
					<b>20,385</b>
	B. U.S. Owned Local Currency				

13. Mission References

Bamako 0620  
2/3/82

Bamako 0602  
2/2/82

14a. Instructions to Authorized Agent

Please amend AID's Cooperative Agreement with VITA (Block 11b) to provide the services described in Attachment 2 (statement of Work) under the Low Cost Energy Technology for Poor project (936-5701) using funds provided from the Mali Renewable Energy Development project (688-0217). VITA telephone number is 277-7000.

14b. Address of Voucher Paying Office

**USAID/Mali**

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 are technically adequate	Phone No.	B. The statement of work lies within the purview of the initiating and approved agency programs
Roger Simmons, AFR/DR/SWAP	Date	Jonathan McCabe, AFR/DR/SWAP
John Blumgart, AFR/DR/SDP	Date <b>3/29/82</b>	D. Funds for the services requested are available Project funded per Bamako 0620 dated 2/3/82
Mark Ward, AFR/DR/SDP	Date <b>3/29/82</b>	
Rose Werlin, AFR/SWA/SMM	Date <b>3/29/82</b>	
E. Normanno Caticchio, AFR/DR/PSS	Date <b>4/1/82</b>	
Alver R. Roan, AFR/DR/SDP	Date <b>4/5/82</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 _____ Date _____	Signature <b>John W. Koehring</b> Date <b>APR 2 1982</b>
Title _____	Title <b>Director. AFR/DR</b>

*Logged 4/1/82 BSR/...*



AID 1350-1 (10-79)  PIO/T	1. Cooperating Country <b>MALI</b>	2. PID/T No. <b>688-0217-3-10044</b>	Page 2 of 7 Pages
	4. Project/Activity No. and Title <b>Renewable Energy Development (688-0217)</b>		

**SCOPE OF WORK**

18. THE SCOPE OF TECHNICAL SERVICES REQUIRED FOR THIS PROJECT ARE DESCRIBED IN ATTACHMENT NUMBER 2 HERETO ENTITLED "STATEMENT OF WORK".

**19. SPECIAL PROVISIONS**

- A.  LANGUAGE REQUIREMENTS (SPECIFY) \_\_\_\_\_  
(IF MARKED, TESTING MUST BE ACCOMPLISHED BY AID TO ASSURE DESIRED LEVEL OF PROFICIENCY)
- B.  ACCESS TO CLASSIFIED INFORMATION  WILL  WILL NOT BE REQUIRED BY TECHNICIAN(S).
- C.  DUTY POST(S) AND DURATION OF TECHNICIANS' SERVICES AT POST(S) (MONTHS)  
**Bamako, Mali - 1 month**
- D.  DEPENDENTS  WILL  WILL NOT BE PERMITTED TO ACCOMPANY TECHNICIAN.
- E.  WAIVER(S) HAVE BEEN APPROVED TO ALLOW THE PURCHASE OF THE FOLLOWING ITEM(S) (COPY OF APPROVED WAIVER IS ATTACHED)
- F.  COOPERATING COUNTRY ACCEPTANCE OF THIS PROJECT (APPLICABLE TO AID/W PROJECTS ONLY)  
 HAS BEEN OBTAINED  HAS NOT BEEN OBTAINED  
 IS NOT APPLICABLE TO SERVICES REQUIRED BY PIO/T
- G.  OTHER (SPECIFY)

A six day work week is authorized. No premium pay authorized.

**20. BACKGROUND INFORMATION (ADDITIONAL INFORMATION USEFUL TO AUTHORIZED AGENT)**

**21. SUMMARY OF ATTACHMENTS ACCOMPANY THE PIO/T (INDICATE ATTACHMENT NUMBER IN BLANK)**

- 1 DETAILED BUDGET IN SUPPORT OF INCREASED FUNDING (BLOCK 12)
- \_\_\_\_\_ EVALUATION CRITERIA FOR COMPETITIVE PROCUREMENT (BLOCK 14)
- \_\_\_\_\_ JUSTIFICATION FOR NON-COMPETITIVE PROCUREMENT (BLOCK 14)
- 2 STATEMENT OF WORK (BLOCK 18)
- \_\_\_\_\_ WAIVER(S) (BLOCK 19) (SPECIFY NUMBER)

AID 1350-1 (10-79)  PIO/T	1. Cooperating Country <b>MALI</b>	2. PIO/T No. <b>688-0217-3-10044</b>	Page 3 of 7 Pages
	4. Project/Activity No. and Title <b>Renewable Energy Development (688-0217)</b>		

22. Relationship of Contractor or Participating Agency to Cooperating Country and to AID

A. Relationships and Responsibilities

The consultant will work under the direction of the USAID/Mali Mission Director and his designated evaluation officer, who will be his primary contact. Cooperating country liaison officials will be determined by the Mission as appropriate. The consultant will cooperate, communicate and coordinate closely with other project evaluation personnel in the professional work, including data collection, analysis, discussions and report writing.

B. Cooperating Country Liaison Official: As designated by the Mission Evaluation Officer

C. AID Liaison Officials

David Wilson, Director, USAID/Mali                      Robert Shoemaker, Evaluation Officer, USAID/Mali  
 Jon Anderson, Energy Officer, USAID/Mali  
 Mark Ward, Energy Advisor, Bureau for Africa, AID/W

LOGISTIC SUPPORT

23. Provisions for Logistic Support

A. Specific Items (Insert "X" in applicable column as right. If entry needs qualification, insert asterisk and explain below in C. "Comments")	IN KIND SUPPLIED BY		FROM LOCAL CURRENCY SUPPLIED BY		TO BE PROVIDED OR ARRANGED BY SUPPLIER
	AID	COOPERATING COUNTRY	AID	COOPERATING COUNTRY	
(1) Office Space	X				
(2) Office Equipment	X				
(3) Housing and Utilities                      N/A					
(4) Furniture                                      N/A					
(5) Household Equipment (Stoves, Refrig., etc.) N/A					
(6) Transportation in Cooperating Country	X				X
(7) Transportation To and From Country					X
(8) Interpreter Services/Secretarial (if available)					X
(9) Medical Facilities	X				
(10) Vehicles (official)					
(11) Travel Arrangements/Tickets					X
(OTHER SPECIFY)					
(12)					
(13)					
(14)					
(15)					

B. Additional Facilities Available From Other Sources

- APO/FPO                                       PX                                       COMMISSARY
- OTHER (Specify, e.g., duty free entry, tax exemption)

BUDGET

The technical services required by this PIO/T are expected to begin on April 12, 1982 and end on May 15, 1982.

Personnel

	<u>Estimated Cost</u>
Team leader (Richard Graham) at \$214/day x 30 days	\$6,420
Secretary (local hire) at \$6/hour x 75 hours	450

Travel

Round trip air fare Washington, D.C. - Bamako - Abidjan - Washington, D.C. (excursion)	2,000
In-country travel: vehicle rental for evaluation team at \$50/day x 6 days	300
taxis, taxes, airport transport (team leader only)	100

Expenses

Per diem: Travel at \$6/day x 4 quarters	24
En route (Dakar) at \$91/day x 2 days	182
Bamako, Mali at \$111/day x 28 days	3,108
Abidjan, Ivory Coast at \$101/day x 3 days	303
DBA insurance at \$3.05 per \$100	176
Visas, inoculations, PP, Processing Costs	150
	<u>(13,213)</u>

Project support

Bamako: Translation of report at \$50/1000 words, 12,000 words	600
Telex, telephone, postage	225
VITA, Mt. Rainier:	
Project management, \$150/day x 5 days *	750
Secretarial support \$90/day x 2 days *	180
Duplication of final report (25 French, 25 English copies)	200
Telephone, telex, postage, office supplies	275
	<u>(2,230)</u>

Total direct costs	<u>15,443</u>
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VITA overhead at 32% of direct costs	<u>4,942</u>
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Total VITA costs	<u>\$20,385</u>
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\* Includes employee benefits and occupancy

STATEMENT OF WORKA. OBJECTIVE

1. The contractor will provide an energy management expert who will serve as leader of a team which will evaluate the Mali Renewable Energy Development project (688-0217). The other team members are:

U.S. Energy specialist (REDSO/WA)  
U.S. Social Scientist (REDSO/WA)  
African Energy Expert

2. In examining experience with this project to date, the team will, where possible, make observations and draw conclusions and guidance which may be applicable elsewhere for improving program performance, sharpening AID's approach and selecting the most promising technologies that hold potential for widespread replication and maximum development impact.

B. SCOPE OF WORK

1. The evaluation will be primarily an in-depth assessment of the technical work of the Solar Energy Laboratory in developing, testing and modifying for village use the technologies which are to be deployed for field testing. The evaluation will include:
  - a. a careful review of records kept by the lab on tests it will have performed on each device;
  - b. the device's cost and performance characteristics under given conditions;
  - c. input and output records;
  - d. an examination of the physical equipment to assess whether it is functioning properly, whether it is receiving proper care and maintenance, whether it is being used in a cost effective manner i.e. the amount of use justifies the investment and whether lab personnel understand its operation and are effectively using it;
  - e. an assessment of whether the results of tests, insolation and weather data are being properly recorded, reduced, analyzed and compared to theoretical models;

- f. an examination of the effectiveness of the technical assistance supplied to the lab and an assessment of the lab personnel's ability to carry on the work without a visiting engineer/scientist in residence;
  - g. an examination of the effectiveness of the lab management in the technical program, in outlining goals and paths to reach them, in communication with lab personnel, in utilizing personnel and in collaborating and coordinating with other organizations working on renewable energy and with the survey organization;
  - h. an examination of the lab's commitment to the survey, its liaison with the survey organization, its technical contribution to the survey and its use of potential for use of the survey data;
  - i. given available survey data assess the relevance of the lab R&D work to the rural village needs.
2. When assessing the technical program the evaluation team should consider whether the Phase I tasks have been accomplished. These include:
- a. installation and operation of insolation, temperature and wind measuring equipment;
  - b. performed quantitative performance tests on the lab's present hot water heater;
  - c. improvement of the construction of the hot water heater;
  - d. performed quantitative performance tests on the lab's prototype crop/fish dryer;
  - e. improvement of the construction of the crop/fish dryer;
  - f. development of an efficient wood-burning stove using readily available materials;
  - g. development of a photovoltaic battery charger, emphasizing reliability and ease of operation;

- h. installation of the early start solar pumps;
  - i. training of two engineers in the U.S., and
  - j. construction of about 12 prototypes for installation in villages.
3. The evaluation team, especially the management expert, will also be called upon to assess:
- a. the long term viability of the lab in relation to CEAO/CRÉS and other donor activity;
  - b. the ability or potential for the lab to become partially or wholly economically and financially self supporting; and
  - c. the structures and organizations that have been created to assure coordination, collaboration and planning, and what contractual modes would be best for continuation of project activities.

C. REQUIRED REPORTS

The team leader will coordinate the reports of other team members and, based upon his own management report and those of the others, prepare the overall evaluation, summary and report.

A draft report will be submitted in English in 3 copies to USAID/Mali by May 14, 1982 with 2 copies submitted to AFR/DR/SDP/W shortly thereafter.

A final report will be submitted in English and French (25 copies each) to USAID/Mali (15 copies) and AFR/DR/AID/W (10 copies by June 11, 1982.

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INTEREST IN FILLING THIS POSITION.

ACTION OFFICE AFDR-06  
INFO AAF-01 AFFW-04 AFCW-03 AFDP-02 PPCE-01 PDP-01 PPPB-03  
GC-01 GCFL-01 IDCA-01 AAST-01 STEY-01 PASA-02 AFDA-01  
DOE-01 RELO-01 MAST-01 GACF-01 /033 A1 11-3

INFO OCT-00 AF-10 ANAD-01 /046 W  
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FM AMEMBASSY BAHAKO  
TO AMEMBASSY ABIDJAN  
AMEMBASSY LOME  
SECSTATE WASHDC 5534

UNCLAS SECTION 1 OF 2 BAHAKO 0602

AIDAC

ABIDJAN FOR REDSO/WA; LOME FOR SOL SHERMAN;

AID/W FOR AFR/DR/SWA, SIMMONS AND AFR/DR/SDP BLUNGART AND

WARD.

EO 12065: N/A  
SUBJ: MALI RENEWABLE ENERGY PROJECT (580-0217): EVALUATION  
TERMS OF REFERENCE.

1. USAID/BAHAKO REQUESTS AID/W ASSISTANCE IN CONDUCTING A  
TECHNICAL EVALUATION OF SUBJECT PROJECT IN ACCORDANCE WITH  
PROJECT PAPER (P. 39 AND APPENDIX E). THE EVALUATION IS  
EXPECTED TO TAKE 3 TO 4 WEEKS TO COMPLETE AND WILL REQUIRE A  
FOUR-MAN TEAM. A POSITIVE RESULT IS A PRECONDITION TO CONTINUED  
USAID PROJECT INVOLVEMENT THEREFORE THE EVALUATION WILL BE  
PERFORMED UNDER USAID AUSPICES WITH THE COOPERATION OF THE  
GR.

WH THE PRIMARY OBJECTIVE OF THE EVALUATION IS TO DETERMINE  
WHETHER THE MALIAN SOLAR ENERGY LABORATORY IS AN EFFECTIVELY  
FUNCTIONING ORGANIZATION CAPABLE OF PERFORMING ITS ROLE IN THE  
OVERALL PROGRAM.

3. PERSONNEL REQUIREMENTS AND EVALUATION SCHEDULE.

(A) MANAGEMENT EXPERT (FOUR WEEKS)  
SHOULD HAVE EXTENSIVE EXPERIENCE IN PROJECT MANAGEMENT AND THE  
ADMINISTRATION OF RESEARCH AND DEVELOPMENT PROGRAMS. SHOULD  
HAVE DEVELOPING COUNTRIES WORK EXPERIENCE PREFERABLY IN AFRICA.  
MUST HAVE FSI 03 - 03 LEVEL FRENCH WILL ACT AS TEAM LEADER,  
COORDINATING THE REPORTS OF OTHER TEAM MEMBERS AND BASED UPON  
HIS OWN MANAGEMENT REPORT AND THOSE OF OTHERS PREPARE THE  
OVERALL EVALUATION REPORT POSSIBLE SOURCES OF SUCH AN EXPERT  
IN ADDITION TO THE U.S. ARE CANADA AND ENGLAND I.E. I.T.O.G.  
MISSION WISHES TO STRESS THAT PRACTICAL EXPERIENCE IN MANAGE-  
MENT OF R&D EFFORTS IS MORE IMPORTANT THAN A RECORD OF ACADEMIC  
EVALUATIONS OF ENERGY PROJECTS.

(B) AFRICAN ENERGY SPECIALIST (3 WEEKS).  
SHOULD HAVE EXPERIENCE IN RESEARCH AND DEVELOPMENT IN RENE-  
WABLE ENERGY IN SUB-SAHARAN AFRICA BOTH FROM THE TECHNICAL AS  
WELL AS THE MANAGEMENT/ADMINISTRATIVE SIDE SHOULD HAVE  
PLANNING AND COORDINATION EXPERIENCE ALONG WITH A PROVEN  
RECORD OF TECHNICAL ACCOMPLISHMENTS AND COMPETENCE MUST HAVE  
FRENCH ABILITY AT THE FSI 03-03 LEVEL SHOULD HAVE EXPOSURE TO  
AND KNOWLEDGE OF ONGOING ENERGY RESEARCH AND DEVELOPMENT IN AFRI-  
CA. SHOULD HAVE FAMILIARITY WITH WINDPOWER, SOLAR DRYING, SOLAR  
DISTILLATION, SOLAR WATER HEATING, BIODIGESTERS, PHOTO-  
VOLTAICS AND SOLAR COOKING THE AFRICAN ENERGY SPECIALIST'S  
EXPERIENCE SHOULD BE COMPLEMENTED BY THE U.S. ENERGY EXPERT  
MISSION WOULD APPRECIATE USAID/LOME CONTACTING DR. GRIMMOND OF  
THE SOLAR ENERGY LAB OF THE UNIVERSITY OF BENIN TO ASSESS HIS

(C) U.S. ENERGY SPECIALIST (FOUR WEEKS)  
SHOULD HAVE EXTENSIVE EXPERIENCE AND PROVEN TECHNICAL COMPE-  
TENCE IN RENEWABLE ENERGY RESEARCH AND DEVELOPMENT INCLUDING  
WIND SOLAR AND BIO-ENERGY. SHOULD HAVE UNDERSTANDING OF AND  
EXPERIENCE IN WORKING ON MIDDLE OR LOW LEVEL TECHNOLOGIES.  
SHOULD HAVE GRASP OF THE USE REPAIR AND MAINTENANCE OF SCIENTI-  
FIC AND WORKSHOP EQUIPMENT SHOULD HAVE EXPERIENCE IN DEVELOPING  
COUNTRIES PREFERABLY IN AFRICA. MUST HAVE FRENCH ABILITY AT  
THE FSI 03-03 LEVEL.

(D) SOCIAL SCIENTIST (3 WEEKS)  
SHOULD HAVE EXPERIENCE IN PERFORMING ECONOMIC ANALYSIS OF  
MIDDLE AND LOW LEVEL TECHNOLOGIES AND PROTOTYPES. SHOULD  
HAVE KNOWLEDGE OF ENERGY ASSESSMENT AND SURVEY METHODOLOGIES  
AND ANALYSIS. SHOULD HAVE EXPERIENCE IN CONCEPTING-SURVEY  
RESULTS INTO ACTION PROGRAMS AND PLANS. SHOULD HAVE EXPERIENCE  
IN DESIGNING, IMPLEMENTING AND ANALYZING RURAL SURVEYS. SHOULD  
HAVE EXPERIENCE IN COORDINATING SURVEY AND TECHNICAL WORK.  
MUST HAVE FRENCH-SPEAKING ABILITY TO THE 03-03 LEVEL.  
FOR REDSO/WA: PLEASE ADVISE AVAILABILITY OF DR. FRAUSTIER FOR  
SOCIAL SCIENTIST POSITION.

4. SCOPE OF WORK

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PLANNING.

ACTION OFFICE AFDR-05  
INFO AAAF-01 AFFV-04 AFCV-03 AFDP-02 PPCE-01 PDPR-01 PPPB-03  
GC-01 GCAF-01 GCFL-01 IDCA-01 AAST-01 STEY-01 PASA-02  
AFDA-01 DOE-01 RELO-01 MAST-01 /033 A1 11-3

INFO OCT-00 AF-10 AMAD-01 /046 W  
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TO AMEMBASSY ABIDJAN  
AMEMBASSY LOME  
SECSTATE WASHDC 5535

UNCLAS SECTION 2 OF 2 BAHAKO 00602

AIDAC

THE EVALUATION WILL BE PRIMARILY AN IN-DEPTH ASSESSMENT OF THE TECHNICAL WORK OF THE SOLAR ENERGY LABORATORY IN DEVELOPING, TESTING AND MODIFYING FOR VILLAGE USE THE TECHNOLOGIES WHICH ARE TO BE DEPLOYED FOR FILED TESTING. THE EVALUATION WILL INCLUDE (A) A CAREFUL REVIEW OF RECORDS KEPT BY THE LAB ON TESTS IT WILL HAVE PERFORMED ON EACH DEVICE (B) THE DEVICE'S COST AND PERFORMANCE CHARACTERISTICS UNDER GIVEN CONDITIONS (C) INPUT AND OUTPUT RECORDS, (D) AN EXAMINATION OF THE PHYSICAL EQUIPMENT TO ASSESS WHETHER IT IS FUNCTIONING PROPERLY, WHETHER IT IS RECEIVING PROPER CARE AND MAINTENANCE, WHETHER IT IS BEING USED IN A COST EFFECTIVE MANNER I.E. THE AMOUNT OF USE JUSTIFIES THE INVESTMENT AND WHETHER LAB PERSONNEL UNDERSTAND ITS OPERATION AND ARE EFFECTIVELY USING IT; (E) AN ASSESSMENT OF WHETHER THE RESULTS OF TESTS, INSOLATION AND WEATHER DATA ARE BEING PROPERLY RECORDED REDUCED, ANALYZED AND COMPARED TO THEORETICAL MODELS; (F) AN EXAMINATION OF THE EFFECTIVENESS OF THE TECHNICAL ASSISTANCE SUPPLIED TO THE LAB AND AN ASSESSMENT OF THE LAB PERSONNEL'S ABILITY TO CARRY ON THE WORK WITHOUT A VISITING ENGINEER/SCIENTIST IN RESIDENCE, (G) AN EXAMINATION OF THE EFFECTIVENESS OF THE LAB MANAGEMENT IN THE TECHNICAL PROGRAM, IN OUTLINING GOALS AND PATHS TO REACH THEM, IN COMMUNICATION WITH LAB PERSONNEL, IN UTILIZING PERSONNEL AND IN COLLABORATING AND COORDINATING WITH OTHER ORGANIZATIONS WORKING ON RENEWABLE ENERGY AND WITH THE SURVEY ORGANIZATION; (H) AN EXAMINATION OF THE LAB'S COMMITMENT TO THE SURVEY, ITS LIAISON WITH THE SURVEY ORGANIZATION, ITS TECHNICAL CONTRIBUTION TO THE SURVEY AND ITS USE OR POTENTIAL FOR USE OF THE SURVEY DATA; (I) GIVEN AVAILABLE SURVEY DATA ASSESS THE RELEVANCE OF THE LAB R&D WORK TO THE RURAL VILLAGE NEEDS

WHEN ASSESSING THE TECHNICAL PROGRAM THE EVALUATION TEAM SHOULD CONSIDER WHETHER THE PHASE 1 TASKS HAVE BEEN ACCOMPLISHED THESE INCLUDE (A) INSTALLATION AND OPERATION OF INSOLATION, TEMPERATURE AND WIND MEASURING EQUIPMENT, (B) PERFORMED QUANTITATIVE PERFORMANCE TESTS ON THE LAB'S PRESENT HOT WATER HEATER; (C) IMPROVEMENT OF THE CONSTRUCTION OF THE HOT WATER HEATER; (D) PERFORMED QUANTITATIVE PERFORMANCE TESTS ON THE LAB'S PROTOTYPE CROP/FISH DRYER, (E) IMPROVEMENT OF THE CONSTRUCTION OF THE CROP/FISH DRYER, (F) DEVELOPMENT OF AN EFFICIENT WOOD-BURNING STOVE USING READILY AVAILABLE MATERIALS; (G) DEVELOPMENT OF A PHOTOVOLTAIC BATTERY CHARGER, EMPHASIZING RELIABILITY AND EASE OF OPERATION, (H) INSTALLATION OF THE EARLY START SOLAR PUMPS; (I) TRAINING OF TWO ENGINEERS IN THE U.S., AND (J) CONSTRUCTION OF ABOUT 12 PROTOTYPES FOR INSTALLATION IN VILLAGES.

5. THE EVALUATION TEAM ESPECIALLY THE MANAGEMENT EXPERT AND THE ENERGY SPECIALIST WILL ALSO BE CALLED UPON TO ASSESS (A) THE LONG TERM VIABILITY OF THE LAB IN RELATION TO CEAD/CPEs AND OTHER DONOR ACTIVITY, (B) THE ABILITY OR POTENTIAL FOR THE LAB TO BECOME PARTIALLY OR WHOLLY ECONOMICALLY AND FINANCIALLY SELF SUPPORTING AND (C) THE STRUCTURED AND ORGANIZATIONS THAT HAVE BEEN CREATED TO ASSURE COORDINATION, COLLABORATION AND

6. THE WHOLE EVALUATION TEAM SHOULD BE IN MALI BETWEEN APRIL 5 AND APRIL 26. APPROXIMATELY ONE WEEK WILL BE SPENT ON SHORT-FIELD TRIPS. THE MANAGEMENT EXPERT AND THE ENERGY SPECIALIST WILL STAY AN EXTRA WEEK, UNTIL MAY 3, TO FURTHER ASSESS THE POINTS IN PARA 5 ABOVE AND WRITE THE FINAL REPORT.

7. TEAM MEMBERS ORIGINATING IN THE U.S. SHOULD HAVE A ONE DAY BRIEFING IN WASHINGTON PEOPLE TO BE CONTACTED OR INTERVIEWED INCLUDED DR. ANWAR MALIK, MOULD BAHK; DR DOLORES KOENIG, AMERICAN UNIVERSITY, JAMES HOWE, OF A NEWLY FORMED ENERGY CONSULTING FIRM, JOHN BLUNGART, AFR/DR/SDP, RICHARD FLOOD, SERI; MARK VARD, AFR/DR/SDP, J. D. WALTON, GEORGIA INSTITUTE OF TECHNOLOGY; ALAN WYATT AND ALEX ROQUETA, VITA.

8. TEAM MEMBERS SHOULD REVIEW THE FOLLOWING DOCUMENTS AVAILABLE IN AID/W OR USAID/BAHAKO; RENEWABLE ENERGY PROJECT PAPAEP, CEO FEASIBILITY STUDY FOR THE REGIONAL SOLAR ENERGY CENTER, DR. KOENIG'S TRIP REPORTS, SERI QUARTERLY REPORTS PLUS RESIDENT ENGINEER'S MONTHLY REPORTS, ALAN WYATT'S TECHNICAL REPORT. PROJECT GRANT AGREEMENT. PASA AGREEMENT, THE SURVEY DOCUMENT AND OTHER PROJECT RELATED DOCUMENTS AS APPROPRIATE.

9. ADVISE.  
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ACTION OFFICE AFDR-08  
INFO AAAF-01 AFFW-04 AFCW-03 PPEM-01 IDCA-01 FM-02 AAST-01  
CMGT-02 CTR-02 STEY-01 AFDA-01 DOE-01 OPIC-10 RELO-01  
MAST-01 AFFM-01 /039 A4 83  
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INFO OCT-00 AMAD-01 /036 W  
-----357204 031137Z /15

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TO SECSTATE WASHDC 5545  
INFO AMEMBASSY ABIDJAN

UNCLAS BAMA KO 0620

AIDAC

AID/W FOR AFR/DR/SWA RIGER SIMMONS; ABIDJAN FOR REDSO/WA

SUBJ: RENEWABLE ENERGY PROJECT (688-0217) EVALUATION

REF: STATE 024545

1. TERMS OF REFERENCE, PERSONNEL REQUIREMENTS AND TIMING OF SUBJECT EVALUATION SENT SEPTEL.
2. MISSION HAS RECEIVED REQUEST FROM SERI TO EXTEND PASA DOE/MAL 0217-1-79 UNTIL JULY 30, 1982 AND TO INCREASE FUNDING LEVEL BY DOLLARS 20,000. MISSION IN AGREEMENT WITH EXTENSION TO JULY 30, 1982 AND IS PREPARING PIO/T. HOWEVER MISSION NOT IN AGREEMENT WITH ADDITIONAL FUNDING AT THIS POINT BECAUSE OF LACK OF ACCOUNTING BY SERI FOR PREVIOUS FUNDING LEAVES US UNABLE TO JUDGE MERITS OF THE NEW REQUEST AND BECAUSE SERI HAS NOT YET PROVIDED USAID WITH BUDGET FOR ADDITIONAL FUNDS. USAID WILL CONSIDER INCREASE IN FUNDING IF THESE PROBLEMS RESOLVED.
3. MISSION CONSIDERS THAT APRIL-JULY PERIOD, ALTHOUGH SHORT, OFFERS ENOUGH TIME TO NEGOTIATE NEW PASA AMENDMENT IF EVALUATION INDICATES THE NECESSITY AND DESIRABILITY TO DO SO. HOPEFULLY IT WILL PROVIDE LEAD TIME FOR PROJECT PERSONNEL TO LOOK FOR NEW EMPLOYMENT IF THE EVALUATION IS NEGATIVE. MISSION HAS PLANNED FOR PERSONAL SERVICE CONTRACTS FOR HART AND OTHERS IN CASE SERI WAS UNWILLING, UNABLE OR NOT ASKED TO CONTINUE PROVIDING TECHNICAL SUPPORT AND THE PROJECT STILL NEEDED TECHNICAL ASSISTANCE. THIS CONTINGENCY PLAN MAY NOT BE PUT INTO EFFECT.
4. PROJECT MANAGER WILL BE IN AID/W WEEK OF FEBRUARY 15 AND WILL DISCUSS ALL ASPECTS OF THE EVALUATION AT THAT TIME. HAVE ALSO REQUESTED THAT SERI REP BE PRESENT IN AID/W TO DISCUSS PASA EXTENSION AND RELATED MATTERS.
5. PP FIGURES FOR THE EVALUATION WERE GROSSLY UNDERESTIMATED. PER BUDGET GRANT AMENDMENT NO. 2 US DOLS 100,000 AVAILABLE FOR EVALUATION. REQUEST AID/W ISSUE PIO/T CITING FISCAL DATA AS FOLLOWS:

APPROPRIATION	72-11X1012
BUDGET PLAN CODE	GSHX-81-21688-KG18
PIO/T	688-217-3-10044
NTE	US DOLS 100,000

PLEASE ADVISE BY CABLE ACTUAL AMOUNT OF PIO/T AFTER ISSUANCE.  
BORG

UNCLASSIFIED

**ACTION  
COPY**

UNCLASSIFIED  
*Department of State*

**INCOMING  
TELEGRAM**

PAGE 01  
ACTION AID-35

BAMAKO 01448 191558Z

9012 045232 AID7116

-----  
ACTION OFFICE AFDR-06

INFO AAAF-01 AFFW-04 AFCW-03 PPEM-01 IDCA-01 AAST-01 STEY-01  
AFDA-01 DOE-01 OPIC-10 RELO-01 MAST-01 /032 A4 819  
-----

INFO OCT-00 INR-10 AF-10 EB-08 AMAD-01 /064 W

-----076770 191600Z /38

P 191545Z MAR 82  
FM AMEMBASSY BAMAKO  
TO SECSTATE WASHDC PRIORITY 6008  
INFO AMEMBASSY ABIDJAN

UNCLAS BAMAKO 1448

AJDAC

FOR AFR/DR/SWAP SIMMONS

EO 12065: N/A

SUBJ: MALI RENEWABLE ENERGY EVALUATION TEAM LEADER (688-0217)

REF: STATE 070919

1. MISSION CONCURS ON NOMINATION OF RICHARD GRAHAM AS EVALUATION  
TEAM LEADER/MANAGEMENT SPECIALIST.

2. CONFIRM TIME PERIOD APRIL 15 - MAY 13.  
BORG

UNCLASSIFIED

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action  
Monitor **L. B.**

SER/CM/SD/SUP Action  
Office **COD/AN**

INSTRUCTIONS: AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy, Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name

**Volunteers in Technical Assistance (VITA)**

PIO/T Number <b>96-0089-3-10010</b>	Appropriation Number <b>72-1111021.3</b>	Allotment Number <b>LDA-81-25596-AG18</b>	Project Number <b>96-0089</b>
--	---	--	----------------------------------

Project Title  
**Fuelwood and Alternative Energy Sources**

Amount of this PIO/T <b>\$</b> <del>\$19,500</del> (inc.) <b>39,000</b>	Project Manager's Name and Office Symbol <b>W. McCluskey, RDO</b>	Contractor's D-U-N-S Number
--	--	-----------------------------

Negotiator's Typed Name <b>J. Frame</b>	Signature <i>J. Frame</i>	Date <b>5 May 1982</b>
--	------------------------------	---------------------------

Contract/Grant Officer's Typed Name <b>M. Darwin</b>	Signature <i>M. Darwin</i>	Date
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**PART IB.**

Contract/Grant Number <b>AID/DSAN-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>13</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>4/9/82</b>
--	------------	--------------	--	--

**PART II.**

Effective Date of Document <b>21 April 1982</b>	Signature Date of Document <b>21 April 1982</b>	Estimated Completion Date <b>30 Aug. 1984</b>	Contract/Grant funded through (date) <b>30 Aug. 1982</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/Subobligated by this Action <b>\$39,000</b>	Cumulative Obligation thru this Action <b>\$4,464,294</b>

**PART III.**

Description of Contract/Grant: Please 'X' ONLY ONE item under each heading IF OTHER, please specify. (Complete both pages 1 and 2). NOTE: Not to be completed for Amendment or Modification Actions.

**M03 - TYPE ACTION**

- 0. Contract/Grant/Cooperative Agreement
- 1. Task Order (BOA)\*
- 2. Work Order (IQC)\*
- 3. Delivery Order (Requirements)\*
- 4. Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc )
- 1. Fixed Price (Specify: FFP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2. Cost Reimbursement (Specify: CR, CPFF, CS, CPAF, CPIF) \_\_\_\_\_
- 3. Cooperative Agreement
- 4. Grant - General Support\*
- 5. Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7. Do Not Use
- 8. IQCs
- 9. Host Country Contract/Grant\*

\*Complete ONLY through M51.

**M05 - SELECTION PROCEDURES**

- A. Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B. Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C. A & E (AIDPR 7-4.10)
- D. Ed. Inst. and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7-4.58)
- F. Predominant Capability (AIDPR 7-3.101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3.101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L. Grant (Handbook 13)
- M. Do Not Use
- N. Cooperative Agreement (Handbook 13)
- O. Small Business Set-Aside (FPR 1-1.706-8)
- P. Overseas Procuring Activities (AIDPR 7-3.101-50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B. Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc.)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

MAY 5 1982

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

JEF

ORIGINAL

Mr. Ralph Gofney  
Controller  
Volunteers in Technical Assistance, Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

APR. 21 1982

Subject: Cooperative Agreement No.  
AID/DSAN-CA-0182  
Amendment No. 13

Dear Mr. Gofney:

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 hereby amends the subject Cooperative Agreement effective the date of this letter to provide funds for an evaluation of the Fuelwood and Alternative Energy Project in Central America.

A. Cover Page

From "Amount Obligated" delete "\$4,425,294" and substitute in lieu thereof the amount "\$4,464,294."

B. Article I - Cooperative Agreement

1. Delete from paragraph B.1 the figure "\$4,425,294" and substitute in lieu thereof the amount "\$4,464,294."
2. Delete from paragraph B.2 the figure "\$5,563,706" and substitute in lieu thereof the amount "\$5,524,706."

C. Program Description

To "C. Specific Objectives" add the following:

- "8. Evaluation of Project No. 596-0089, Fuelwood and Alternative Energy Sources - Central America.
  - a. The evaluation will concentrate on an in-depth review of the administrative, technical, organizational, planning and operational aspects of the project to determine whether the stated project objectives can be reached on schedule.

ORIGINAL

The degree of effectiveness of liaison, exchange of data and cooperation between CATIE and ICAITI as well as between these institutions and participating national agencies will also be assessed. The evaluation will ascertain the capability of CATIE and ICAITI to work with and assist national counterpart agencies in agreed upon areas of research and technical endeavors. The evaluation will review the appropriateness of planned activities in the project and suggest possible reorientation or renewed emphasis of certain aspects of the project.

- b. The evaluation team will:
1. Assess the organization and operation of CATIE and ICAITI research teams and their effectiveness in carrying out the planned research programs at CATIE, ICAITI and the country level. Assessment of the quality and thoroughness of planning, selection and assignment of responsibilities and authority to carry out the assigned research tasks at CATIE, ICAITI and in the collaborating countries is essential.
  2. Conduct technical reviews at Central America and Panama country sites, including a review of methods used to establish demonstration units, receptivity by potential users and potential impact of the stove and other energy units and selected tree species on energy savings and the environment.
  3. Examine regional linkages and information exchange between CATIE, ICAITI, IICA and the relevant national agencies and suggest possible areas and ways in which efficiency of information exchange can be enhanced. Examine the feasibility and need for CATIE and ICAITI to conduct research in the same geographic areas to complement regional activities.

4. Assess: 1) the utilization, organization and effectiveness of efforts to involve national institutions and personnel in the implementation of project activities; 2) do they effectively incorporate Peace Corps and the PIADIC system; 3) have the experiences of Centro Choqui, CEMAT and Save the Children stove programs been adequately incorporated in ICAITI planning?
5. Determine whether relationships between CATIE, ICAITI, international, public and private organizations are being developed as potential agents for cooperative development and dissemination of energy information.
6. Evaluate methodologies and procedures used by the integrated research and technical teams at CATIE as applied to site selection of critical and potentially critical areas, experimental design, basis for selection of test species and research treatments, conduct of field research trials, data collection and processing, and laboratory and pilot plant testing.
7. Review reports to determine 1) whether they are prepared in a fashion which makes clear what CATIE, ICAITI and national agencies are going; 2) whether the bilateral USAID missions, host country officials and AID/W are aware of these reports; and 3) how they can be improved.
8. Examine presently planned levels of financial contributions by CATIE, ICAITI, national agencies and ROCAP and assess whether they are sufficient to achieve project objectives. If the availability of human and/or financial resources is a constraint, recommendations will be made on what can and should be done to relieve the situation.
9. Analyze the relationship of this project to any other AID funded forestry/fuelwood/energy projects at the country level within the region and recommend how relationships can be fortified.

- c. The evaluation team will be comprised of at least three consultants. A team leader will be designated who will be responsible for completion of a final report and debriefing CATIE, ICAITI, and ROCAP. Spanish fluency at S-3, R-3 is necessary. Team composition should include as minimum:
1. Forester with extensive field experience in research, tropical species and land use.
  2. Economist/Sociologist with background experience in utilization and interaction between man and forest land in the tropics and knowledgeable on information dissemination.
  3. Renewable energy generalist in non-conventional energy with working knowledge of fuel efficient stoves, biogas and solar applications, and experience in the application of these technologies in the developing countries.

d. Timing

The evaluation will require the services of the team for five weeks during April/May. The team will spend up to one week at both CATIE and ICAITI. Short trips by team or individuals are necessary within Costa Rica and Guatemala as well as to Panama, Honduras and possibly Nicaragua to visit field sites, counterpart agencies, and USAIDs. Pre and post evaluation interviews with CATIE, ICAITI and ROCAP are essential. Team will work with CATIE and ICAITI personnel at all levels during evaluation.

e. Reports

A draft final report will be prepared in English before departure with 10 copies of final report submitted to ROCAP within two months after completion of evaluation. Secretarial assistance will be provided by ROCAP while in Guatemala and Costa Rica. Funds for secretarial assistance in the U.S. are provided in the Agreement budget.

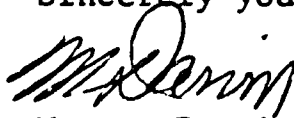
Cooperative Agreement No.  
AID/DSAN-CA-0182  
Amendment No. 13  
Mr. Ralph Gofney (VTA)

Page 5

Except as expressly herein amended, the Cooperative Agreement, as previously amended, remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign the original and ten (10) copies of this amendment in the space provided below and return the original and nine (9) copies to this office.

Sincerely yours,



Morton Darvin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED:

VOLUNTEERS IN TECHNICAL ASSISTANCE

BY: Ralph Gofney

TITLE: Controller

DATE: 4/27/02

Fiscal Data

Amount Obligated by this Amend.	:	\$39,000
Total Obligated Amount	:	\$4,464,294
Appropriation No.	:	72-1111021.3
Allotment No.	:	LDAA-81-25596-AG18
Project No.	:	596-0089
PIO/T No.	:	596-0089-3-10010
Total Estimated Cost	:	\$9,989,000



AID 1350-1  
(10-79)

UNITED STATES INTERNATIONAL  
DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR  
INTERNATIONAL DEVELOPMENT

PIO/T

PROJECT IMPLEMENTATION  
ORDER/TECHNICAL  
SERVICES

1. Cooperating Country

CA Regional

Page 1 of 8 Pages

2. PIO/T No

596-0089-3-10010

3.  Original or  
Amendment No. \_\_\_\_\_

4. Project/Activity No. and Title 596-0089

FUELWOOD AND ALTERNATIVE ENERGY SOURCES  
(CATIE and ICAITI)

DISTRIBUTION

5. Appropriation Symbol

72-1111021.3

6. Allotment Symbol and Charge

LDA-81-25596-AG18

7. Obligation Status

Administrative Reservation

Implementing Document

8. Project Assistance Completion Date  
(Mo., Day Yr.)

12/31/85

9. Authorized Agent

AID/W

10. This PIO/T is in full conformance with PRO/AG

Date 9/27/79

11a. Type of Action and Governing AID Handbook

AID Contract  
(HB 14)

PASA/RSSA  
(HB 12)

AID Grant  
(HB 13)

Other

11b. Contract/Grant/PASA/RSSA  
Reference Number (If this is an  
Amendment)

12. Estimated Financing (A detailed budget in support of column (2) is attached as attachment no. \_\_\_\_\_)

Maximum AID Financing	A Dollars	(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
		CATIE ICAITI	19,500 19,500		
B. U.S. Owned Local Currency			<del>39,000</del>		<del>39,000</del>

13. Mission  
References

14a. Instructions to Authorized Agent

Funding is provided to cover contract services to conduct an evaluation in accordance with the scope of work presented in Attachment A. ROCAP requests that the services of an IQC firm be obtained for this purpose. However, AID/W may elect another alternative such as contracting directly with individuals.

Services for the evaluation cited above are to be obtained by amending the AID Cooperative Agreement with Volunteers in Technical Assistance (VITA) AID-DSAN-CA-0182.

cleared in substance- ST/EY-R Roan 3/8/82

14b. Address of Voucher Paying Office

ROCAP/Guatemala  
APO Miami 34024

GUATEMALA 0545

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 are technically adequate  
RDO:WHMcCluskey (Draft)  
GDO:EJNadeau (Draft)

Phone No.

Date

B. The statement of work lies within the purview of the initiating and approved agency programs

CDO:KKelly (Draft)

Date

C.

DD:JREyre

Date

1/16/82

D. Funds for the services requested are available

A/CONT:TTotino (Draft)

E. ADM:LSHunsaker (Draft)  
C&S:IDowning (Draft)

Date

Rev 2

16. For the cooperating country, The terms and conditions set forth herein are hereby agreed to

Signature Francis Aguirre B.

Date

23 Feb 82

17. For the Agency for International Development

Signature Paul A. Montavon

Date

Feb 16 1982

Title Director, ICAITI

Title Director, ROCAP

Gilberto Pérez

Date

Director, CATIE

AID 1350 1 (10-79)  PIO/T	1. Cooperating Country CA Regional	2. PIO/T No 596-0089-3-10010	Page 2 of 8 Pages
	4. Project/Activity No and Title 596-0089 FUELWOOD AND ALTERNATIVE ENERGY SOURCES		

**SCOPE OF WORK**

18. THE SCOPE OF TECHNICAL SERVICES REQUIRED FOR THIS PROJECT ARE DESCRIBED IN ATTACHMENT NUMBER 1 HERETO ENTITLED "STATEMENT OF WORK".

19. SPECIAL PROVISIONS

- A.  LANGUAGE REQUIREMENTS (SPECIFY) Spanish S-3, R-3  
(IF MARKED, TESTING MUST BE ACCOMPLISHED BY AID TO ASSURE DESIRED LEVEL OF PROFICIENCY)
- B.  ACCESS TO CLASSIFIED INFORMATION  WILL  WILL NOT BE REQUIRED BY TECHNICIAN(S).
- C.  DUTY POST(S) AND DURATION OF TECHNICIANS' SERVICES AT POST(S) (MONTHS) Central America and Panama - 5 weeks total.
- D.  DEPENDENTS  WILL  WILL NOT BE PERMITTED TO ACCOMPANY TECHNICIAN.
- E.  WAIVER(S) HAVE BEEN APPROVED TO ALLOW THE PURCHASE OF THE FOLLOWING ITEM(S) (COPY OF APPROVED WAIVER IS ATTACHED)
- F.  COOPERATING COUNTRY ACCEPTANCE OF THIS PROJECT (APPLICABLE TO AID/W PROJECTS ONLY)
  - HAS BEEN OBTAINED
  - HAS NOT BEEN OBTAINED
  - IS NOT APPLICABLE TO SERVICES REQUIRED BY PIO/T
- G.  OTHER (SPECIFY)

20. BACKGROUND INFORMATION (ADDITIONAL INFORMATION USEFUL TO AUTHORIZED AGENT)

21. SUMMARY OF ATTACHMENTS ACCOMPANY THE PIO/T (INDICATE ATTACHMENT NUMBER IN BLANK)

- 2 DETAILED BUDGET IN SUPPORT OF INCREASED FUNDING (BLOCK 12)
- \_\_\_\_\_ EVALUATION CRITERIA FOR COMPETITIVE PROCUREMENT (BLOCK 14)
- \_\_\_\_\_ JUSTIFICATION FOR NON-COMPETITIVE PROCUREMENT (BLOCK 14)
- 1 STATEMENT OF WORK (BLOCK 18)
- \_\_\_\_\_ WAIVER(S) (BLOCK 19) (SPECIFY NUMBER)
- 3 Exemption from OMB Circular A-76

See GUATEMALA 0545

AID 1350-1 (10-79)	1. Cooperating Country <b>CA Regional</b>	2. PIO/T No. <b>596-0089-3-10010</b>	Page 3 of 8 Pages
PIO/T	4. Project/Activity No. and Title <b>596-0089 FUELWOOD AND ALTERNATIVE ENERGY SOURCES</b>		

22. Relationship of Contractor or Participating Agency to Cooperating Country and to AID

A. Relationships and Responsibilities

The contractor will work under the guidance of ROCAP with participation from CATIE and ICAITI.

B. Cooperating Country Liaison Official

Nico Gewald - CATIE Project Coordinator

Justin Whipple - ICAITI Project Coordinator

C. AID Liaison Officials

William H. McCluskey - RADO  
Edward J. Nadeau - GDO

Robert McColaugh - ARADO  
Henry Tschinkel - Regional Forester

LOGISTIC SUPPORT

23. Provisions for Logistic Support	IN KIND SUPPLIED BY		FROM LOCAL CURRENCY SUPPLIED BY		TO BE PROVIDED OR ARRANGED BY SUPPLIER
	AID	COOPERATING COUNTRY	AID	COOPERATING COUNTRY	
A. Specific Items (Insert "X" in applicable column at right. If entry needs qualification, insert asterisk and explain below in C. "Comments")					
(1) Office Space	X	X			
(2) Office Equipment	X	X			
(3) Housing and Utilities					
(4) Furniture					
(5) Household Equipment (Stoves, Refrig., etc.)					
(6) Transportation in Cooperating Country <u>3/</u>	X				X
(7) Transportation To and From Country <u>3/</u>					X
(8) Interpreter Services/Secretarial	X <sup>1/</sup>	X <sup>2/</sup>			
(9) Medical Facilities					
(10) Vehicles (official)					
(11) Travel Arrangements/Tickets	X				X
(OTHER SPECIFY)					
(12)					
(13)					
(14)					
(15)					

B. Additional Facilities Available From Other Sources

- APO/FPO
  PX
  COMMISSARY  
 OTHER (Specify, e.g., duty free entry, tax exemption)

- 1/ In Guatemala and Costa Rica  
2/ Provided by ICAITI and CATIE  
3/ Reimbursable under contract.

STATEMENT OF WORK

- A. The purpose of this activity is to conduct an evaluation of project 596-0089, Fuelwood and Alternative Energy Sources.
- B. The proposed evaluation will concentrate on an in-depth review of the administrative, technical, organizational, planning and operational aspects of the project to determine whether the stated project objectives can be reached on schedule. The degree of effectiveness of liaison, exchange of data and cooperation between CATIE and ICAITI as well as between these institutions and participating national agencies will also be assessed. The evaluation will ascertain the capacity of CATIE and ICAITI to work with and assist national counterpart agencies in agreed upon areas of research and technical endeavors. Finally, the evaluation will review the appropriateness of planned activities in the project and suggest possible reorientation or renewed emphasis of certain aspects of the project, if deemed necessary.

C. Scope of Work

The team will:

1. Assess the organization and operation of the CATIE and ICAITI research teams and their effectiveness in carrying out the planned research programs at CATIE, ICAITI and the country level. Assessment of the quality and thoroughness of planning, selection and assignment of responsibilities and authority to carry out the assigned research tasks at CATIE, ICAITI and in the collaborating countries is essential.
2. Conduct technical reviews at Central America and Panama country sites, including a review of methods used to establish demonstration units, receptivity by potential users and potential impact of the stove and other energy units and selected tree species on energy savings and the environment.
3. Examine regional linkages and information exchange between CATIE, ICAITI, IICA and the relevant national agencies and suggest possible areas and ways in which efficiency of information exchange can be enhanced. Examine the feasibility and need for CATIE and ICAITI to conduct research in the same geographic areas to complement regional activities.
4. Assess: 1) the utilization, organization and effectiveness of efforts to involve national institutions and personnel in the implementation of project activities; 2) do they effectively incorporate Peace Corps and the PIADIC system; 3) have the

experiences of Centro Choquí, CEMAT and Save the Children stove programs been adequately incorporated in ICAITI planning?

5. Determine whether relationships between CATIE, ICAITI, international, public and private organizations are being developed as potential agents for cooperative development and dissemination of energy information.
6. Evaluate methodologies and procedures used by the integrated research and technical teams at CATIE as applied to site selection of critical and potentially critical areas, experimental design, basis for selection of test species and research treatments, conduct of field research trials, data collection and processing, and laboratory and pilot plant testing.
7. Review reports to determine 1) whether they are prepared in a fashion which makes clear what CATIE, ICAITI and national agencies are doing; 2) whether the bilateral USAID missions, host country officials and AID/W are aware of these reports; and (3) how they can be improved.
8. Examine presently planned levels of financial contributions by CATIE, ICAITI, national agencies and ROCAP and assess whether they are sufficient to achieve project objectives. If the availability of human and/or financial resources is a constraint, recommendations will be made on what can and should be done to relieve the situation.
9. Analyze the relationship of this project to any other AID funded forestry/fuelwood/energy projects at the country level within the region and recommend how relationships can be fortified.

D. Team Composition

ROCAP suggests that at least three person consultant team be used. A team leader will be designated who will be responsible for completion of a final report and debriefing CATIE, ICAITI and ROCAP. Spanish fluency at S-3, R-3 is necessary. Team composition should include as minimum:

1. Forester with extensive field experience in research, tropical species and land use.
2. Economist/Sociologist with background experience in utilization and interaction between man and forest land in the tropics and knowledgeable on information dissemination.

3. Renewable energy generalist in non-conventional energy with working knowledge of fuel efficient stoves, biogas and solar applications, and experience in the application of these technologies in the developing countries.
4. ROCAP, CATIE and ICAITI concurrence in composition of the team will be required before a contract is signed. If available, participation of S&T/FNR or LAC/DR representative would be most welcome.

E. Timing

The evaluation will require the services of the team for five weeks during February/March. The team will spend up to one week at both CATIE and ICAITI. Short trips by team or individuals are necessary within Costa Rica and Guatemala as well as to Panama, Honduras and possibly Nicaragua to visit field sites, counterpart agencies, and USAIDs. Pre and post evaluation interviews with CATIE, ICAITI and ROCAP are essential. Team will work with CATIE and ICAITI personnel at all levels during evaluation.

F. Reporting

A draft final report will be prepared in English before departure with 10 copies of final report submitted to ROCAP within two months after completion of evaluation. Secretarial assistance will be provided by ROCAP while in Guatemala and Costa Rica. Funds for secretarial assistance in the U.S. provided in the budget.

ILLUSTRATIVE BUDGET\*

1. Personal Services	
- 90 working days at \$300 (burdened daily rate)	27,000
2. Travel and Per Diem	
- 3 round trips U.S.-Guatemala at \$700	2,100
- 105 days per diem at \$65	6,825
- 3 RT within C.A. at \$500	1,500
3. Other - taxis, phone calls, secretarial services in U.S., etc.	1,575
TOTAL	<u>\$ 39,000*</u>

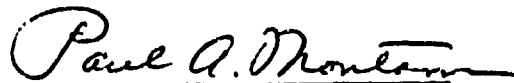
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\* 50% of the budget will be charged to CATIE and 50% to ICAITI

> NOTE

EXEMPTION FROM OMB CIRCULAR A-76

The proposed contract can be exempted from OMB Circular A-76 procedures because it involves a one-time, non-recurring activity of short duration which is associated with a particular project.



Paul A. Montavon  
Director ROCAP

DIVISION  
COMPLIANCE SERVICES  
APR 3 5 58 PM '85



MAY 6 1982

MEMORANDUM

Date May 6, 1982

TO : Distribution

FROM : CM/SOD, Donald Dickie

SUBJECT: Agreement <sup>10310</sup> No. AID/DSAN-CA-0182 between A.I.D. and  
Volunteers in Technical Assistance

This transmits one copy of an advance agreement dated January 25, 1982. This Agreement is also amendment No. 12 to the subject agreement

The purpose of this Amendment is the implementation of OMB Circular A-122.

If additional copies are required, please contact CM/SOD/CSC.

DISTRIBUTION:

CM/SD/SUP, Mrs. B. Lewis  
CM/SD/SUP, Mrs. Sarah Lewis  
SER/FM/PAD, Mr. Phil Amos  
RIG/A/W, Mr. A. LeBlanc (2 copies)

Contracting Officer, CM/COD/AN, M. Darwin

Project Manager, AFR/RA, J. Rose

USAID/\_\_\_\_\_

STAT Section

MAY 6 1982

ENTERED

C. This amendment is effective on January 1, 1982.

**PART II**

The changes cited above in Part I of this amendment are incorporated into the A.I.D. Washington issued acquisition/assistance instruments cited below. This amendment does not change any monetary ceiling or obligation provided for in the documents listed below or any other agreement between the parties.

Contract/Grant Cooperative Agreement No.

Amendment No.

AID/DSAN-CA-0182

12

AID/SOD/PDC-G-0149

6

Accepted:

By:

*Ralph V. Gofney*  
Signature  
Ralph V. Gofney

Printed or Typed Name

Controller

Title

April 27, 1982

Date

*Donald B. Dickie*  
Donald B. Dickie

Contracting/Grant Officer  
Overhead and Special Costs Branch  
Services Operations Division  
Office of Contract Management  
Agency for International Development

**ADVANCE AGREEMENT ON COST PRINCIPLES**

Date January 25, 1982

**SUBJECT:** Cost Principles for Non-profit Organizations for Use in Contracts, Grants and Cooperative Agreements with the Agency for International Development (AID)

**CONTRACTOR:** Volunteers in Technical Assistance  
or 3706 Rhode Island Avenue  
**RECIPIENT:** Mt. Rainier, MD 20822

**PART I**

The acquisition/assistance instruments listed in Part II of this amendment are hereby amended as follows:

- A. The cost principles applicable to this contract/grant/cooperative agreement are set forth in Subpart 1-15.6-Contracts with Nonprofit Organizations of the Federal Procurement Regulations. All references to "Subpart 1-15.2-Contracts with Commercial Organizations" shall be deleted wherever they appear, and in their place reference to "Subpart 1.15-6--Contracts with Nonprofit Organizations" shall be inserted.
- B. Subpart 1-15.6 reserves the sections on bid and proposal costs and independent research and development costs. A.I.D. and the contractor/recipient hereby agree upon the following treatment of these costs, pending such time as the FPR is amended to include them.
  1. Bid and proposal costs. Bid and proposal costs are the immediate costs of preparing bids, proposals, and applications for potential Federal and non-Federal grants, contracts and agreements, including the development of scientific, costs, and other data needed to support the bids, proposals, and applications. Bid and proposal costs of the current accounting period are allowable as indirect costs. Bid and proposal costs of prior accounting periods are unallowable in the current period. In this regard, bid and proposal costs incurred for the preparation of requests for specific projects and programs are acceptable for recovery as indirect costs. However, proposal costs incurred in the attempt to obtain unrestricted funds are to be treated as fund raising and must be included in the organization's direct cost base. Bid and proposal costs do not include independent research and development costs which are covered by paragraph (2) below, or preaward costs covered by Attachment B, Paragraph 33, of OMB Circular A-122. (FPR 1-15.603-2)
  2. Independent research and development costs. Independent research and development is research and development conducted by an organization which is not sponsored by Federal or non-Federal grants, contracts or other agreements. Independent research and development costs must be included in the organization's direct cost base for allocation of its proportionate share of indirect costs. The costs of independent research and development, including its proportionate share of indirect cost, are unallowable under AID agreements.

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action Monitor **L.B.**

SER/CM/SD/SUP Action Office **COD/AN**

**INSTRUCTIONS:** AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy; Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
**Missions:** - Complete 2 copies of the form Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name

**Volunteers in Technical Assistance**

PIO/T Number <b>936-5701-36210</b>	Appropriation Number <b>72-11-1021</b>	Allotment Number <b>43-36-099-00-20-21</b>	Project Number <b>936-5701</b>
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Project Title

**Low Cost Energy Technologies for Rural and Urban Poor**

Amount of this PIO/T <b>\$800,000 (inc.)</b>	Project Manager's Name and Office Symbol <b>A. Ryan, CM/AN</b>	Contractor's D-U-N-S Number
---	---	-----------------------------

Negotiator's Typed Name <b>FRAME</b>	Signature <i>[Signature]</i>	Date <b>4 Jan. 1982</b>
---	---------------------------------	----------------------------

Contract/Grant Officer's Typed Name <b>M. Darvin</b>	Signature <i>[Signature]</i>	Date
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**PART IB.**

Contract/Grant Number <b>AID/DSAN-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>11</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>12/21/81</b>
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**PART II.**

Effective Date of Document <b>4 Jan. 1982</b>	Signature Date of Document <b>4 Jan. 1982</b>	Estimated Completion Date <b>30 Aug. 1984</b>	Contract/Grant funded through (date) <b>31 Aug. 1982</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated Subobligated by this Action <b>\$ 800,000</b>	Cumulative Obligation thru this Action <b>\$ 4,425,294</b>

**PART III.**

Description of Contract/Grant Please 'X' ONLY ONE item under each heading IF OTHER, please specify. (Complete both pages 1 and 2). NOTE Not to be completed for Amendment or Modification Actions

**M03 - TYPE ACTION**

- 0 Contract/Grant/Cooperative Agreement
- 1 Task Order (BOA)\*
- 2 Work Order (IQC)\*
- 3 Delivery Order (Requirements)\*
- 4 Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

- 0 MOA, (BOA, BMA, etc)
- 1. Fixed Price (Specify FFP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2 Cost Reimbursement (Specify CR, CPF, CS, CPAF, CPIF) \_\_\_\_\_
- 3 Cooperative Agreement
- 4 Grant - General Support\*
- 5 Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7 Do Not Use
- 8 IQCs
- 9 Host Country Contract/Grant\*

\*Complete ONLY through M51.

**M05 - SELECTION PROCEDURES**

- A Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C. A & E (AIDPR 7-4.10)
- D. Fed. Inst. and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7-4.58)
- F. Predominant Capability (AIDPR 7-3.101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(11))
- I. Sole Source (AIDPR 7-3.101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L Grant (Handbook 13)
- M Do Not Use
- N Cooperative Agreement (Handbook 13)
- O Small Business Set Aside (FPR 1-1.706.8)
- P Overseas Procuring Activities (AIDPR 7.3.101.50(b)(2))

**M06 - TYPE SERVICE**

- A Training of Participants
- B Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F Technical Services to AID (other than training, usually operating expense)
- G Training Service for AID
- H Equipment, Materials, Supplies, Commodities
- I Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc.)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

*Advance to J. Byram 2/1/82*

FEB 25 1982

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

ORIGINAL

JAN 1982

Ms. Barbara Shunney  
Controller  
Volunteers in Technical Assistance, Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

Subject: Cooperative Agreement  
AID/DSAN-CA-0182  
Amendment No. 11

Dear Ms. Shunney:

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 hereby amends the subject Cooperative Agreement effective the date of this letter to provide incremental funding of \$800,000 and to provide for short-term, in-country services as follows:

A. Cover Page

From "Amount Obligated" delete "\$3,625,294" and substitute in lieu thereof the amount "\$4,425,294."

B. Article I - Cooperative Agreement

1. Delete from paragraph B.1. the figure "\$3,625,294" and substitute in lieu thereof the amount "\$4,425,294."

2. Delete from paragraph B.2. the figure "\$6,363,706" and substitute in lieu thereof the amount "\$5,563,706."

C. Program Description

To "C. Specific Objectives" add the following:

"7. From time to time during the term of this agreement, USAID Missions and host country governments may request the recipient to provide in-country, short-term, problem solving/advisory type services. Therefore, but only as authorized in writing by the AID/Washington Office of Energy (ST/EY), the recipient may provide such short-term services. Such services must be directly associable with the work otherwise performed under this agreement, and individual in-country efforts of this type shall not exceed 60 days duration."

ORIGINAL PREVALIDATED ON PAGE 2

Except as expressly herein amended, the Cooperative Agreement, as previously amended, remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign the original and ten (10) copies of this amendment in the space provided below and return the original and nine (9) copies to this office, making certain to return all copies marked "Funds Available."

Sincerely yours,



Morton Darvin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED

Volunteers in Technical Assistance

BY: Henry R. Norman

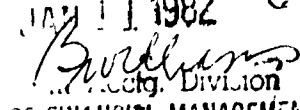
HENRY R. NORMAN  
TITLE: EXECUTIVE DIRECTOR

DATE: JANUARY 21, 1982

Funding Data for this Amendment

Amount Obligated this Amend.: \$800,000  
Total Obligation: \$4,425,294  
Appropriation No.: 72-1121021.3  
Allotment No. DDAA-82-13600-AG11;  
                        :243-36-099-00-20-21  
Project No.: 936-5701  
PIO/T No.: 3621027  
Total Estimated Cost: \$9,989,000

o/c 4190  
FUNDS AVAILABLE

JAN 11 1982  
  
...cty. Division  
OFFICE OF FINANCIAL MANAGEMENT

ORIGINAL

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action  
Monitor **L.B.**

SER/CM/SD/SUP Action  
Office **COD/AN**

**INSTRUCTIONS:** AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy; Copy 2 SER/CM/SD/SUP Administrative Copy, Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name


**VITA**


PIO/T Number <b>695-0103-3-00019 A-1</b>	Appropriation Number <b>72-1101021.5</b>	Allocation Number <b>047-54-695-00-69-13</b>	Project Number <b>695-0103</b>
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Project Title

**Burundi Alternative Energy Part II - Stove Specialist/Sociologist**

Amount of this PIO/T <b>\$12,250 <del>431,250</del></b>	Project Manager's Name and Office Symbol <b>W. Egan, GDO</b>	Contractor's D-U-N-S Number
--	---	-----------------------------

Negotiator's Typed Name <b>R. Bender</b>	Signature 	Date
---	--	------

Contract/Grant Officer's Typed Name <b>M. Darwin</b>	Signature 	Date
---	--	------

**PART IB.**

Contract/Grant Number <b>AID/OSAN-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>10</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>10/13/81</b>
--	------------	--------------	--	--

**PART II.**

Effective Date of Document <b>10/6/81</b>	Signature Date of Document <b>10/6/81</b>	Estimated Completion Date <b>8/30/84</b>	Contract/Grant funded through (date) <b>9/31/82</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/Subobligated by this Action <b>31,250</b>	Cumulative Obligation thru this Action <b>3,625,294</b>

**PART III.**

Description of Contract/Grant Please 'X' ONLY ONE item under each heading IF OTHER, please specify. (Complete both pages 1 and 2) NOTE Not to be completed for Amendment or Modification Actions.

**M03 - TYPE ACTION**

- 0 Contract/Grant/Cooperative Agreement
- 1 Task Order (BOA)\*
- 2 Work Order (IQC)\*
- 3 Delivery Order (Requirements)\*
- 4 Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc)
- 1. Fixed Price (Specify FFP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2 Cost Reimbursement (Specify CR, CPFI, CS, CPAI, (PH) \_\_\_\_\_
- 3 Cooperative Agreement
- 4 Grant General Support\*
- 5 Grant Specific Support\*
- 6 Grant 211(d)\*
- 7. Do Not Use
- 8 IQCs
- 9 Host Country Contract/Grant\*

\*Complete ONLY through M51

**M05 - SELECTION PROCEDURES**

- A Formally advertised (H B) (AIDPR 7-2.4 & FPR 1.2.4)
- B Negotiated Price Competition, General Procedure (RFP) (AIDPR 7.4.56)
- C A & F (AIDPR 7.4.10)
- D Fed Inst and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7.4.58)
- I Predominant Capability (AIDPR 7-3 101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3 101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7.3 101-50(b)(1))
- I. Sole Source (AIDPR 7-3 101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7.3 101.50(b)(7))
- K. 8(a) Selection (FPR 1.1 713-1)
- L. Grant (Handbook 13)
- M. Do Not Use
- N. Cooperative Agreement (Handbook 13)
- O Small Business Set Aside (FPR 1-1.706-8)
- P. Overseas Procuring Activities (AIDPR 7.3 101.50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B. Technical Assistance (Program, Project related except A & E Services)
- C. A & F Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A Firm - All profit making firms (other than A & F)
- B. A & E. Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICR, World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

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- D SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc )
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non Minority
- H Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non Personal Service Contract - Minority
- K. Not Small Business (Univ, Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

OCT 21 1981

ORIGINAL

OCT 6 1981

Ms. Barbara Shunney  
Controller  
Volunteers in Technical Assistance, Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

Subject: Cooperative Agreement  
AID/DSAN-CA-0182  
Amendment No. 10

Dear Ms. Shunney:

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 hereby amends the subject Cooperative Agreement effective the date of this letter to provide funds for two consultants, a stove designer and a sociologist, to serve a five week consultancy in Bujumbura, Burundi as more fully described in the attached scope of work.

A. Cover Page

From "Amount Obligated" delete "\$3,594,044" and substitute "\$3,625,294."

B. Article I - Cooperative Agreement

1. Delete from paragraph B. 1., the figure "\$3,594,044" and substitute "\$3,625,294."
2. Delete from paragraph B. 2., the figure "\$6,394,956" and substitute "\$6,363,706."

C. Program Description

To "C. Specific Objective" add the following:

- "6. Peat Burning Stove Consultants - Burundi

RECEIVED  
CONTRACT SERVICES  
DIVISION

OCT 20 2 30 PM '81

ORIGINAL



I. Statement of Work

A. Stove Designer

- 1) to work with ONATOUR and Project in the design of portable and fixed peat burning stoves. Stoves may require a design suited to a range of clientele purchasing power.
- 2) prepare technical specifications and drawings including details of construction technique, quantities of materials required, costs, etc. Those will be subsequently required for ONATOUR extension workers who will develop artisanal extension programs.

B. Sociologist

1. To provide to the stove designer initial information on socio-economic aspects of urban and rural households to facilitate preliminary analysis as to potentially feasible designs for peat burning stoves. Most of the information needed on urban households is available in reports from the Peat I Project, but there is a scarcity of data on rural households. The sociologist will spend a few days in rural areas collecting information required for developing a peat burning stove for rural households based on the assumption of an increasing scarcity of free fuelwood. (Consult Project Paper for further elaboration). Priority, however, will be given to urban areas.
2. To critique the socio-economic and technical aspects associated with acceptance of stoves tested under Peat I Project. The sociologist will identify factors influencing continued use of these stoves and their suitability for wider use.
3. To assess social and economic soundness of peat burning stoves developed by the stove designer. This assessment will cover information on use of charcoal and wood following current cooking methods in comparison to use of models of portable and permanent peat burning stoves. The data will include information on:
  - a) time (e.g. preparing and feeding the fire, cooking certain common foods and boiling water, cleaning stove and utensils.)
  - b) financial costs (e.g. investment in stove and any special utensils, and recurrent fuel costs)
  - c) efficiency (e.g. amount of fuel needed to cook identical amount of food under similar conditions, and conversion of amounts into suitable comparable units, and comparison of time)
  - d) cultural behavior and preferences (e.g. number of cooking spaces, type and size of pans/pots)

4. To recommend procedures for field testing of peat burning stoves recommended by stove designer, including criteria for selection of households. Criteria for selections of households should permit each model of peat burning stove to be assessed in relation to key socio-economic characteristics of potential adopters.
5. To provide other information deemed necessary for accomplishment of objective.

## II. Reports

Prior to departure from Burundi, the stove designer will submit a report to the Project Manager on activities completed and which will include design specifications as well as recommendations thought suitable for accelerating the introduction of peat burning stoves.

Prior to departure, the sociologist will submit a report to the Project Manager on activities completed, including a critique of stoves developed under the Peat I Project, statistics on efficiency of models developed by the designer in comparison to cooking with wood and with charcoal, other factors influencing the acceptance by the majority of households of the model stoves developed, and recommendations for field testing the model stoves.

## III. Relationship and Responsibilities

The designer and sociologist will report to the Project Manager and will be responsible to him for completion of contract activities. The designer and sociologist will be provided with project assistance in respect to transport, materials, and secretarial services necessary to accomplish their work. In the event that the Project is unable to provide transport, car hire facilities will be provided from this budget.

## IV. Term of Performance

Five weeks each.

## V. Level of Effort

Services of two persons will be required for five weeks each. A six-day working week is authorized in the country

VI. Qualifications

A. Stove Designer

Proven practical field experience of stove design and construction for domestic use, employing locally available materials, essential experience of domestic or rural extension stove construction work in Third World Countries, and ability to produce simple design drawings desirable.

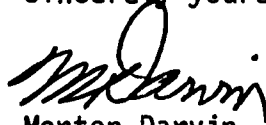
B. Sociologist

At least two years field experience in developing countries, preferably on the African continent, is required. The sociologist must have practical experience in assessing the efficiency of low-cost domestic stoves and socio-economic factors influencing adoption of stoves in a developing country. A masters degree in one of the social science disciplines is desirable. Working knowledge of French is essential. Preference should be given to female candidates if all other factors are equal due to the nature of the society in which the sociologist will work.

Except as expressly amended herein, the Cooperative Agreement remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign the original and ten copies of this amendment. Return the original and nine copies to the under-signed.

Sincerely yours,



Morton Darvin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED:

Volunteers in Technical Assistance

BY: Henry B. Norman

TITLE: EXECUTIVE DIRECTOR

DATE: 13 October 1981

Fiscal Data

Amount Obligated by this Amendment: \$31,250  
Total Obligated Amount of CA: \$3,625,294  
Appropriation No.: 72-1101021.5  
Allotment No.: 046-54-695-00-69-13  
Project No.: 695-0103  
PIO/T No.: 3-0019A1

DEPARTMENT OF STATE  
AGENCY FOR  
INTERNATIONAL DEVELOPMENT

1. Cooperating Country  
**BURUNDI**  
Page 1 of 3 Pages

2. PIC/T No.  
**695-0103-3-00019**  
3.  Original or  
Amendment No. **1**

PIC/T

PROJECT IMPLEMENTATION  
ORDER/TECHNICAL  
SERVICES

4. Project/Activity No. and Title  
**695-0103 BURUNDI ALTERNATIVE ENERGY  
PART II**  
Stove Specialist/Sociologist

DISTRIBUTION

5. Appropriation Symbol  
**72-1101021.5**  
6. Amendment Symbol and Change  
**046-54-695-00-69-13**

7. Budgetary Account  
 Administrative Reservation  
 Contingency Disbursements  
8. Project Assistance Completion Date  
By Day, Yr. **29 August 1980**

9. Authorized Agent  
**AID/W**  
10. This PIC/T is in full compliance with PRO/AG  
**695-0103** Date **29 August 1980**

11a. Type of Action and Governing AID Policy  
 AID Contract (HS 14)  PARAFRASA (HS 14)  AID Grant (HS 13)  Other  
11b. Contract/Order/PA3A/PA5A Reference Number (if this is an amendment)

12. Estimated Financing (A detailed budget in support of column (4) is attached as attachment no. \_\_\_\_\_)

Maximum AID Financing	A. Dollars		(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
			19,000	12,250		
	B. U.S.-Owned Local Currency					

13. Mission Reference

**STATE 229029**

Grant Agreement  
**695-0103**  
**29 August 1980**

Project Paper  
Authorization  
**29 August 1980**

14a. Instructions to Authorized Agent  
Negotiate a contract for the services in block 18 and attachment 11 of this PIC/T.

This amendment adds the services of a sociologist, sets duration of consultancy at 5 weeks each, and increases funds available by \$12,250 to a new total of \$31,250.

All other provisions remain unchanged.

14b. Address of Voucher Paying Office

**AID/PM**

15. Clearance - 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 are technically adequate.  
GDO: Megan *[Signature]* Date **5/5/81**

B. PROJECT MANAGER: J. P. Gibson  
Management Officer: Gibson *[Signature]* Date **5/19/81**

C. Project Officer: O. J. Connell  
*[Signature]* Date **5/19/81**

D. Funds for the services requested are available  
S. P. T. Kabron *[Signature]*

16. For the cooperating country: The terms and conditions set for the purchase are hereby agreed to.

Signature *[Signature]* Date \_\_\_\_\_  
Title **Director General of Mines,  
Ministry of Energy and Mines**

17. For the Agency for International Development

Signature *[Signature]* Date **10/2/81**  
Title **AID Affairs Officer**

CAUTION Remove protector sheet before typing - replace when typed

AID 1356-1 (1-78)	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	1. Cooperating Country <b>BURUNDI</b>	Page 1 of Pages
		2. PIO/T No. <b>695-0103-3-00019</b>	3. <input checked="" type="checkbox"/> Original or Amendment No.
		4. <b>"695-0103" BURUNDI "ALTERNATIVE ENERGY PART II</b>	

**DISTRIBUTION**

5. Approved by Agent  
**72-1101621.5**

6. Amendment or Proposed Change  
**640-54-635-0559-177**

7. Obligation Status  
 Administrative Reservation  Implementing Agreement

8. Date of Agency Completion Date  
**29 August 1980**

9. Authorized Agent  
**AID/W**

10. This PIO/T is in full compliance with (PIG) and  
**Date 29 August 1980**

11a. Type of Action and Government AID Handbook  
 AID Contract (HB 14)  PASA/BSSA (HB 11)  AID Grant (HB 12)  Other

11b. Contract Grant PASA/BSSA Reference Number (if this is an Amendment)

12. Estimated Financing (A detailed budget in support of column (2) is attached as attachment no. \_\_\_\_\_)

Mission and Financing	A. Dollars	13. Previous Total		14. Total to Date	
		13a. Increase	13b. Decrease	14a. Increase	14b. Decrease
			<b>19,000</b>		<b>19,000</b>
	B. U.S. or other Local Currency				

13. Mission Reference

14a. Instructions to Authorized Agent  
**Negotiate a contract for the services in block 18 of this PIO/T.**

15. Clearance (Include type of name, office symbol, level, and status and date for all clearances)

A. The project officer certifies that the specifications in the statement of work are fully adequate	Date <b>11/29/80</b>	GDO: <b>W. Egan</b>	B. The statement of work is clear, the purpose, and the intent of the information is fully understood by all parties	Date <b>11/29/80</b>	AFO: <b>V. Kunkle</b>
C.	Date <b>11/31/80</b>	MO: <b>G. Gibson</b>	D. Fund for the services to be provided is available	Date <b>11/31/80</b>	B&F: <b>T. Kehron</b>
E.	Date <b>11/31/80</b>	PO: <b>O.J. [Signature]</b>			

16. For the cooperating country. The terms and conditions set forth herein are hereby agreed to

17. For the Agency. The terms and conditions set forth herein are hereby agreed to

Signature: **[Signature]** Title: **Director General of Mines** Date: **1/16/81**

Signature: **[Signature]** Title: **AID Affairs Officer** Date: **1/17**

6 229029  
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695-0103  
29 Aug. 80  
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**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action  
Monitor **SL** for **LB**

SER/CM/SD/SUP Action  
Office **DSAN**

**INSTRUCTIONS:** AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy; Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

**9/11/81**

Contractor/Grantee Name

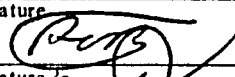
**VITA**

PIO/T Number <b>625-0929-3-6711047</b>	Appropriation Number <b>72-11X1021</b>	Allotment Number <b>812-67-625-00-69-11</b>	Project Number <b>625-0929</b>
---	---	--	-----------------------------------

Project Title

**Planning Management and Research**

Amount of this PIO/T <b>\$10,000 (Inc)</b>	Project Manager's Name and Office Symbol <b>AFR/SWA/SRD, J. Woodson</b>	Contractor's D-U-N-S Number
---	--	-----------------------------

Negotiator's Typed Name <b>Bender</b>	Signature 	Date <b>9/11/81</b>
--	--	------------------------

Contract/Grant Officer's Typed Name <b>Mr. Darvin</b>	Signature 	Date
--	--	------

**PART IB.**

Contract/Grant Number <b>AID/DSAN-CA-00182</b>	Type Order	Order Number	Amendment/Modification Number <b>9</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>9/11/81</b>
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**PART II.**

Effective Date of Document <b>9/16/81</b>	Signature Date of Document <b>9/16/81</b>	Estimated Completion Date <b>8/30/84</b>	Contract/Grant funded through (date) <b>8/30/83</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/ Subobligated by this Action <b>\$10,000</b>	Cumulative Obligation thru this Action <b>3,594,044</b>

**PART III.**

Description of Contract/Grant. Please 'X' ONLY ONE item under each heading IF OTHER, please specify (Complete both pages 1 and 2) NOTE Not to be completed for Amendment or Modification Actions.

*Recd. for Validation 9/16/81*

**M03 - TYPE ACTION**

- 0 Contract/Grant/Cooperative Agreement
- 1 Task Order (BOA)\*
- 2 Work Order (IQC)\*
- 3. Delivery Order (Requirements)\*
- 4. Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc)
- 1. Fixed Price (Specify I FP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2 Cost Reimbursement (Specify CR, CPF-F, CS, CPAF, CPIF) \_\_\_\_\_
- 3. Cooperative Agreement
- 4 Grant - General Support\*
- 5 Grant Specific Support\*
- 6. Grant - 211(d)\*
- 7 Do Not Use
- 8 IQCs
- 9 Host Country Contract/Grant\*

\*Complete ONLY through M51

**M05 - SELECTION PROCEDURES**

- A Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B. Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C A & E (AIDPR 7.4.10)
- D Fd Ins. and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7-4.58)
- F. Predominant Capability (AIDPR 7-3.101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3.101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L. Grant (Handbook 13)
- M Do Not Use
- N Cooperative Agreement (Handbook 13)
- O Small Business Set-Aside (FPR 1-1.706-8)
- P Overseas Procuring Activities (AIDPR 7.3.101-50(b)(2))

**M06 - TYPE SERVICE**

- A Training of Participants
- B Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

*Advance to Bumar 10/5/81*

**118**

OCT 21 1981

ORIGINAL

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

SEP 16 1981

Ms. Barbara Shunney  
Controller  
Volunteers in Technical Assistance, Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

Subject: Cooperative Agreement  
AID/DSAN-CA-0182  
Amendment No. 9

Dear Ms. Shunney:

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 hereby amends the subject Cooperative Agreement effective the date of this letter to provide funds for a tour of solar energy technology sites as specified in the attached scope of work.

A. Cover Page

From "Amount Obligated" delete "\$3,584,044" and substitute "\$3,594,044."

B. Article I - Cooperative Agreement

1. Delete from paragraph B.1., the figure "\$3,584,044" and substitute "\$3,594,044."
2. Delete from paragraph B.2., the figure "\$6,404,956" and substitute "\$6,394,956."

C. Program Description

To "C. Specific Objective" add the following: "5. U.S. Solar Energy Technology Tour."

SECTION OF SERVICES  
DIVISION

18. 02 39 PM '81

ORIGINAL

119

A. Statement of Work

VITA will plan, organize, and conduct the visit of two African solar energy technicians during a two week period anticipated to be from August 21, 1981 to September 5, 1981. This will include making all the administrative arrangements and coordinating the visit with the West African Economic Community (CEAO) and the Donor Coordination Consultant.

VITA will provide the services of one appropriate technology specialist knowledgeable in the area of solar energy to travel with the two Africans during their visit. This specialist must be fluent in French and will serve also as interpreter as needed.

The sites will be selected by VITA based on VITA's participation in the donor project design efforts (see block 20). These sites will include various U.S. universities, public and private renewable energy centers (i.e., SERI, NASA Lewis, Georgia Tech., NCAT). The objective of the visits will be to provide the African visitors with information and opinions of U.S. experts regarding the potential applicability of renewable energy technologies in the U.S. as well as in developing countries.

B. Required Reports

A report of the visit will be provided to AID in 10 copies which describes the conclusions of the VITA specialist and the two visitors including the degree to which the objectives were realized.



Except as expressly amended herein, the Cooperative Agreement remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign the original and ten copies of this amendment. Return the original and nine copies to the undersigned.

Sincerely yours,

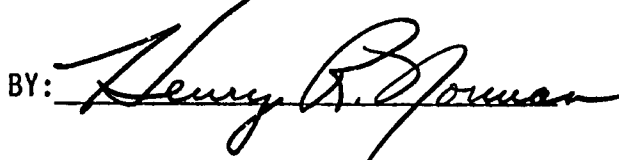


Morton Darvin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED:

Volunteers in Technical Assistance

BY:



TITLE: Executive Director

DATE: September 25, 1981

Fiscal Data

Amount Obligated by this Amendment: \$10,000  
Total Obligated Amount of CA: \$3,594,044  
Appropriation No.: 72-11X10212  
Allotment No.: 812-67-625-00-69-11  
Project No.: 625-0929  
PIO/T No.: 3-6711047

FUNDS AVAILABLE

SEP 17 1981

  
Program Acctg Division  
OFFICE OF FINANCIAL MANAGEMENT

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

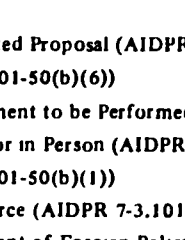

SER/CM/SD/SUP Action Monitor **L.B.**

SER/CM/SD/SUP Action Office **COD/AN**

INSTRUCTIONS: AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy; Copy 2 SER/CM/SD/SUP Administrative Copy, Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
 Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name **VITA**

PIO/T Number <b>936-5701-3611348</b>	Appropriation Number <b>72-1111021.3</b>	Allotment Number <b>143-36-099-00-20-11</b>	Project Number <b>936-5701</b>
Project Title <b>Low Cost Energy Technologies for Rural and Urban Poor</b>			
Amount of this PIO/T <b>\$725,000 (inc.)</b>	Project Manager's Name and Office Symbol <b>A. R. Roan, S&amp;T/EY</b>		Contractor's D-U-N-S Number
Negotiator's Typed Name <b>Bender</b>	Signature 		Date
Contract/Grant Officer's Typed Name <b>M. Darvin</b>	Signature 		Date

**PART IB.**

Contract/Grant Number <b>AID/DSAN-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>#8</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>8/20/81</b>
--	------------	--------------	--	---

**PART II.**

Effective Date of Document <b>8/25/81</b>	Signature Date of Document <b>8/25/81</b>	Estimated Completion Date <b>8/30/84</b>	Contract/Grant funded through (date) <b>3/1/82</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/ Subobligated by this Action <b>725,000</b>	Cumulative Obligation thru this Action <b>3,584,044</b>

**PART III.**

Description of Contract/Grant: Please 'X' ONLY ONE item under each heading. IF OTHER, please specify. (Complete both pages 1 and 2). NOTE Not to be completed for Amendment or Modification Actions.

**M03 - TYPE ACTION**

- 0. Contract/Grant/Cooperative Agreement
- 1. Task Order (BOA)\*
- 2. Work Order (IQC)\*
- 3. Delivery Order (Requirements)\*
- 4. Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc )
- 1. Fixed Price (Specify FFP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2. Cost Reimbursement (Specify CR, CPFF, CS, CPAF, CPIF) \_\_\_\_\_
- 3. Cooperative Agreement
- 4. Grant - General Support\*
- 5. Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7. Do Not Use
- 8. IQCs
- 9. Host Country Contract/Grant\*

\*Complete ONLY through M51

**M05 - SELECTION PROCEDURES**

- A. Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B. Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C. A & E. (AIDPR 7-4.10)
- D. Fed Inst and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7-4.58)
- I. Predominant Capability (AIDPR 7-3.101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3.101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L. Grant (Handbook 13)
- M. Do Not Use
- N. Cooperative Agreement (Handbook 13)
- O. Small Business Set-Aside (FPR 1-1.706-8)
- P. Overseas Procuring Activities (AIDPR 7-3.101-50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B. Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc.)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

*Advance to L. Byrom 8/3/81*

100

**M09 - CONTRACTING PARTIES**

- 1 Direct AID/W Executed Contract/Grant
- 2 Direct AID Mission Executed Contract/Grant
- 3 Host Country Grant Financed
- 4 Host Country Loan Financed
- 5 Host Country Contract/Grant Source of Finance/Unknown

**M10 - PRIVATE VOLUNTARY ORGANIZATION**

- 1. U.S. Registered PVO
- 2. U.S. Non-Registered PVO
- 3. U.S. Cooperative
- 4. Foreign Cooperatives
- 5. Foreign PVO
- 6. Other (Specify) \_\_\_\_\_

**M11 - ADVANCE**

- 1. No Advance
- 2. Advance - Non-FRLC
- 3. Advance - FRLC

**M12 - COUNTRY OF PERFORMANCE**

(Specify) \_\_\_\_\_

**M13 - Is any travel required outside U.S.?**

- YES *8/1*  NO *1/1*

**M14 - CONTRACT/GRANT SOURCE**

- 1. U.S. Contractor/Grantee
- 2. Non-U.S. Contractor/Grantee
- 3. Combination of 1 & 2

**M15 - TYPE OWNERSHIP**

- 1 American Oriental
- 2 Black American
- 3 American Aleuts or Eskimos
- 4 American Indian
- 5 Hispanic
- 6. Other (Specify) \_\_\_\_\_

**M22 - CURRENCY INDICATOR**

- 0. U.S. Dollar
- 1. Local Currency
- 2. Combination
- 3. Unfunded

**M50 - SUBCONTRACTING CODE**

- 0. 0 Dollars
- 1. 1 - 10,000 Dollars
- 2. 10,001 - 499,999 Dollars
- 3. 500,000 and over
- 4. Unknown

**M51 - SUBCONTRACTOR TYPE AWARD**

- A. Small Business Set-Aside Awarded to Non-Minority
- B. Small Business Set-Aside Awarded to Minority
- C. Small Business Not Set-Aside Awarded to Non-Minority

- D. Small Business Not Set-Aside Awarded to Minority

- E. 8(a) - SBA Awarded to Non-Minority (Women Owned, Veterans)

- F. 8(a) - SBA Awarded to Minority

- G. Personal Service Contract - Non-Minority

- H. Personal Service Contract - Minority

- I. Individual Non-Personal Service Contract - Non-Minority

- J. Individual Non-Personal Service Contract - Minority

- K. Not Small Business (Univ., Non-Profit, Large Firms) - Non-Minority

- L. Not Small Business (Univ., Non-Profit, Large Firms) - Minority

- M. U.S. Government

- N. Unknown

**M56 - SUBJECT TO STATUTORY REQUIREMENT**

- A. Walsh-Healey Act, Manufacturer\*

- B. Walsh-Healey Act, Regular Dealer\*

- C. Service Contract Act (U.S. ONLY - Guards, Maintenance, Laborers)

- D. Davis-Bacon Act (Construction)

- E. Not subject to Walsh-Healey, Service Contract or Davis-Bacon Act (Most AID Contracts)

\*Equipment, Supplies, Materials, and Commodities

**M57 - AFFIRMATIVE ACTION PLAN ON FILE**

- YES  NO

**M58 - AFFIRMATIVE ACTION PLAN ON PREVIOUSLY HELD CONTRACTS**

- YES  NO

**M60 - INCREMENTAL FUNDED CONTRACT**

- YES  NO

**M61 - CONSULTANT TYPE AWARD**

Is the Award for Consulting Type Service to AID?

- YES  NO

**M63 - EXTENT OF COMPETITION IN**

**NEGOTIATION**

**COMPETITIVE**

- A1. Small Business Total Set-Aside

- A2. Small Business Partial Set-Aside

- A3. Labor Surplus Set-Aside

- A4. Labor Surplus/Small Business Set-Aside

- A9. Other (Specify) \_\_\_\_\_

**NON-COMPETITIVE**

- B1. Buy Indian

- B2. 8(a) Program

- B3. Follow-on After Competition

- B9. Other (Specify) \_\_\_\_\_

**M55 - TYPE OF BUSINESS**

- E1. Source: Non-U.S. and Used Outside U.S. and Possessions

- E2. Source Non-U.S. and Possessions (Foreign Purchases Used Inside U.S.) (If U.S. Source, complete A thru D)

- A1. Small Business - Disadvantaged 8(a)

- A2. Small Business - Owned by Minority Group

- A3. Other Small Business (including individuals)

- B1. Large Minority Business

- B2. Other Large Business

- C1. Non-Profit Private Educational Organization

- C2. Non-Profit Hospital

- C3. Non-Profit Research Institution, Foundation, and Laboratories

- C4. Other Non-Profit Institutions

- D1. State/Local Government Educational Institution

- D2. State/Local Government Hospital

- D3. State/Local Government Research Organization

- D4. Other State/Local (Specify) \_\_\_\_\_

**M66 - COST ACCOUNTING STANDARDS**

- Required  Not Required

**M67 - NUMBER OF BIDDERS OFFERING ITEMS OR SERVICES OF FOREIGN CONTENT**

**M68 - WOMEN OWNED BUSINESS**

- YES  NO

**M69 - PERCENT FOREIGN CONTENT OF COMMODITIES AND SERVICES**

**M70 - LABOR SURPLUS AREA (LSA)**

**PREFERENCE**

(Location of Contractor)

- 1. Labor Surplus Area - No Preference

- 3. Labor Surplus Area - Tie Bid Preference

- 5. Not a Labor Surplus Area Preference Award

- 7. Total Labor Surplus/Small Business Set-Aside Preference

- 8. Total Labor Surplus Set-Aside Preference (P.L. 95-89)

NOTE: M03 thru M51 are required for AID reporting; M56 thru M70 are required for the Office of Federal Procurement Policy reporting. SER/CM has no control over those elements.

**SEP 8 1981**

**AUG 25 1981**

Ms. Barbara Shunney  
Controller  
Volunteers in Technical  
Assistance, Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

**Subject: Cooperative Agreement  
AID/DSAN-CA-0182  
Amendment No. 8**

Dear Ms. Shunney:

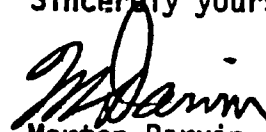
Pursuant to the authority contained in the Foreign Assistance Act of 1961, as amended, and the Federal Grant and Cooperative Agreement Act of 1977, the Agency for International Development hereby amends the subject Cooperative Agreement effective the date of this letter to provide incremental funding of \$725,000.

- A. Cover Page  
From block entitled "Amount Obligated" delete "\$2,859,044" and substitute "\$3,584,044."
- B. Article I - Cooperative Agreement
  - 1. Delete from paragraph B. 1, the figure "\$2,859,044" and substitute "\$3,584,044."
  - 2. Delete from paragraph B. 2, the figure "\$7,129,956" and substitute "\$6,404,956."

Except as expressly amended herein, the Cooperative Agreement remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign the original and ten (10) copies of this amendment. Return the original and nine (9) copies to the undersigned.

Sincerely yours,



Morton Darvin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED:

Volunteers in Technical Assistance, Inc.

BY: Barbara Shunney

TITLE: Contractor

DATE: 8/25/81

Fiscal Data

Amount Obligated by this Amendment: \$725,000  
Total Obligated Amount of CA: \$3,584,044  
Appropriation No.: 72-1111021.3  
Allotment No.: 143-36-099-00-20-11  
Project No.: 936-5701  
PIO/T No.: 3611348

o/cy790  
FUNDS AVAILABLE

Program Accty. Division  
OFFICE OF FINANCIAL MANAGEMENT  


AUG 17 1981

MEMORANDUM

Date: August 14, 1981

TO : Distribution

FROM : CM/SOD, Donald Dickie

SUBJECT: Cooperative Agreement No. AID/DSAN-CA-0182 between A.I.D.  
and Volunteers in Technical Assistance

This transmits one copy of a Negotiated Indirect Cost Rate Agreement dated August 4, 1981. This Agreement is also Amendment No. 7 to the subject agreement.

The purpose of this Amendment is to establish final and/or provisional indirect cost rates.

If additional copies are required, please contact CM/SOD/OSC.

DISTRIBUTION:

CM/SD/SUP, Mrs. B. Lewis  
CM/SD/SUP, Mrs. Sarah Lewis  
SER/FM/PAD, Mr. P. Amos  
AAG/W, Mr. A. LeBlanc (2 copies)

Contracting Officer, CM/ COD/AN, M. Darwin

Project Manager, AFR/RA, J. Rose

USAID/ \_\_\_\_\_

STAT Section

AUG 18 1981

ENTERED

# ORIGINAL NEGOTIATED INDIRECT COST RATE AGREEMENT

Date August 4, 1981

SUBJECT: Indirect Cost Rates for Use in Cost Reimbursement Type Agreements With the Agency for International Development (AID)

REFERENCE: VITA proposals dated July 11, 1980, May 21, 1981 and July 27, 1981

CONTRACTOR: Volunteers in Technical Assistance  
or  
GRANTEE: 3706 Rhode Island Avenue  
Mt. Rainier, MD 20822

## PART I - NEGOTIATED INDIRECT COST RATES (%)

<u>Type</u>	<u>Effective Period</u>		<u>Overhead Rate</u>
	<u>From</u>	<u>Through</u>	
Provisional	1-1-79	12-31-79	24.20
Provisional	1-1-80	12-31-80	26.47
Provisional	1-1-81	Until amended	28.00

### Base of Application

Total direct cost but excluding subgrants, furniture, and equipment, computer hardware and software, security and renovation cost.

Acceptance of the rate(s) agreed to herein is predicated upon the conditions: (1) that no costs other than those incurred by the grantee/contractor were included in its indirect cost rate proposal and that such costs are legal obligations of the grantee/contractor; (2) that the same costs that have been treated as indirect costs have not been claimed as direct costs; (3) that similar types of costs have been accorded consistent treatment; and (4) that the information provided by the grantee/contractor which was used as the basis for acceptance of the rate(s) agreed to herein is not subsequently found to be materially incomplete or inaccurate.

PART II - ITEMS NORMALLY TREATED AS DIRECT COSTS

14112190

PART III - SPECIAL TERMS AND CONDITIONS

Pursuant to § 7-3.705 of the Agency for International Development Procurement Regulations (AIDPR), the negotiated indirect cost rates set forth in Part I of this Agreement are incorporated into AID Agreements shown below. This Agreement shall not change any monetary ceiling, obligation, or specific cost allowance or disallowance provided for in the Contracts or Grants listed below or any other Agreement between the parties.

<u>Contract/Grant Number</u>	<u>Amendment Number</u>	<u>Project Number</u>
AID/DSAN-CA-0182	7	936-5701
AID/DSAN-C-0020	6	931-0003
AID/SOD/PDC-G-0149	4	938-0157

Aug 19 3 05 PM '81

CONTRACTING OFFICER  
SERVICES

ACCEPTED:

BY Barbara Shunney  
 Barbara Shunney  
 Printed or Typed Name  
 Controller  
 Title  
 August 7, 1981  
 Date

Ronald B. Dickie  
 Donald B. Dickie

CONTRACTING OFFICER  
 Overhead and Special Costs Branch  
 Services Operations Division  
 Office of Contract Management  
 Agency for International Development

dd

DISTRIBUTION:

<u>CM/ROD</u>		<u>CM/COD</u>		<u>CM/SOD</u>		<u>OTHER</u>	
AFR	x	AN	x	PDC	x	AAG/W	x
NE		PE			x	CM/SD/SUP	x
LA		OTR			x	FM/PAD	x
ASIA							
							AFR/RA
							DS/DIU
							PDC/PMS



**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action  
Monitor **MVS**

SER/CM/SD/SUP Action  
Office **COD/AN**

**INSTRUCTIONS:** AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy, Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name <b>Volunteers in Technical Assistance</b>			
PIO/T Number <b>A#1 698-0410.22-3-900009</b>	Appropriation Number <b>72-1191021.3</b>	Allotment Number <b>943-60-696-00-69-03</b>	Project Number <b>936-5701</b>
Project Title <b>Renewable &amp; Improved Traditional Energy (Low Cost Energy Technologies for Rural Poor)</b>			
Amount of this PIO/T <b>\$152,500</b>	Project Manager's Name and Office Symbol <b>AFR/RA: John Rose</b>		Contractor's D-U-N-S Number'
Negotiator's Typed Name <b>Bender</b>		Signature <i>Ernest Bender</i>	Date
Contract/Grant Officer's Typed Name <b>Morton Darvin</b>		Signature <i>MDJ</i>	Date <b>5-21-81</b>

**PART IB.**

Contract/Grant Number <b>AID/DSAN-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>6</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>5/20/81</b>
--	------------	--------------	---	---

**PART II.**

Effective Date of Document <b>5/27/81</b>	Signature Date of Document <b>5/27/81</b>	Estimated Completion Date <b>8/30/84</b>	Contract/Grant funded through (date) <b>8/30/82</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/Subobligated by this Action <b>\$151,005</b>	Cumulative Obligation thru this Action <b>2,859,044</b>

**PART III.**

Description of Contract/Grant: Please 'X' ONLY ONE item under each heading IF OTHER, please specify (Complete both pages 1 and 2). NOTE. Not to be completed for Amendment or Modification Actions.

**M03 - TYPE ACTION**

- 0. Contract/Grant/Cooperative Agreement
- 1. Task Order (BOA)\*
- 2. Work Order (IQC)\*
- 3. Delivery Order (Requirements)\*
- 4. Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc )
- 1. Fixed Price (Specify FFP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2. Cost Reimbursement (Specify CR, CRF, CS, CPAF, CPIF) \_\_\_\_\_
- 3. Cooperative Agreement
- 4. Grant - General Support\*
- 5. Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7. Do Not Use
- 8. IQCs
- 9. Host Country Contract/Grant\*

\*Complete ONLY through M51

**M05 - SELECTION PROCEDURES**

- A. Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B. Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C. A & E (AIDPR 7-4.10)
- D. Ed. Inst. and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7-4.58)
- F. Predominant Capability (AIDPR 7-3.101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3.101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L. Grant (Handbook 13)
- M Do Not Use
- N Cooperative Agreement (Handbook 13)
- O Small Business Set-Aside (FPR 1-1.706-8)
- P Overseas Procuring Activities (AIDPR 7-3.101-50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B. Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc )
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

ORIGINAL

MAY 29 1981

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D.C. 20523

MAY 27 1981

Ms. Barbara Shunney  
Controller  
Volunteers in Technical  
Assistance, Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

Subject: Cooperative Agreement  
AID/DSAN-CA-0182  
Amendment No. 6

Dear Ms. Shunney:

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 hereby amends the subject Cooperative Agreement effective the date of this letter to provide for an energy technician for the Centre d'Etudes et d'Applications de l'Energie an Rwanda.

- A. Cover Page  
From block entitled "Amount Obligated" delete "\$2,708,039" and insert "\$2,859,044."
- B. Article I - Cooperative Agreement  
Paragraph B
  1. Delete "\$2,708,039" and substitute "\$2,859,044."
  2. Delete "\$7,280,961" and substitute "\$7,129,956 "
- C. Program Description  
To "C." Specific Objectives" add the following:  
"4. Energy Advisor to Centre d'Etudes et d'Applications de l'Energie an Rwanda.

ORIGINAL

The Contractor will provide specialists and consultants in the field of renewable and improved traditional energy resources to assist the Rwanda Center for Applied Study of Energy at the University of Rwanda, located at Butare. The technicians to be provided will include:

**Long-term:** The technician should have training in mechanics, electrical chemical or rural engineering, or physics, with a strong background both in the mechanics and sciences of at least one energy technology. The contractor should be experienced in project and research management, preferably with experience working in a developing country. Eighteen months services are required. French language capability will be essential.

**Short-term:** Up to four months consultancies will be required in energy and energy related fields. The exact requirements will be determined by the long-term technician. Contractor should have access to a wide range of expertise. French language capability is important but not a requirement.

The long-term energy expert being contracted under this PIO/T will serve as technical advisor to the Director of the Centre d'Etudes et d'Applications de l'Energie au Rwanda (CEAER) at the University of Rwanda, situated at Butare, and as project officer for implementation of the AID financed Rwanda Renewable and Improved Traditional Energy Project. Short-term experts will provide specific assistance determined to be essential to the project and not available otherwise.

CEAER was created in 1974 and is jointly funded by the Government and the University for the following reasons:

- Study and develop technologies to use local indigenous energy resources to meet needs for national economic development.
- Demonstrate the potential for mass extension and use of these technologies via field testing of prototypes.
- Train students to be able to carry on both the work of CEAER and to acquire the skills to meet the nation's energy manpower needs.

CEAER is relatively well staffed and equipped for carrying out research. Their most significant work has been in adapting a solar water heater to Rwandan conditions. They are now moving to upgrade the preliminary work on other alternate energy applications for rural areas, including solar cell pumping, bio-gas conversion, solar crop dryers, solar refrigeration, peat for use as a fuel, improved charcoal production and more efficient wood burning stoves. The AID financing will assist in research and adaptive testing of the more viable of these options.

Reports: The contractor will be required to work with CEAER to:

1. Assure an appropriate technology approach, emphasizing the use of non-imported materials.
2. Assure a multi-disciplinary approach to research and testing to ensure that prototype devices are socially acceptable and economically viable.
3. Provide technical advice on research and testing.
4. Prepare annual work plans for laboratory and field research and extensive field testing. Set up field testing/evaluation models.
5. Determine requirements for short-term technical consultancies, Draft TOR's for consultancies.
6. Assist in designing training programs for Rwandan university students and for rural energy technicians.
7. Determine commodity and equipment requirements at the CEAER and prepare specifications for U.S. and local procurement.
8. Devise criteria for a Rural Energy Fund to extensively test energy devices in rural commodities.
9. Participate in energy colloquia sponsored by the University.
10. Contribute to progress reports required of CEAER.

Funds for the above level of effort in Rwanda will be provided by USAID/Rwanda as follows:

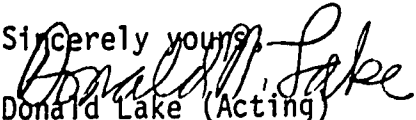
<u>Item</u>	<u>\$ Budget</u>
1. Salary	\$ 52,700 -
2. Fringe Benfit	10,013 -
3. Orientation	2,590 -
4. Travel & Per Diem	9,817 -
5. Moving Expenses	20,034 -
6. Other Direct Costs	12,428 -
7. Information Resources	14,000 -
8. Overhead	29,423 -
	<u>\$151,005</u>

The following logistic support is provided by USAID/Rwanda and the Government of Rwanda (GOR):


1. Office space and equipment
2. Housing (utilities paid by contractor)
3. Furniture and household equipment; customs clearance of air-freight and household effects are the responsibility of GOR. The AID office in Kigali will assist. Furniture and appliances will be made available by USAID/Rwanda.
4. Medical facilities (Walk-in medical services, in Kigali, are available to contractor personnel and dependents.)
5. Vehicle (a vehicle is provided to CEAER for project use only)
6. Contractor will be allowed the use of AID letter pouch facilities in accordance with regulations in effect at the U.S. Embassy in Kigali."

Except as provided herein, all terms and conditions of this Cooperative Agreement, as previously amended, remain unchanged and in full force and effect.

To acknowledge your acceptance, please sign the original and ten (10) copies of this amendment. Return the original and nine (9) copies to the undersigned.

Sincerely yours,  
  
 Donald Lake (Acting)  
 Agreement Officer  
 Agriculture/Nutrition Branch  
 Central Operations Division  
 Office of Contract Management

ACCEPTED:  
Volunteers in Technical Assistance, Inc.

BY:   
 TITLE: Executive Director

DATE: May 28, 1981

*AM*  
\$ 151,005

Fiscal Data  
 Amount Obligated by Amendment: ~~\$15,005~~  
 Total Obligated Amount of CA: \$2,859,600  
 Appropriation No: 72-1191021.3  
 Allotment No: 943-60-696-00-69-03  
 Project No: 936-5701  
 PIO/T No: 698-0419.22-3-900009

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action Monitor **MVS**

SER/CM/SD/SUP Action Office **COD/AN**

INSTRUCTIONS. AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy; Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name  
**Volunteers in Technical Assistance (VITA)**

PIO/T Number <b>936-5701-3611348</b>	Appropriation Number <b>72-1111021.3</b>	Allotment Number <b>143-36-099-00-20-11</b>	Project Number <b>936-5701</b>
---	---	--	-----------------------------------

Project Title  
**Low Cost Energy Technologies for Rural and Urban Poor**

Amount of this PIO/T <b>\$600,000</b>	Project Manager's Name and Office Symbol <b>DS/EY: A.R. Roan</b>	Contractor's D-U-N-S Number
Negotiator's Typed Name <b>Bender</b>	Signature <i>R. O. Bender</i>	Date <b>4/21</b>
Contract/Grant Officer's Typed Name <b>Morton Darvin</b>	Signature <i>[Signature]</i>	Date <b>[Blank]</b>

**PART IB.**

Contract/Grant Number <b>AID/DSAN-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>5</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>4/20/81</b>
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**PART II.**

Effective Date of Document <b>4/28/81</b>	Signature Date of Document <b>4/28/81</b>	Estimated Completion Date <b>8/30/84</b>	Contract/Grant funded through (date) <b>7/31/81</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/ Subobligated by this Action <b>\$600,000</b>	Cumulative Obligation thru this Action <b>\$2,708,039</b>

**PART III.**

Description of Contract/Grant: Please 'X' ONLY ONE item under each heading. IF OTHER, please specify. (Complete both pages 1 and 2). NOTF Not to be completed for Amendment or Modification Actions.

*Rec'd. for Validation 4/28/81*

**M03 - TYPE ACTION**

- 0 Contract/Grant/Cooperative Agreement
- 1 Task Order (BOA)\*
- 2 Work Order (IQC)\*
- 3 Delivery Order (Requirements)\*
- 4 Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc.)
- 1. Fixed Price (Specify I FP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2 Cost Reimbursement (Specify CR, CPFF, CS, CPAF, CPIF) \_\_\_\_\_
- 3 Cooperative Agreement
- 4 Grant - General Support\*
- 5 Grant - Specific Support
- 6 Grant - 211(d)\*
- 7 Do Not Use
- 8 IQCs
- 9 Host Country Contract/Grant\*

\*Complete ONLY through M51.

**M05 - SELECTION PROCEDURES**

- A Formally advertised (IFB) (AIDPR 7-2 4 & FPR 1 2 4)
- B Negotiated Price Competition, General Procedure (RFP) (AIDPR 7 4.56)
- C A & E. (AIDPR 7 4 10)
- D Fed Inst and/or Int'l Research (AIDPR 7-4.57)
- F Collaborative Assistance (AIDPR 7-4 58)
- I Predominant Capability (AIDPR 7-3 101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3 101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1 713-1)
- L. Grant (Handbook 13)
- M Do Not Use
- N Cooperative Agreement (Handbook 13)
- O Small Business Set Aside (FPR 1-1.706-8)
- P Overseas Procuring Activities (AIDPR 7-3 101-50(b)(2))

**M06 - TYPE SERVICE**

- A Training of Participants
- B Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H Equipment, Materials, Supplies, Commodities
- I Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- L. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc.)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- I Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

STAT Section  
MA: 8 1981  
ENTER

MAY 7 1981

ORIGINAL

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

Mr. Bernard Dvoskin  
Controller  
Volunteers in Technical  
Assistance, Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

APR 28 1981

Subject: Cooperative Agreement  
AID/DSAN-CA-0182  
Amendment No. 5

Dear Mr. Dvoskin:

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 hereby amends the subject Cooperative Agreement effective the date of this letter.

Article I - Cooperative Agreement

Paragraph B

Delete "\$2,108,039" and substitute "\$2,708,039".

Delete "\$7,880,961" and substitute "\$7,280,961".

Except as expressly amended herein, the Cooperative Agreement remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign the original and ten copies of this amendment. Return the original and nine copies to the undersigned.

Sincerely yours,

*Donald N. Lake*

Donald N. Lake (Acting)  
Agreement Officer  
Ag/NU Branch  
Central Operations Division  
Office of Contract Management

*010 4190*  
FUNDS AVAILABLE

APR 30 1981

*William*  
Program Acctg Division  
OFFICE OF FINANCIAL MANAGEMENT

ACCEPTED  
VOLUNTEERS IN TECHNICAL ASSISTANCE, INC.

BY: *B. Shumway*  
TITLE: *Controller*  
DATE: *5/5/81*

Fiscal Data

Amount Obligated by this  
Amendment: \$600,000  
Total Obligated Amount: \$2,708,039  
Appropriation No.: 73-1111021.3  
Allotment No.: 143-36-099-00-20-11  
Project No.: 936-5701  
PIO/T No.: 3611348

ORIGINAL

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action Monitor **MVS**

SER/CM/SD/SUP Action Office **COD/AN**

**INSTRUCTIONS** AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy; Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
 Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name <b>Volunteers in Technical Assistance</b>			
PIO/T Number <b>936-5701-3606721</b>	A#1 <b>A#1</b>	Appropriation Number <b>72.1101021.6</b>	Allotment Number <b>046-36-099-00-20-01</b>
Project Title <b>Low Cost Energy Technologies for Rural and Urban Poor</b>		Project Number <b>936-5701</b>	
Amount of this PIO/T <b>-0-</b>	Project Manager's Name and Office Symbol <b>DS/EY: A.R. Roan</b>		Contractor's D-U-N-S Number
Negotiator's Typed Name <b>BENDER</b>	Signature <i>R. O. Bender</i>		Date <b>2/10/81</b>
Contract/Grant Officer's Typed Name <b>Morton Darvin</b>	Signature <i>MD</i>		Date

**PART IB.**

Contract/Grant Number <b>AID/DSAN-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>4</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>2/9/81</b>
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**PART II.**

Effective Date of Document <b>2/27/81</b>	Signature Date of Document <b>3/5/81</b>	Estimated Completion Date <b>8/30/84</b>	Contract/Grant funded through (date) <b>8/31/81</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/Subobligated by this Action <b>-0-</b>	Cumulative Obligation thru this Action <b>2,108,039</b>

**PART III.**

Description of Contract/Grant Please 'X' ONLY ONE item under each heading IF OTHER, please specify (Complete both pages 1 and 2). NOTE. Not to be completed for Amendment or Modification Actions

**M03 - TYPE ACTION**

- 0 Contract/Grant/Cooperative Agreement
- 1 Task Order (BOA)\*
- 2 Work Order (IQC)\*
- 3 Delivery Order (Requirements)\*
- 4 Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

- 0. MOA, (BOA, BMA, etc)
- 1. Fixed Price (Specify FFP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2. Cost Reimbursement (Specify CR, CPFF, CS, CPAF, CPIF) \_\_\_\_\_
- 3. Cooperative Agreement
- 4. Grant - General Support\*
- 5. Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7. Do Not Use
- 8. IQCs
- 9. Host Country Contract/Grant\*

\*Complete ONLY through M51.

**M05 - SELECTION PROCEDURES**

- A Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C A & E (AIDPR 7-4.10)
- D Fed Inst and/or Int'l Research (AIDPR 7-4.57)
- F Collaborative Assistance (AIDPR 7-4.58)
- I. Predominant Capability (AIDPR 7-3.101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3.101-50(b)(6))
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3 101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3 101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L. Grant (Handbook 13)
- M. Do Not Use
- N. Cooperative Agreement (Handbook 13)
- O. Small Business Set-Aside (FPR 1-1.706-8)
- P. Overseas Procuring Activities (AIDPR 7-3 101-50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B. Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc.)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)



MAR 16 1981

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

FEB. 27 1981

Mr. Bernard Dvoskin  
Controller  
Volunteers in Technical Assistance, Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

Subject: Cooperative Agreement  
AID/DSAN-CA-0182  
Amendment No. 4

Dear Mr. Dvoskin:

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 hereby amends the subject Cooperative Agreement effective the date of this letter.

A. Article I - Cooperative Agreement  
Delete Article I in its entirety and substitute:

"Article I - Cooperative Agreement

A. Pursuant to the authority contained in the Foreign Assistance Act of 1961, as amended, the Agency for International Development (hereinafter referred to as AID) hereby enters into a Cooperative Agreement with the Volunteers in Technical Assistance (hereinafter referred to as VITA or Recipient). This Cooperative Agreement is made with the Recipient to support a program in Alternative Energy Strategies as described in Attachment A to this Cooperative Agreement entitled "Program Description," and in VITA's proposal entitled "Proposal for an International Program to Develop, Transfer, and Diffuse Low-Cost Alternative Energy Technologies for Rural Areas of the Third World," which is hereby incorporated by reference. The funds contained herein shall be administered in accordance with the terms and conditions as set forth in Attachment A entitled "Program Description" and Attachment B entitled Standard Provisions.

In the event of an inconsistency between the program description, the Standard Provisions and VITA's technical proposal; the program description and the Standard Provisions shall govern.

B. The Recipient will be reimbursed for the costs incurred by him in performing services hereunder in accordance with the applicable provisions of the Program Description and the Standard Provisions, subject to the following limitations made in respect thereto:

1. Total AID dollar funds available for payment and allotted to this Agreement. See the clause of the Standard Provisions entitled "Limitation of Funds" and the Article of the Schedule entitled "Budget." \$2,108,039
2. Estimated additional funds which may be provided, subject to the availability of funds and as otherwise mutually agreed. \$7,880,961
3. Total Estimated Contract Cost \$9,989,000

It is estimated that the aforesaid amount will be sufficient to complete the work required hereunder as set forth in the Program Description."

B. Article III - Budget

Delete in its entirety and substitute the attached "Article III - Budget" therefor.

Except as expressly amended herein, the Cooperative Agreement remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign and return the original and eight (8) copies of this amendment.

Sincerely yours,



Morton Darvin  
Agreement Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED:

VOLUNTEERS IN TECHNICAL  
ASSISTANCE, INC.

BY: Bernard V. Dush

TITLE: Controller

DATE: 3/5/81

"Article III - Budget

<u>ITEM</u>	<u>Total Actual &amp; Estimated Cost</u> FR:8/31/79 TO:8-31-80	<u>Estimated Budget</u> FR:9/1/80 TO:8/31/81	<u>Estimated Budget</u> FR:9/1/81 TO:8/31/82	<u>Est. Cost to Completion</u> FR:9/1/82 TO:8/30/84	<u>Total Estimated Cost</u> FR:8/31/79 TO:8/30/84
Salaries	\$252,838	\$682,474	\$701,058	\$863,509	\$2,499,879
Fringe Benefits	45,325	116,420	119,766	168,387	449,898
Consultants	58,734	73,750	105,700	196,816	435,000
Computer	32,807	60,800	26,000	61,803	181,410
Travel & Allowance	30,468	94,723	193,003	461,789	779,983
Prototype	-0-	50,000	15,000	10,000	75,000
Printing & Photography	17,199	100,000	41,197	42,209	200,605
Other Direct Costs	124,446	152,175	92,772	20,012	389,405
Field Offices	62,959	208,100	48,000	422,429	741,488
Grants	51,828	239,901	800,000	1,908,271	3,000,000
Overhead	<u>165,759</u>	<u>318,676</u>	<u>291,670</u>	<u>460,227</u>	<u>1,236,332</u>
Grand Total	\$842,363	\$2,097,019	\$2,434,166	\$4,615,452	\$9,989,000"

Adjustments among line items are unrestricted. Twelve months from the effective date of this agreement and every twelve months thereafter, VITA shall submit to the AID Grant Office a budget which projects the estimated costs for the following two years."

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action Monitor **S.K.**

SER/CM/SD/SUP Action Office **CM/GOD/AN**

INSTRUCTIONS: AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy, Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name  
**VITA**

PIO/T Number <b>625-0911-3-6707054</b>	Appropriation Number <b>72-11X1012</b>	Allotment Number <b>812-67-625-00-69-01</b>	Project Number
Project Title <b>Sahel Regional Aid Coordination and Planning Project</b>			
Amount of this PIO/T <b>\$200,000</b>	Project Manager's Name and Office Symbol <b>AFR/SWA/SDP, Dayton Maxwell</b>		Contractor's D-U-N-S Number
Negotiator's Typed Name <b>Bender</b>	Signature <i>[Signature]</i>		Date <b>9/12/80</b>
Contract/Grant Officer's Typed Name <b>Morton Darvin</b>	Signature <i>[Signature]</i>		Date

**PART IB.**

Contract/Grant Number <b>AID/DSAN-GA-0182</b>	Type Order	Order Number	Amendment/Modification Number <b>23</b>	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>9-9-80</b>
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**PART II.**

Effective Date of Document <b>9/30/80</b>	Signature Date of Document <b>9/29/80</b>	Estimated Completion Date <b>8/30/84</b>	Contract/Grant funded through (date) <b>8/31/81</b>
Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/ Subobligated by this Action <b>\$194,034</b>	Cumulative Obligation thru this Action <b>\$2,108,034</b>

**PART III.**

Description of Contract/Grant/Cooperative Agreement under each heading. IF OTHER, please specify (Complete both pages 1 and 2). NOTE: Not to be completed for Amendment/Modification/Agreements

**ENTERED**

**M03 - TYPE ACTION**

- 0 Contract/Grant/Cooperative Agreement
- 1 Task Order (BOA)\*
- 2 Work Order (IQC)\*
- 3 Delivery Order (Requirements)\*
- 4 Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

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- 1. Fixed Price (Specify FFP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2. Cost Reimbursement (Specify CR, CPF-F, CS, CPAF, CPIF) \_\_\_\_\_
- 3. Cooperative Agreement
- 4. Grant - General Support\*
- 5. Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7. Do Not Use
- 8. IQCs
- 9. Host Country Contract/Grant\*

\*Complete ONLY through M51.

**M05 - SELECTION PROCEDURES**

- A. Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B. Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C. A & E. (AIDPR 7-4.10)
- D. Ind Inst and/or Int'l Research (AIDPR 7-4.57)
- E. Collaborative Assistance (AIDPR 7-4.58)
- F. Predominant Capability (AIDPR 7-3.101-50(b)(3))

**G. Unsolicited Proposal (AIDPR**

- 7-3.101-50(b)(6)
- H. Procurement to be Performed by the Contractor in Person (AIDPR 7-3.101-50(b)(1))
- I. Sole Source (AIDPR 7-3.101-50(b)(4))
- J. Impairment of Foreign Policy Objectives (AIDPR 7-3.101-50(b)(7))
- K. 8(a) Selection (FPR 1-1.713-1)
- L. Grant (Handbook 13)
- M. Do Not Use
- N. Cooperative Agreement (Handbook 13)
- O. Small Business Set-Aside (FPR 1-1.706-8)
- P. Overseas Procuring Activities (AIDPR 7-3.101-50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B. Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc.)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

ORIGINAL

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

SEP. 29 1980

Mr. Bernard Dvoskin  
Controller  
Volunteers in Technical Assistance, Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

Subject: Cooperative Agreement  
AID/DSAN-CA-0182  
Amendment No. 3

Dear Mr. Dvoskin:

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 hereby amends the subject Cooperative Agreement effective September 30, 1980 to provide for a Regional Technical Coordinator for the VITA-CILSS Woodstove Program in Ouagadougou during the period September 30, 1980 through September 30, 1982.

A. Cover Page

From block entitled "Amount Obligated" delete "\$1,914,000" and insert in lieu thereof "\$2,108,039."

B. Schedule

Article I - Cooperative Agreement

1. Delete dollar figure "\$1,914,000" and insert in lieu thereof "\$2,108,039."

2. Delete dollar figure "\$9,075,000" and insert in lieu thereof "\$8,049,373."

3. Delete dollar figure "\$9,989,000" and insert in lieu thereof "\$10,157,412."

ORIGINAL

**C. Program Description**

To "C. Specific Objectives" add the following:

**"4. Regional Appropriate Technology Coordinator**

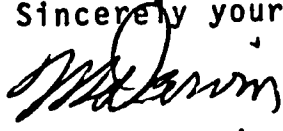
VITA Regional Appropriate Technology Coordinator to reside in Ouagadougou. His responsibilities will be to:

- a. report to CILSS regarding programmatic responsibilities and to VITA for administrative matters.
- b. serve as liaison between national level individuals and institutions interested or involved in woodstoves and other appropriate technology projects in the Sahel.
- c. provide central Sahelian focus for literature and data gathering and exchange.
- d. identify universities, training institutions, private entrepreneurs interested in and capable of conducting woodstove research testing as well as other appropriate technology research.
- e. coordinate activities by VITA/MT. Rainier Staff, VITA volunteers and consultants to woodstoves and other appropriate technology projects in the Sahel region.
- f. conduct conferences, seminars at the national and/or regional level for government officials, private voluntary organizations, businesses/artisans, and members of women's organizations, to exchange information, project findings, outcomes of training programs and tests, and to disseminate strategies among woodstove and appropriate technology personnel.
- g. provide leadership at the regional level to national and local woodstove and other appropriate technology dissemination efforts.
- h. conduct, coordinate, publicize through VITA publications, ongoing research, and testing of improved woodstoves and other appropriate technology findings."

Except as expressly amended herein, the Cooperative Agreement remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign and return the original and eight (8) copies of this amendment.

Sincerely yours,



Morton Darvin  
Grant Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED

VOLUNTEERS IN TECHNICAL ASSISTANCE, INC.

BY: Henry B. Norman

TITLE: Executive Director

DATE: 10/27/80

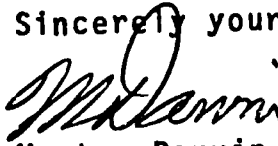
FISCAL DATA

Amount Obligated by this Amendment: \$194,039  
Total Obligated Amount: \$2,108,039  
Appropriation No.: 72-11X1012  
Allotment No.: 812-67-625-00-69-01  
Project No.: 625-0911  
PIO/T No.: 625-0911-3-67-07054

Except as expressly amended herein, the Cooperative Agreement remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign and return the original and eight (8) copies of this amendment.

Sincerely yours,



Morton Darvin  
Grant Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

ACCEPTED

VOLUNTEERS IN TECHNICAL ASSISTANCE, INC.

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

FISCAL DATA

Amount Obligated by this Amendment: \$194,039  
Total Obligated Amount: \$2,108,039  
Appropriation No.: 72-11X1012  
Allotment No.: 812-67-625-00-69-01  
Project No.: 625-0911  
PIO/T No.: 625-0911-3-67-07054

FUNDS AVAILABLE

*KT*  
SEP 30 1980

*490*  
Program Acctg. Division  
OFFICE OF FINANCIAL MANAGEMENT



MEMORANDUM

Date: 1 October 1980

TO : Distribution

FROM : <sup>NOV 10</sup> CM/SOD, Donald Dickie

SUBJECT: Agreement No AID/DSAN-CA-0182 between A.I.D.  
and Volunteers in Technical Assistance,

This transmits one copy of a Negotiated Indirect Cost Rate Agreement dated September 22, 1980. This Agreement is also Amendment No. 2 to the subject agreement.

The purpose of this Amendment is to establish final and/or provisional indirect cost rates.

If additional copies are required, please contact CM/SOD/DSC.

DISTRIBUTION:

CM/SD/SUP, Mrs. B. Lewis ✓  
CM/SD/SUP, Mrs. GARAH LEWIS  
SER/FM/PAD, P. Amos  
AAG/K, Mr. A. LeBlanc (2 copies)

Contracting Officer, CM/ COD/AN, M. Darwin

Project Manager, DS/EY, A. Jacobs

USAID/ \_\_\_\_\_

ORIGINAL

NEGOTIATED INDIRECT COST RATE AGREEMENT

Date 22 September 1980

SUBJECT: Indirect Cost Rates for Use in Cost Reimbursement Type Agreements With the Agency for International Development (AID)

REFERENCE: VITA Proposal and related correspondence dated July 11, August 14, and September 15, 1980. and Negotiations with the Controller, VITA

CONTRACTOR: Volunteers in Technical Assistance (VITA)  
or  
3706 Rhode Island Avenue  
GRANTEE: Mt. Rainier, Md. 20822

*PART I - NEGOTIATED INDIRECT COST RATES (%)*

<u>Type</u>	<u>Effective Period</u>		<u>Overhead</u>
	<u>From</u>	<u>Through</u>	
Provisional	1-1-79	Until amended	24.2

Base of Application

Total direct costs excluding subgrants, furniture and equipment, computer hardware and software, security and renovation costs.

Acceptance of the rate(s) agreed to herein is predicated upon the conditions: (1) that no costs other than those incurred by the grantee/contractor were included in its indirect cost rate proposal and that such costs are legal obligations of the grantee/contractor; (2) that the same costs that have been treated as indirect costs have not been claimed as direct costs, (3) that similar types of costs have been accorded consistent treatment; and (4) that the information provided by the grantee/contractor which was used as the basis for acceptance of the rate(s) agreed to herein is not subsequently found to be materially incomplete or inaccurate.

PART II - ITEMS NORMALLY TREATED AS DIRECT COSTS

1-1-1980

PART III - SPECIAL TERMS AND CONDITIONS

Pursuant to § 7-3.705 of the Agency for International Development Procurement Regulations (AIDPR), the negotiated indirect cost rates set forth in Part I of this Agreement are incorporated into AID Agreements shown below. This Agreement shall not change any monetary ceiling, obligation, or specific cost allowance or disallowance provided for in the Contracts or Grants listed below or any other Agreement between the parties.

<u>Contract/Grant Number</u>	<u>Amendment Number</u>	<u>Project Number</u>
AID/DSAN-CA-0182	2	936-5701
AID/DSAN-C-0200	5	931-0003
AID//SOD/PDC-G-0149	2	938-0157

ACCEPTED:

BY

*Bernard V. Dvoskin*

BERNARD V. DVOSKIN  
Printed or Typed Name

CONTROLLER  
Title

9/25/80  
Date

*Donald Dickie*  
Donald Dickie

CONTRACTING OFFICER  
Overhead and Special Costs Branch  
Services Operations Division  
Office of Contract Management  
Agency for International Development

rfm

DISTRIBUTION:

<u>CM/ROD</u>	<u>CM/COD</u>	<u>CM/SOD</u>	<u>OTHER</u>	
AFR	X AN	X PDC	X AAG/W	X DS//EY
NE	PE		X CM/SD/SUP	X DS/DIU
LA	OTR		X FM/PAD	X PDC/PMS
ASIA				

**CONTRACT/GRANT/COOPERATIVE AGREEMENT DATA SHEET**

SER/CM/SD/SUP Action Monitor **S.K.**

SER/CM/SD/SUP Action Office **CM/COD/AN**

INSTRUCTIONS: AID/W - Complete 4 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin. (Suspense) Copy.  
Missions - Complete 2 copies of the form. Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

Contractor/Grantee Name

PIO/T Number <b>3606724</b>	Appropriation Number <b>72-1101021.6</b>	Allotment Number <b>046-36-099-00-20-01</b>	Project Number <b>936-5701</b>
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Project Title

**Volunteers in Technical Assistance Low Cost Energy Technologies for Rural & Urban Poor**

Amount of this PIO/T <b>\$1,000,000</b>	Project Manager's Name and Office Symbol <b>DS/KY, A. B. Jacobs</b>	Contractor's D-U-N-S Number
--	--	-----------------------------

Negotiator's Typed Name	Signature	Date
-------------------------	-----------	------

Contract/Grant Officer's Typed Name <b>Morton Darwin</b>	Signature	Date
---	-----------	------

**PART IB.**

Contract/Grant Number <b>AID/DSAN-CA-0182</b>	Type Order	Order Number	Amendment/Modification Number	Date PIO/T Received by CM/SD/SUP or Mission Contract Office <b>7-10-80</b>
--	------------	--------------	-------------------------------	---

**PART II.**

Effective Date of Document <b>8/1/80</b>	Signature Date of Document <b>8/1/80</b>	Estimated Completion Date <b>8/1/80</b>	Contract/Grant funded through (date) <b>8/1/80</b>
---	---	--	---

Host Country Institution (University contract ONLY)	Campus Coordinator (University contract ONLY)	Amount Obligated/Deobligated/Subobligated by this Action	Cumulative Obligation thru this Action
---	---	--	--

**PART III.**

Description of Contract/Grant Please 'X' ONLY ONE item under each heading IF OTHER, please specify. (Complete both pages 1 and 2). NOTE: Not to be completed for Amendment or Modification Actions.

**M03 - TYPE ACTION**

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- 1. Task Order (BOA)\*
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- 3 Delivery Order (Requirements)\*
- 4 Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY.

**M04 - CONTRACT/GRANT TYPE**

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- 3 Cooperative Agreement
- 4 Grant - General Support\*
- 5 Grant - Specific Support\*
- 6. Grant - 211(d)\*
- 7 Do Not Use
- 8. IQCs
- 9 Host Country Contract/Grant\*

\*Complete ONLY through M51

**M05 - SELECTION PROCEDURES**

- A Formally advertised (IFB) (AIDPR 7-2.4 & FPR 1-2.4)
- B Negotiated Price Competition, General Procedure (RFP) (AIDPR 7-4.56)
- C A & E (AIDPR 7-4.10)
- D Fed Inst and/or Int'l Research (AIDPR 7-4.57)
- E Collaborative Assistance (AIDPR 7-4.58)
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- L. Grant (Handbook 13)
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- N. Cooperative Agreement (Handbook 13)
- O Small Business Set-Aside (FPR 1-1.706-8)
- P Overseas Procuring Activities (AIDPR 7-3.101-50(b)(2))

**M06 - TYPE SERVICE**

- A. Training of Participants
- B. Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F. Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H. Equipment, Materials, Supplies, Commodities
- I. Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A. Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C. Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H. International Agricultural Research Organization
- I. Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A. SB Set-Aside - Awarded to Non-Minority
- B. SB Set-Aside - Awarded to Minority
- C. SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E. 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

ORIGINAL

B

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON D C 20523

Mr. Bernard Dvoskin  
Controller  
Volunteers in Technical Assistance Inc.  
3706 Rhode Island Avenue  
Mt. Rainier, Maryland 20822

AUG 27 1980

Subject: Cooperative Agreement  
AID/DSAN-CA-0182  
Amendment No. 1

Dear Mr. Dvoskin:

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 does hereby amend the subject Cooperative Agreement effective August 31, 1980.

1. Cover Page - Accounting and Appropriation Data

- a) "Amount Obligated" delete "\$914,000" and insert in lieu thereof "\$1,914,000."
- b) "PIO/T No." add "3606721"

2. Schedule

- a) Article I - Cooperative Agreement, delete dollar figure "\$914,000" and insert in lieu thereof "\$1,914,000."
- b) Article III - Budget

Delete "Article III-Budget" in its entirety and insert in lieu thereof:

FUNDS AVAILABLE	
Date	8/27/80
Proj No	936-5701
Account No	3606721
Activity	4190
Activity Code	046-36-099-00-20-01
Amount	1,000,000 -
By	B. Williams
Initials	

ORIGINAL

"Article III - Budget

	Actual Costs 8/31/79- 6/30/80	Estimated Costs 7/1/80- 8/31/80	Total Actual & Estimated Cost 8/31/79- 8/31/80	Estimated Budget 9/1/80 8/31/81	Estimated Budget 9/1/81 8/31/82
Salaries	\$172,838	\$80,000	\$252,838	\$646,779	\$ 665,363
Fringe Benefits	30,925	14,400	45,325	116,420	119,766
Consultants	51,734	7,000	58,734	73,750	105,700
Computer	32,257	550	32,807	60,800	26,000
Travel & Allowance	18,468	12,000	30,468	77,050	175,330
Prototype	-0-	-0-	-0-	50,000	15,000
Printing & Photography	6,402	10,797	17,199	100,000	41,197
Other Direct Costs	98,446	26,000	124,446	127,175	67,772
Field Offices	35,159	27,800	62,959	208,100	48,000
Grants	11,828	40,000	51,828	239,901	800,000
Overhead	111,123	54,636	165,759	300,025	273,018
<b>Grand Totals</b>	<b><u>\$569,180</u></b>	<b><u>\$273,183</u></b>	<b><u>\$842,363</u></b>	<b><u>\$2,000,000</u></b>	<b><u>\$2,337,146</u></b>

Adjustments amongline items are unrestricted.

Twelve months from the effective date of this agreement and every twelve months thereafter, VITA shall submit to the AID Grant Officer a budget which projects estimated costs for the forthcoming two years."

Except as expressly amended herein, the Cooperative Agreement remains in full force and effect in accordance with its terms.

To acknowledge your acceptance, please sign and return the original and seven (7) copies of this amendment.

Sincerely yours,



Morton Darvin  
Grant Officer  
Agriculture/Nutrition Branch  
Central Operations Division  
Office of Contract Management

Accepted:

Volunteers in Technical Assistance, Inc.

BY:



TITLE:

Executive Director

DATE:

8/29/80

Fiscal Data

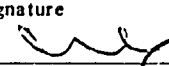
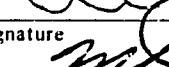
Amount Obligated by this Amendment: \$1,000,000  
Total Obligated Amount: \$1,914,000  
Appropriation No.: 72-1101021.6  
Allotment No.: 046-36-099-00-20-01  
Project No.: 936-5701  
PIO/T N.: 3606721

# CONTRACT



**INSTRUCTIONS** AID/W - Complete 4 copies of the form Original SER/CM/SD/SUP Statistical Section Copy, Copy 2 SER/CM/SD/SUP Administrative Copy, Copy 3 Contracting Officer's Copy, Copy 4 SER/CM/SD/SUP Admin (Suspense) Copy.  
**Missions** - Complete 2 copies of the form Original SER/CM/SD/SUP Statistical Section Copy, and Copy 2 will be retained in the Missions.

**PART IA.**

<b>Contractor/Grantee Name</b> <b>Volunteers in Technical Assistance</b>			
PIO/T Number <b>3698814</b>	Appropriation Number <b>72-1191021-6</b>	Allotment Number <b>946-36-099-00-20-91</b>	Project Number <b>936-5701</b>
<b>Project Title</b> <b>Low Cost Energy Technologies for Rural and Urban Poor</b>			
Amount of this PIO/T <b>\$914,000</b>	Project Manager's Name and Office Symbol <b>DS/EY E.R Backlund</b>		Contractor's D-U-N-S Number
Negotiator's Typed Name <b>Eldridge</b>	Signature 		Date <b>8/31/79</b>
Contract/Grant Officer's Typed Name <b>Morton Darwin</b>	Signature 		Date <b>8/31/79</b>

**PART IB.**

Contract/Grant Number <b>CA-0182</b>	Type Order	Order Number	Amendment/Modification Number	Date PIO/T Received by CM/SD/SU or Mission Contract Office
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**PART II.**

Effective Date of Document <b>8/31/79</b>	Signature Date of Document <b>8/31/79</b>	Estimated Completion Date <b>8/30/84</b>	Contract/Grant funded through (date) <b>8/1/80</b>
Host Country Institution (University contract ONLY)	Campus Coordinat. (University contract ONLY)	Amount Obligated/Deobligated/ Subobligated by this Action <b>914,000</b>	Cumulative Obligation thru this Action <b>914,000</b>

**PART III.**

Description of Contract/Grant Please 'X' ONLY ONE item under each heading IF OTHER, please specify (Complete both pages 1 and 2). NOTE. Not to be completed for Amendment or Modification Actions

**M03 - TYPE ACTION**

- 0 Contract/Grant/Cooperative Agreement
- 1 Task Order (BOA)\*
- 2 Work Order (IOC)\*
- 3 Delivery Order (Requirements)\*
- 4 Purchase Order

\*If 1, 2, or 3 have an 'X', complete M12 ONLY

**M04 - CONTRACT/GRANT TYPE**

- 0 MOA, (BOA, BMA, etc)
- 1 Fixed Price (Specify FIP, FPRD, FPEPA, FPI) \_\_\_\_\_
- 2 Cost Reimbursement (Specify CR, CPFF, CS, CPAI, CPII) \_\_\_\_\_
- 3 Cooperative Agreement
- 4 Grant - General Support\*
- 5 Grant - Specific Support\*
- 6 Grant 211(d)\*
- 7 Do Not Use
- 8 IQCs
- 9 Host Country Contract/Grant\*

\*Complete ONLY through M51

**M05 - SELECTION PROCEDURES**

- A Formally advertised (H B) (AIDPR 7-2 4 & 1 PR 1 2 4)
- B Negotiated Price Competition, General Procedure (RIP) (AIDPR 7 4 56)
- C A & L (AIDPR 7-4,10)
- D Fed Inst and/or Int'l Research (AIDPR 7-4 57)
- E Collaborative Assistance (AIDPR 7-4,58)
- F Predominant Capability (AIDPR 7-3 101-50(b)(3))

- G. Unsolicited Proposal (AIDPR 7-3,101-50(b)(6))
- H Procurement to be Performed by the Contractor in Person (AIDPR 7-3 101-50(b)(1))
- I Sole Source (AIDPR 7-3 101-50(b)(4))
- J Impairment of Foreign Policy Objectives (AIDPR 7 3 101-50(b)(7))
- K. 8(a) Selection (FPR 1 1 713-1)
- L. Grant (Handbook 13)
- M Do Not Use
- N Cooperative Agreement (Handbook 13)
- O Small Business Set Aside (FPR 1-1 706-8)
- P Overseas Procuring Activities (AIDPR 7 3 101-50(b)(2))

**M06 - TYPE SERVICE**

- A Training of Participants
- B Technical Assistance (Program, Project related except A & E Services)
- C. A & E Services
- D. Construction
- E. Research
- F Technical Services to AID (other than training, usually operating expense)
- G. Training Service for AID
- H Equipment, Materials, Supplies, Commodities
- I Translation Service

**M07 - TYPE CONTRACTOR/GRANTEE**

- A Firm - All profit-making firms (other than A & E)
- B. A & E Firms

- C Individual (Non-personal service)
- D. Individual (Personal Service)
- E. University/Other Educational Institutions
- F. Non-Profit Organization, Institutions (other than Ed or PVO)
- G. Private Voluntary Organization (PVO)
- H International Agricultural Research Organization
- I Public International Organizations (UN Agencies, ICRC World Bank, etc.) (HB 13, Chapter 5)

**M08 - TYPE AWARD**

- A SB Set-Aside - Awarded to Non-Minority
- B SB Set-Aside - Awarded to Minority
- C SB Not Set-Aside - Awarded to Non-Minority
- D. SB Not Set-Aside - Awarded to Minority
- E 8(a) SBA Awarded to Non-Minority (Women-Owned, Veterans, etc)
- F. 8(a) SBA Awarded to Minority
- G. Personal Service Contract - Non-Minority
- H. Personal Service Contract - Minority
- I. Individual Non-Personal Service Contract - Non-Minority
- J. Individual Non-Personal Service Contract - Minority
- K. Not Small Business (Univ., Non-Profit, Large Firms) Non-Minority
- L. Not Small Business (Univ., Non-Profit, Large Firms) Minority
- M. U.S. Government

(Continued on Page 2)

**M09 - CONTRACTING PARTIES**

- 1. Direct AID/W Executed Contract/Grant
- 2. Direct AID Mission Executed Contract/Grant
- 3. Host Country Grant Financed
- 4. Host Country Loan Financed
- 5. Host Country Contract/Grant Source of Finance Unknown

**M10 - PRIVATE VOLUNTARY ORGANIZATION**

- 1. U.S Registered PVO
- 2. U.S. Non-Registered PVO
- 3. U.S. Cooperative
- 4. Foreign Cooperatives
- 5. Foreign PVO
- 6. Other (Specify) \_\_\_\_\_

**M11 - ADVANCE**

- 1. No Advance
- 2. Advance - Non-FRLC
- 3. Advance - FRLC

**M12 - COUNTRY OF PERFORMANCE**

(Specify) Worldwide

**M13 - Is any travel required outside U.S.?**

- YES       NO

**M14 - CONTRACT/GRANT SOURCE**

- 1. U.S. Contractor/Grantee
- 2. Non-U.S. Contractor/Grantee
- 3. Combination of 1 & 2

**M15 - TYPE OWNERSHIP**

- 1. American Oriental
- 2. Black American
- 3. American Aleuts or Eskimos
- 4. American Indian
- 5. Hispanic
- 6. Other (Specify) Non-minority

**M22 - CURRENCY INDICATOR**

- 0. U.S. Dollar
- 1. Local Currency
- 2. Combination
- 3. Unfunded

**M50 - SUBCONTRACTING CODE**

- 0. 0 Dollars
- 1. 1 - 10,000 Dollars
- 2. 10,001 - 499,999 Dollars
- 3. 500,000 and over
- 4. Unknown

**M51 - SUBCONTRACTOR TYPE AWARD**

- A. Small Business Set-Aside Awarded to Non-Minority
- B. Small Business Set-Aside Awarded to Minority
- C. Small Business Not Set-Aside Awarded to Non-Minority

- D. Small Business Not Set-Aside Awarded to Minority

- E. 8(a) - SBA Awarded to Non-Minority (Women Owned, Veterans)

- F. 8(a) - SBA Awarded to Minority

- G. Personal Service Contract - Non-Minority

- H. Personal Service Contract - Minority

- I. Individual Non-Personal Service Contract - Non-Minority

- J. Individual Non-Personal Service Contract - Minority

- K. Not Small Business (Univ., Non-Profit, Large Firms) - Non-Minority

- L. Not Small Business (Univ., Non-Profit, Large Firms) - Minority

- M. U.S. Government

- N. Unknown

**M56 - SUBJECT TO STATUTORY REQUIREMENT**

- A. Walsh-Healey Act, Manufacturer\*
- B. Walsh-Healey Act, Regular Dealer\*
- C. Service Contract Act (U.S. ONLY - Guards, Maintenance, Laborers)
- D. Davis-Bacon Act (Construction)
- E. Not subject to Walsh-Healey, Service Contract or Davis-Bacon Act (Most AID Contracts)

\*Equipment, Supplies, Materials, and Commodities

**M57 - AFFIRMATIVE ACTION PLAN ON FILE**

- YES       NO

**M58 - AFFIRMATIVE ACTION PLAN ON PREVIOUSLY HELD CONTRACTS**

- YES       NO

**M60 - INCREMENTAL FUNDED CONTRACT**

- YES       NO

**M61 - CONSULTANT TYPE AWARD**

Is the Award for Consulting Type Service to AID?

- YES       NO

**M63 - EXTENT OF COMPETITION IN**

**NEGOTIATION**

**COMPETITIVE**

- A1. Small Business Total Set-Aside
- A2. Small Business Partial Set-Aside
- A3. Labor Surplus Set-Aside
- A4. Labor Surplus/Small Business Set-Aside
- A9. Other (Specify) \_\_\_\_\_

**NON-COMPETITIVE**

- B1. Buy Indian
- B2. 8(a) Program

- B3. Follow-on After Competition

- B9. Other (Specify) Cooperation Agreement

**M65 - TYPE OF BUSINESS**

- E1. Source: Non-U.S. and Used Outside U.S. and Possessions

- E2. Source: Non-U.S. and Possessions (Foreign Purchases Used Inside U.S.) (If U.S. Source, complete A thru D)

- A1. Small Business - Disadvantaged 8(a)

- A2. Small Business - Owned by Minority Group

- A3. Other Small Business (including individuals)

- B1. Large Minority Business

- B2. Other Large Business

- C1. Non-Profit Private Educational Organization

- C2. Non-Profit Hospital

- C3. Non-Profit Research Institution, Foundation, and Laboratories

- C4. Other Non-Profit Institutions

- D1. State/Local Government Educational Institution

- D2. State/Local Government Hospital

- D3. State/Local Government Research Organization

- D4. Other State/Local (Specify) \_\_\_\_\_

**M66 - COST ACCOUNTING STANDARDS**

- Required       Not Required

**M67 - NUMBER OF BIDDERS OFFERING ITEMS OR SERVICES OF FOREIGN CONTENT**

0

**M68 - WOMEN OWNED BUSINESS**

- YES       NO

**M69 - PERCENT FOREIGN CONTENT OF COMMODITIES AND SERVICES**

0

**M70 - LABOR SURPLUS AREA (LSA) PREFERENCE**

(Location of Contractor)

- 1. Labor Surplus Area - No Preference

- 3. Labor Surplus Area - Tie Bid Preference

- 5. Not a Labor Surplus Area Preference Award

- 7. Total Labor Surplus/Small Business Set-Aside Preference

- 8. Total Labor Surplus Set-Aside Preference (P L 95-89)

NOTE. M03 thru M51 are required for AID reporting; M56 thru M70 are required for the Office of Federal Procurement Policy reporting. SER/CM has no control over those elements.

ORIGINAL 8/17/79

AGENCY FOR INTERNATIONAL DEVELOPMENT

COOPERATIVE AGREEMENT - NON-EDUCATIONAL INSTITUTIONS

NO. AID/DSAN-CA-0182

PROJECT TITLE: Low Cost Energy Technologies for Rural and Urban Poor

PROJECT NO. 936-5701

AWARDED PURSUANT TO SEC. 635 OF THE FOREIGN ASSISTANCE ACT OF 1961, AS AMENDED, AND THE FEDERAL GRANT AND COOPERATIVE AGREEMENT ACT OF 1977

ISSUING OFFICE

Agency for International Development  
Office of Contract Management  
Washington, D.C. 20523  
Cognizant AID Scientific/Technical Office  
Office of Energy  
Development Support Bureau (DS/EY)

RECIPIENT

Volunteers in Technical Assistance Inc.

Name  
3706 Rhode Island Avenue

Street Address

Mt. Rainier, Maryland 30822

City State Zip Code

MAIL VOUCHERS (original and 3 copies) TO

Agency for International Development  
Office of Financial Management FM/PAD  
Washington, D.C. 20523

EFFECTIVE DATE:

8/31/79

EXPIRATION DATE:

8/30/84

ACCOUNTING AND APPROPRIATION DATA

Amount Obligated: \$914,000

Appropriation No: 72-1191-021-6

Allotment No: 946-36-099-00-20-91

PIOT No: 3698814

The United States of America, hereinafter called the Government, represented by the AID Grant Officer executing this Agreement, and the Recipient agree as follows: That the entire Agreement consists of: The Cover Page; the Schedule, consisting of 2 pages; Attachment "A", Program Description, and Attachment "B", Standard Provisions.

RECIPIENT

BY: (Signature of Authorized Individual)

*Bonnie L. Rice*

TYPED OR PRINTED NAME

Bonnie L. Rice

TITLE  
Director of Administration

DATE  
September 10, 1979...

SEPTEMBER 1978 EDITION

UNITED STATES OF AMERICA  
AGENCY FOR INTERNATIONAL DEVELOPMENT

BY: (Signature of AID Grant Officer)

*Morton Darvin*

TYPED OR PRINTED NAME

Morton Darvin

TITLE

AID Grant Officer

DATE

31 AUG 1979

0/C4190

*Burke*

ORIGINAL

OFFICE OF FINANCIAL MANAGEMENT

## SCHEDULE

### ARTICLE I - Cooperative Agreement

A. Pursuant to the authority contained in the Foreign Assistance Act of 1961, as amended, the Agency for International Development (hereinafter referred to as "A.I.D.") hereby enters into a Cooperative Agreement with the Volunteers in Technical Assistance (hereinafter referred to as "VITA" or "Recipient"). Under this Agreement, the amount of \$914,000 is provided by A.I.D. to support a program in Alternative Energy Strategies as more fully described in Attachment A to this Cooperative Agreement entitled "Program Description," and in VITA's proposal entitled "Proposal for an International Program to Develop, Transfer, and Diffuse Low-Cost Alternative Energy Technologies For Rural Areas of the Third World," which is hereby incorporated by reference. The recipient's expenditures hereunder may not exceed that amount. Subject to the availability of funds, and as otherwise mutually agreed, it is anticipated that additional AID funds of up to \$9,075,000 may be added to this agreement for a total estimated amount of \$9,989,000 for the period stated below.

B. This Agreement is effective as of the date indicated on the cover page and shall remain in effect until August 30, 1984.

C. This Cooperative Agreement is made with the Recipient on condition that the funds will be administered in accordance with the terms and conditions as set forth in Attachment A entitled "Program Description," and Attachment B entitled "Standard Provisions." In the event of an inconsistency between the program description, the Standard Provisions and VITA's technical proposal; the program description and the Standard Provisions shall govern.

### ARTICLE II - Provisions

#### A. Negotiated Overhead Rates

Pursuant to the Provisions of Standard Provisions 4 of the Cooperative Agreement entitled "Negotiated Overhead Rates - Non-Educational Institutions," a rate or rates shall be established for each of the Recipient's accounting periods during the term of this Cooperative Agreement. The rate for initial period shall be as set forth below:

<u>Type</u>	<u>Rate</u>	<u>Period</u>
Provisional:	18.4%	8/31/79 - 8/30/80
	23.8%	8/31/80 - until amended

#### Base of Application

All direct costs excluding computerization, security, renovation, grants, furniture and equipment.

B. Computer Requirements:

The recipient agrees that VITA's acquisition of computer hardware and software shall be in accordance with the following:

1. VITA will develop a requirements analysis to determine their data processing needs.

2. VITA will develop a buy/lease analysis to determine the most cost effective method of acquisition.

3. The requirements analysis and the buy/lease analysis will be presented to the grant officer for AID's review and approval prior to any commitment by VITA for the acquisition of computer hardware and software.

C. Alterations to Standard Provisions

The following Standard Provision contained in Attachment B of this Cooperative Agreement is hereby deleted in its entirety as being non-applicable:

9B. Payment - Periodic Advance

ARTICLE III - Budget

	8/31/79 8/30/80	8/31/80 8/30/81
Salaries	\$290,667	\$ 521,560
Fringe Benefits	52,320	93,881
Consultants	47,300	71,700
Computer	50,000	70,000
Travel and Allowances	86,520	157,456
Prototype	5,000	10,000
Printing and Photography	33,870	37,595
Other Direct Costs	83,356	64,390
Field Offices	27,167	184,695
Grants	200,000	400,000
Overhead	109,425	267,609
Grand Total	\$985,625	\$1,878,886

Adjustments among line items are unrestricted.

Twelve months from the effective date of this agreement and every twelve months thereafter, VITA shall submit to the AID Grant Officer a budget which projects the estimated costs for the following two years.

## Program Description

### A. Purpose of Cooperative Agreement

The purpose of this agreement is to make effective use of the broad experience and demonstrated competency of the Volunteers in Technical Assistance (VITA) in the field of alternative energy technologies. It is to enable VITA to enhance its ability to extend appropriate energy technologies to the LDCs and to provide material, information, financial and human resources for the support and advancement of low cost energy technologies based on renewable resources. The recipient will develop and implement alternative energy technology activities and programs, including related information, education and training activities, provide technical manuals and demonstration equipment; develop and demonstrate new and improved alternative energy technologies for acceptance and practice; support small scale alternative energy activities already in operation; encourage the development of international cooperation and information exchange by initiating regional centers and an international network of information and experience exchange; and support other appropriate programs which may be mutually acceptable in a broad field of alternative energy technology.

### B. AID-VITA Cooperation

The cognizant AID Technical Office and recipient will establish a close cooperative and collaborative relationship in the development of this program. To this end VITA will submit to the Project Manager in the Office of Energy a quarterly report which will review the program activities of the previous three months and also project a work plan for the following three months which will be mutually agreeable to the parties and in conformity with the criteria for project proposals stated in paragraph E below. Consultations between the parties on this and other matters considered appropriate by either party may be initiated and will be conducted by the Project Manager of the AID Office of Energy and the Director of Research and Development, the VITA person responsible for this program. The AID Project Manager will participate as AID's representative in VITA sponsored conferences/meetings on development and implementation of the alternative energy program and in other ways serve as liaison to and evaluator of project activities.

### C. Specific Objectives

(1) Technology Transfer Services: To expand VITA's existing technical assistance mechanisms to include outreach capability in following activities:

- a. The provision of on-site consultations by expert volunteers and staff to promote and facilitate use of alternative energy technologies.

- b. The provision of technical documentation on alternative energy technologies to LDCs which is most relevant, up to date and can be delivered most rapidly.
- c. The provision of by-mail technical and consulting services to enable volunteer and staff expertise to address LDC energy problems and efforts effectively and rapidly including use of expert panels in key technical areas, conferences to promote close-collaboration between university-based research and development and in-country programs, construction and adaptation of prototypes to test technologies and use of multidisciplinary advisory panels to monitor and evaluate these energy activities.
- d. The provision of alternative energy publications including technical manuals, technology-specific bulletins and resource directories, in appropriate languages (English, Spanish, French, Arabic, and as appropriate major third world languages) for the LDCs, to make alternative energy technologies understandable to, available to and used by the widest possible audience.
- e. The provision of education and training in alternative energy technologies through use of in-country training involving audio-visual materials, seminars, workshops and training sessions to encourage and facilitate the initiation, continuation and expansion of alternative energy technologies usage.

(2) International Alternative Energy Network: To establish an alternative energy network including all those working to solve rural energy problems to serve as a primary mechanism to facilitate the transfer and broadest diffusion of such technologies.

- a. The establishment of a global energy information network to provide local institutions with access to current activities in the area of alternative renewable energy programs and projects.
- b. The promotion, strengthening and development of the information base and the research and development capabilities of the local LDC institutions.
- c. The direct access of the global energy network to VITA's computerized documentation center and volunteer expert capabilities to provide a focal resource point for those working on alternative energies everywhere in the world.
- d. The support of appropriate LDC organizations to develop the capability to serve as regional energy technology transfer and diffusion centers, each with their own energy data bases and outreach capabilities to strengthen LDC capabilities in alternative energy.

(3) Program Implementation Fund: To establish a program implementation fund to support the ability of local implementing organizations to carry out activities in the following areas of low cost energy technology based on renewable resources:

- a. The demonstration of alternative energy technologies to show the utility, effectiveness, low operating cost and reliability of these technologies to wide LDC audiences.
- b. The practical application of alternative energy technologies to demonstrate their ability to perform specific tasks with energy based on renewable resources.
- c. The provision of training in low cost technologies to rural extension agents and others who will disseminate this expertise to rural and urban poor.
- d. The support of local LDC institutions to improve their ability to promote, support, identify, select and implement their own alternative energy projects.
- e. The support of applied or adaptive research and development to produce alternative energy technology equipment or processes which can be successfully replicated in broad sectors of the country.
- f. The development and conduct of activities which will bring to the attention of the leadership and/or the population the benefits and advantages of alternative energy technologies based on renewable resources.

D. Implementation of Program Implementation Fund Projects

The recipient will make three types of subgrants: Travel/Training Subgrants; Equipment Subgrants; and Project Subgrants. These subgrants will be developed in a variety of ways but would generally include PVOs and LDC institutions, organizations and individuals whose capabilities are already known to VITA or about whom VITA is able to judge that such capabilities exist by reason of reference by USAID Missions, AID Geographic Bureaus and the Energy Office; others may be developed in other acceptable ways to meet targets of opportunity as these arise.

In all cases subgrants will be based on the criteria set forth in paragraph E below.

(1) Travel/Training Subgrants: These subgrants would be made to LDCs and other selected (non-VITA) individuals important to the advancement of alternative energy programs in their countries to attend conferences, seminars, workshops, orientation courses and similar events (site visits) which will perceptively and significantly improve their ability to advance the objectives of this project in-country, regionally, or worldwide. The subgrants are made to cover the costs of specific travel and/or training for specific individuals involved in energy programs in the LDCs. It is understood that AID may nominate individuals for travel awards for consideration by the recipient.



(2) Equipment Subgrants

These subgrants would be made to LDC individuals and other selected (non-VITA) individuals, organizations and institutions for specific equipment and supplies and involve funds only for procurement and shipping. The equipment would be restricted to relatively low cost technology for demonstration, pilot programs, testing or use to advance the objectives of low cost energy technology based on renewable energy resources, and would include such items as Stirling engines, cooking stoves, hydraulic rams et al. Responsibility for maintenance and replacement parts for duration of subgrant will be determined on a case by case basis.

(3) Project Subgrants

These subgrants would be made to other PVOs and selected individuals or organizations working in the LDCs on alternative energy related programs and to LDC individuals, organizations and institutions to advance the objectives of this project which involve increased use of appropriate low cost energy technology based on renewable energy resources through small activities facilitating the flow or interchange of reliable technology to the largest groups of people in the rural areas, small activities to demonstrate or test the low cost reliability, safety, and acceptance of appropriate alternative energy technology, small pilot projects to encourage wider acceptance of these technologies and other activities which improve and accelerate the adoption of these technologies. These subgrants may include travel, training, equipment and/or supplies but will always include financial support for other purposes.

E. Criteria for AID Approval in Project Proposals

Projects selected for funding by VITA will be described in the quarterly report projection according to the format agreed to by the parties. It is understood that projects up to \$10,000 may be committed by designated senior VITA personnel in the field. All projects will conform to the following criteria:

- (1) Consistency with AID's energy strategy for the proposed country or region as determined through consultation with appropriate country or regional AID officials.
- (2) The training, demonstrated ability, and general competence of subgrantees to undertake proposed sub-project activities.
- (3) The adequacy of facilities and support personnel identified as project subgrantees, or identified as support elements to project subgrantees.

- (4) Other work underway (sponsored by AID, other agencies or host governments) on the proposed activity, which might result in undesirable overlap and duplication.
- (5) The suitability of proposed technology or procedures to the needs, attitudes, and alternative energy activities in less developed countries.
- (6) Such other factors as the parties may deem appropriate for consideration.

F. Staffing

- (1) To carry out the objectives of this agreement, the recipient will assemble a staff to manage the alternative energy program, to develop and implement its technology transfer services, the international alternative energy network and the Program Implementation fund and to evaluate the report on its achievements.

The recruitment and selection of staff to be employed by VITA will be the Grantee's responsibility and will be conducted in accordance with the Grantee's regular personnel policies. However, the grantee staff officers listed below are considered essential to the successful achievement of the objectives of this grant. The Project Manager will be consulted on the biographical data including earnings over the prior three year period for new or replacement personnel.

a. Headquarters

1. Program Management Staff

Director of Research and Development

The Director, who reports directly to VITA's Executive Director, directs all Energy Program activities.

Project Officer

The project officer screens all incoming energy-related requests for technical assistance and determine the most appropriate response to each.

2. Senior Technical Advisors (initially five, up to eight)

The Senior Technical Advisors shall consist of specialists with background in engineering, energy technologies, agriculture, social science, anthropology, economics, health and small business.

All will have extensive energy-related technical and overseas backgrounds, including experience in the design, management, and evaluation of field projects. Thoroughly grounded in AT philosophy and practices, they will also have language skills or have plans to obtain such in: Spanish, French or Arabic. Based in the U.S., all will travel overseas as necessary to identify and evaluate Grant projects.

### 3. Publications Staff

#### Editor

The Editor will have responsibility for production of materials published under the Energy Program.

#### b. Field Representatives

1. The field staff shall consist of Regional Representatives for Latin America, Asia, Near East and Africa.

These field representatives will be development specialists thoroughly familiar with the political, economic, and cultural structures of their region. Actual field experience in the regions and fluency in appropriate language(s) will be required. When possible, individuals already residing in the regions -- especially Third World nationals -- will serve in these positions.

### G. Evaluation

AID and VITA will undertake an interim evaluation of the project six (6) months after the Cooperative Agreement is signed to obtain an early assessment of progress and to make any adjustments or accommodations that appear necessary. An intensive evaluation will be conducted by AID and VITA 18 months after the Cooperative Agreement is signed which will:

- (1) Be used as a basis for surveying the management activities and the progress of the technical and advisory services in achieving the stated objectives.
- (2) Help AID determine whether the project should be extended, amended or terminated.

## H. Reporting Requirements

VITA will prepare and submit to AID a quarterly program activity report which will review the activities of the previous three months and project those of the next three months. In addition, a comprehensive annual program activity report on each anniversary date of the cooperative agreement will be submitted which will summarize program and financial activities under the agreement for all previous program years, detail current program year information and propose activities for the next program year. Twenty copies of each report will be sent to the AID Project Manager and one copy to the Grant Officer. The reports should cover:

- (1) General comprehensive assessment of the extent to which the purposes of the grant are being achieved, including:
  - a. How subgrants or activities undertaken in the major areas of Alternative Energy Technology (as set forth in Paragraph E) helped achieve the purposes of the grant.
  - b. Description of the subgrants completed.
  - c. General problems encountered, requiring action.
  - d. Assessment of compliance with staff levels and functions.
  - e. Significant actions taken pursuant to any outside evaluations of VITA.
  - f. The status of proposals for procurement of equipment pending approval, approved, orders placed, amounts shipped.
- (2) For Each Subgrant
  - a. Details of specific services or activities carried out under the subgrant in relation to the plan initially approved by AID.
  - b. Assessment of whether and how the actual services provided or activity undertaken are meeting the established goals of the project and promoting the general activity (as set forth in Paragraph E).
  - c. Demonstration of catalytic effects of subgrant in terms of such factors as: Has project provided evidence of effectiveness of approach used? Has it been possible to present these results to the host government or other influential organizations? What was the impact?
  - d. Reports should include the line item budget as set forth in the subgrant proposal showing expenditures against each line item semi-annually.

- e. Amounts of equipment received, by type: Amounts, by type, used during the reporting period and amounts, by type, remaining on hand;
- f. For each completed subgrant, an end of project status report.

The quarterly reports will cover as much of the information required in (1) and (2) above, as possible. In addition, they will show any expected short-falls in funding.

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Standard Provisions

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## STANDARD PROVISIONS

### 1. DEFINITIONS

(a) "Administrator" means the Administrator or the Deputy Administrator of the Agency for International Development.

(b) "AID" means the Agency for International Development.

(c) "Consultant" means any especially well qualified person who is engaged on a temporary or intermittent basis to advise the Recipient and who is not an officer or employee of the Recipient who performs other duties for the Grantee.

(d) "AID Grant Officer" means the person executing this Agreement on behalf of the United States Government, and any other Government employee who is a properly designated AID Grant Officer; and the term includes, except as otherwise provided in this Agreement, the authorized representative of an AID Grant Officer acting within the limits of his authority.

(e) "Recipient Employee" means a person in the employ of the Recipient assigned to work under this Agreement.

(f) "Cooperating Country or Countries" means the foreign country or countries in or for which assistance is to be provided hereunder.

(g) "Cooperating Government" means the government of the Cooperating Country.

(h) "Economy Class" air travel (also known as jet economy, air coach, tourist class, etc.) means a class of air travel which is less than first class.

(i) "Recipient" means the institution entering into this Agreement with the Government.

(j) "Government" means the United States Government.

(k) "Mission" means the United States Mission to, or principal AID office in, the Cooperating Country.

(l) "Mission Director" means the principal AID officer of the Mission in the Cooperating Country, or his designated representative.

(m) "OMB Circular No. A-110" means the Office of Management and Budget Circular entitled Grants and Agreements With Institutions of Higher Education, Hospitals and Other Nonprofit Organizations: Uniform Administrative Requirements (41 CFR 32016; July 30, 1976), including any amendments thereto.

(n) "41 CFR 1-15.2" means the cost principles set out in Subpart 1-15.2 of the Federal Procurement Regulations.

(o) "Handbook 13" means AID Handbook 13, entitled Grants

(p) "Assistance Instruments" means either grants or cooperative agreements.

(q) "Subrecipient" means any organization other than the Recipient undertaking by subagreement hereunder program or project activities in fulfillment of the purposes or objectives of this Agreement.

(r) "AID Project Officer" means a designated representative of the cognizant AID Scientific/Technical Office named on the Cover Page.

## 2. ALLOWABLE COSTS AND CONTRIBUTIONS

(a) Allowable costs under this Agreement shall be limited to those costs which are reasonable, allocable, and allowable in accordance with the terms of (1) this Agreement, (2) any negotiated advance understanding on particular cost items, and (3) 41 CFR 1-15.2, in effect on the date of this Agreement.

(b) With regard to the allowability of non-Federal cost sharing contributions under this Agreement, Attachment E, "Cost Sharing and Matching", to OMB Circular No. A-110 (as set out in paragraph 1K of Handbook 13) shall also apply.

## 3. ACCOUNTING, AUDIT, AND RECORDS

(a) The Recipient shall maintain a financial management system in accordance with the requirements set forth in OMB Circular A-110 (as implemented in Paragraph 1L of Handbook 13). A copy of reports of audits resulting from this system as they concern this Agreement will be furnished to the Grant Officer.

(b) The AID Auditor General and the Comptroller General of the United States or their duly authorized representatives (see paragraph 16, Chapter 1 of Handbook 13) reserve the right to conduct an audit of the Recipient's books and records to determine whether the Recipient has expended AID's funds in accordance with the terms and conditions of this Agreement. The Recipient agrees both to make available any further information requested by AID with respect to any questions arising as a result of the audit and to include the requirements of this provision in any subordinate agreement, including subgrants, entered into with a U.S. institution.

## 4. NEGOTIATED OVERHEAD RATES - NON-EDUCATIONAL INSTITUTIONS

(This provision is applicable to non-educational institutions which do not have an acceptable indirect cost system).

(a) Pursuant to this provision, an overhead rate(s) shall be established for each of the Grantee's accounting periods during the term of this Grant. Pending establishment of a final rate(s), the parties have agreed that provisional payments on account of allowable costs shall be at the rate(s), on the base(s), and for the period(s), shown in the



Schedule to this Grant.

(b) The Grantee, as soon as possible but not later than ninety (90) days after the close of its accounting periods during the term of this Grant, shall submit to the AID Grant Officer with copies to the Office of Contract Management, AID, Washington D.C. 20523 and to the Office of the Auditor General, AID, Washington, D.C., proposed final rate(s) for the period, together with supporting cost data. Negotiation of the final overhead rates by the Grantee and the AID Grant Officer shall be undertaken as promptly as practicable after receipt of the Grantee's proposal.

(c) Allowability of costs and acceptability of cost allocation methods shall be determined in accordance with 41 CFR 15.2 as in effect on the date of this Grant.

(d) The results of each negotiation shall be set forth in a written overhead rate agreement executed by both parties. Such Grant shall specify (1) the agreed final rate(s), (2) the base(s) to which the rate(s) applies, and (3) the period(s) for which the rate(s) applies. The overhead rate agreement shall not change any monetary ceilings, Grant obligation, or specific cost allowance or disallowance provided for in this Grant.

(e) Pending establishment of the final overhead rate(s) for any period, the Grantee shall be reimbursed either at a negotiated provisional rate(s) as provided above or at billing rate(s) acceptable to the AID Grant Officer, subject to appropriate adjustment when the final rate(s) for that period is established. To prevent substantial over or under payment, the provisional or billing rate(s) may, at the request of either party, be revised by mutual agreement, either retroactively or prospectively. Any such revision of negotiated provisional rate(s) provided for in this provision shall be set forth in a modification to this Grant.

## 5. SALARIES

All salaries, wages, fees, and stipends, which will be reimbursable by AID under this Agreement, shall be in accordance with both the Recipient's usual policy and practice and 41 CFR 1-15.2. To the extent that the Recipient's policy and practice conflict with 41 CFR 1-15.2, the latter shall prevail, unless the Schedule of this Agreement expressly provides otherwise.

Salaries and wages paid to Cooperating Country and Third Country Nationals may not, without specific written approval

of the Grant Officer, exceed either the Recipient's established policy and practice; or the level of salaries paid to equivalent personnel by the AID Mission in the Cooperating Country as determined by AID, paid to personnel of equivalent technical competence.

The compensation, leave and holidays, allowances and differentials, travel and transportation, and shipment of effects for Cooperating Country Nationals and Third Country National employees will be subject to AID's policy as set forth in Manual Order 1423.7.

## 6. TRAVEL AND TRANSPORTATION

(This provision is applicable when air travel or air shipment (both domestic and international) costs are reimbursable by AID under this Agreement.)

(a) Allowable costs of travel under this Agreement shall be in accordance with both the policy and practice of the Recipient and 41 CFR 1-15.2. To the extent the Recipient's policy and practice conflict with 41 CFR 1-15.2, the latter shall prevail unless the Schedule of this Agreement provides otherwise.

(b) The AID Grant Officer hereby approves international travel hereunder provided that the Recipient shall obtain written concurrence from the cognizant AID Project Officer prior to sending any individual outside the United States to perform work under this Agreement. For this purpose the Recipient shall advise the AID Project Officer at least 30 days in advance of any travel to be undertaken outside the United States. After concurrence is received the Recipient shall provide the cognizant Mission or U.S. Embassy advance notification (with a copy to the AID Project Officer) of the arrival date and flight identification of AID financed travellers.

(c) Travel to certain countries shall, at AID's option, be funded from U.S.-owned local currency. When AID intends to exercise this option, it will so notify the Recipient after receipt of advice of intent to travel required above. AID will issue a Government Transportation Request (GTR) which the Recipient may exchange for tickets, or AID will issue the tickets directly. Use of such U.S.-owned currencies will constitute a dollar charge to this Agreement.

(d) All international air travel and all international air shipments under this Agreement shall be made on United States flag carriers. Exceptions to this rule will be allowed in the following situations, provided that the Recipient certifies to the facts in the voucher and other documents

retained as part of the Agreement records required by Standard Provision 3 above:

(1) where the traveler, while enroute, has to wait 6 hours or more to transfer to a U.S. flag air carrier to proceed to the intended destination, or

(2) where a flight by a U.S. flag air carrier is interrupted by a stop anticipated to be 6 hours or more for refueling, reloading, repairs, etc. and no other flight by a U.S. flag air carrier is available during the 6 hour period, or

(3) where by itself or in combination with other U.S. flag or non-U.S. flag air carriers (if U.S. flag air carriers are "unavailable") it takes 12 hours or longer from the original airport to the destination airport to accomplish the Recipient's program than would service by a non-U.S. flag air carrier or carriers, or

(4) when the elapsed travel time on a scheduled flight from origin to destination airports by non-U.S. flag air carrier(s) is 3 hours or less, and services by U.S. flag air carrier(s) would involve twice such travel time.

NOTE: Where U.S. Government funds are used to reimburse Recipient's use of other than U.S. flag air carriers for international transportation, the Recipient will include a certification on vouchers involving such transportation which is essentially as follows:

CERTIFICATION OF UNAVAILABILITY OF U.S. FLAG AIR CARRIERS  
I hereby certify that the transportation service for personnel (and their personal effects) or property by U.S. flag air carriers was unavailable for the following reason(s): (State appropriate reason(s) as set forth above; see 41 CFR 1-1.323-3 for further guidance).

(e) Travel allowances shall be reimbursed in accordance with 41 CFR 1-15.2 and the regulations contained in AID Handbook 22 entitled "Travel and Transportation"; however, if the Recipient's domestic and international travel allowance policies and procedures have been reviewed and approved by AID or another Federal department or agency pursuant to the applicable Federal cost principles, the Recipient may use its travel allowance system in lieu of that in Handbook 22 after it has furnished the AID Grant Officer with a copy of such approval. For travel outside the conterminous United States, reimbursement for each per diem locality will be the average cost of lodging rounded to the next whole dollar plus 50 percent of the maximum locality rate. Total reimbursement shall not exceed the maximum per diem for each locality,

unless specific approval is given in advance for actual expenses. Maximum locality rates shall be those established by the Department of Defense for non-foreign areas and by the Department of State for foreign areas. When staff house or other free or low cost facilities are used, the reduced rates indicated by footnote 1 on the per diem supplement (section 925) to the Standardized Regulations (Government Civilians, Foreign Areas) will be used directly as per diem. These low rates have already been computed on a basis similar to lodging plus, and no further computation is necessary.

(f) Fifty percent of all international ocean shipment made by the Recipient, to be financed hereunder, shall be made on U.S. flag vessels. Where U.S. flag vessels are not available, or their use would result in a significant delay, the Recipient may request a release from this requirement from the Transportation Support Division, Office of Commodity Management, AID, Washington, D.C. 20523, giving the basis for the request.

(i) When the AID Transportation Support Division makes and issues a determination to the Recipient that U.S. flag vessels are not available, the ocean shipment costs on foreign flag vessels, as named in the determination, will be eligible for reimbursement under the Agreement. In all instances Recipient vouchers submitted for reimbursement under the Agreement which include ocean shipment costs will include a certification essentially as follows: "I hereby certify that a copy of each ocean bill of lading concerned has been submitted to the Maritime Administration, Cargo Preference Control Center, Commerce Building, Washington, D.C. 20235, and that such bill(s) of lading state all of the carrier's charges including the basis for calculation such as weight or cubic measurement, and indicate the applicable A.I.D. Agreement Number."

(ii) Shipments by voluntary non-profit relief agencies (i.e., PYOs) shall be governed by paragraphs (a) and (b) above and by AID Regulation 2, "Overseas Shipments of Supplies by Voluntary Non-Profit Relief Agencies" (22 CFR 202).

## 7. PROCUREMENT OF GOODS AND SERVICES UNDER \$250,000

(This provision is applicable when the total procurement element, i.e., the sum of all purchase orders and contracts for goods and services, of this Agreement does not exceed \$250,000.)

### (a) Ineligible Goods and Services

Under no circumstances shall the Recipient use AID funds to procure any of the following under this Agreement:

- (1) military equipment,
- (2) surveillance equipment,
- (3) commodities and services for support of police or other law enforcement activities,
- (4) abortion equipment and services,
- (5) luxury goods and gambling equipment, or
- (6) weather modification equipment.

(For a more detailed discussion of the subject, see AID Handbook 1, Supplement B, Chapter 4D.)

If AID determines that the Recipient has procured any of the ineligible goods and services specified above under this Agreement, and has received reimbursement from AID for such purpose, the Recipient agrees to refund to AID the entire amount of such reimbursement.

(b) Restricted Goods

The Recipient shall not use AID funds to procure any of the following goods or services from a non-U.S. source (i.e., other than AID Geographic Code 000) without the prior written authorization of the AID Grant Officer:

- (1) agricultural commodities,
- (2) motor vehicles,
- (3) pharmaceuticals,
- (4) pesticides,
- (5) plasticizers,
- (6) used equipment, or
- (7) U.S. Government-owned excess property.

(In addition to the foregoing rule regarding source, to be eligible for procurement with AID funds, the above commodities must meet the requirements contained in AID Handbook 1, Supplement B, Chapter 4C.)

If AID determines that the Recipient has procured any of the restricted goods specified above under this Agreement from non-U.S. sources without the prior written authorization of the AID Grant Officer and has received reimbursement from AID for such purpose, the Recipient agrees to refund to AID the entire amount of such reimbursement.

(c) Geographic Source and Order of Preference

Except as may be specifically approved or directed in advance by the AID Grant Officer under paragraph 7(b) above, all other goods (e.g., equipment, materials and supplies) and services, the costs of which are to be reimbursed under this Agreement by AID and which will be financed with United States dollars, shall be purchased in and shipped from only "Special Free World" countries (i.e., AID Geographic Code 935) in accordance with the following order of preference:

- (1) the United States (AID Geographic Code 000),
- (2) "Selected Free World" countries (AID Geographic Code 941),
- (3) the Cooperating Country,
- (4) "Special Free World" countries (AID Geographic Code 935).

(d) Application of Order of Preference

When the Recipient uses AID funds to procure goods and services from other than U.S. sources under the order of preference in 7(c) above, it shall document its files to justify each such instance. The documentation shall set forth the circumstances surrounding the procurement and shall be based on one or more of the following reasons, which will be set forth in the Recipient's documentation:

- (1) the procurement was of an emergency nature, which would not allow the delay attendant to soliciting U.S. sources,
- (2) the price differential for procurement from U.S. sources exceeded by 50% or more the delivered price from the non-U.S. source,
- (3) impelling local political considerations precluded consideration of U.S. sources,
- (4) the goods or services were not available from U.S. sources, or
- (5) procurement of locally available goods or services as opposed to procurement of U.S. goods and services, would best promote the objectives of the Foreign Assistance Program under this Agreement.

(e) The Recipient's Procurement System

(1) The Recipient may use its own procurement policies and procedures provided they conform to the geographic source and order of preference requirements of this provision and paragraphs 3 and 4, Attachment O of OMB Circular No. A-110 (as set forth in paragraphs 1U.3 and 1U.4 of Handbook 13).

(2) If the Recipient's procurement policies and procedures have been reviewed against the procurement requirements of paragraphs 3 and 4 of Attachment 0 to OMB Circular No. A-110, (as set forth in paragraphs 1U.3 and 1U.4 of Handbook 13) and have been approved by AID or another Federal department or agency, the Recipient shall furnish the AID Grant Officer a copy of such approval; otherwise the Recipient's procurement policies and procedures shall conform to the specified requirements of OMB Circular No. A-110. (See Handbook 13, Chapter 1, paragraph 1U.)

**(f) Procurement Systems - Subrecipients**

(1) U.S. subrecipients may use their own procurement policies and procedures provided the Recipient determines that they comply with the intent of paragraph 3 and the requirements of paragraph 4 of Attachment 0 to OMB Circular A-110 (as set forth in paragraphs 1U.3 and 1U.4 of Handbook 13).

(2) Non-U.S. subrecipients, who are located abroad and who do not perform in the U.S. under this Agreement, may use their own procurement policies and procedures provided that the Recipient determines that they comply with the intent of paragraph 3 of Attachment 0 to FMC Circular No. 73-8 (as set forth in paragraph 1U.3 of Handbook 13); Paragraph 4 of Attachment 0 to OMB Circular No. A-110 (as set forth in paragraph 1U.4 of Handbook 13) does not apply to such non-U.S. institutions.

**(g) Small Business**

To permit AID, in accordance with the small business provision of the Foreign Assistance Act of 1961, as amended, to give United States small business firms an opportunity to participate in supplying commodities and services procured under this Agreement, the Recipient shall, to the maximum extent possible, provide the following information to the Small Business Office, AID, Washington, D.C. 20523 at least 45 days prior (except where a shorter time is requested of, and granted by the Small Business Office) to placing any order or contract in excess of \$25,000:

(1) brief general description and quantity of goods or services,

(2) closing date for receiving quotations, proposals, or bids, and

(3) address where invitations or specifications can be obtained.

**(h) Ineligible Suppliers**

AID funds provided under this Agreement shall not be used to procure any commodity or commodity-related services furnished by any supplier whose name appears on the List of Ineligible Suppliers under AID Regulation 8, Suppliers of Commodities and Commodity-Related Services Ineligible for AID Financing (22 CFR 208). The Recipient agrees to review said List prior to undertaking any procurement the cost of which is to be reimbursable by AID under this Agreement. AID will provide the Recipient with this list.

## 8. REFUNDS

(a) If use of AID funds results in accrual of interest to the Recipient or to any other person or entity to whom Recipient makes such funds available in carrying out the purposes of this Agreement, the Recipient shall refund to AID an amount equivalent to the amount of interest accrued.

(b) Funds obligated hereunder but not disbursed to the Recipient at the time this Agreement expires or is terminated, shall revert to AID, except for funds encumbered by the Recipient by a legally binding transaction applicable to this Agreement. Any funds disbursed to but not expended by the Recipient at the time of expiration or termination of this Agreement shall be refunded to AID.

(c) If, at any time, during the life of this Agreement, it is determined by AID that funds provided under this Agreement have been expended for purposes not in accordance with the terms of this Agreement, the Recipient shall refund such amounts to AID.

## 9A. PAYMENT - FEDERAL RESERVE LETTER OF CREDIT (FRLC) ADVANCE

(This provision is applicable when the total advances under all the Recipient's cost-reimbursement contracts and assistance instruments with AID exceed \$120,000 per annum and AID has, or expects to have a continuing relationship with the Recipient of at least one year.)

(a) AID shall open a Federal Reserve Letter of Credit (hereinafter referred to as an "FRLC") in the amount of this Agreement against which the Recipient may present payment vouchers (i.e, Form TFS 5401). The payment vouchers shall not ordinarily be submitted more frequently than daily and shall not be less than \$5,000 or more than \$5,000,000. Since the FRLC method enables the Recipient to obtain funds from the U.S. Treasury concurrently with and as frequently as disbursements are made by the Recipient, there need be no



time lag between disbursements by the Recipient and drawdowns from the U.S. Treasury by FRLC. Therefore, there is no necessity for the Recipient to maintain balances of Federal cash other than small balances.

(b) In no event shall the accumulated total of all such payment vouchers exceed the amount of the FRLC.

(c) If at any time, the AID Controller determines that the Recipient has presented payment vouchers in excess of the amount or amounts allowable in (a) and (b) above, the AID Controller shall advise the AID Grant Officer who may: (1) cause the FRLC to be suspended or revoked; (2) direct the Recipient to withhold submission of payment vouchers until such time as, in the judgment of the AID Controller, an appropriate level of actual, necessary and allowable expenditures has occurred or will occur under this Agreement, and/or (3) request the Recipient to repay to AID the amount of such excess. Upon receipt of the AID Grant Officer's request for repayment of excess advance payments, the Recipient shall promptly contact the AID Controller to make suitable arrangements for the repayment of such excess funds. Advances made by primary Recipients (those which receive payments directly from the Government) to secondary Recipients shall conform to the same standards applicable to advances made by the Government to the primary Grantee.

(d) Procedure for Recipient.

(1) After arranging with a commercial bank of its choice for operation under the FRLC and obtaining the name and address of the Federal Reserve Bank or branch serving its commercial bank, the Recipient shall deliver to the AID Controller 3 originals of Standard Form 1194, Authorized Signature Card for Payment Vouchers on Letters of Credit, signed by those official(s) authorized to sign payment vouchers against the FRLC and by an official of the Recipient who has authorized them to sign.

(2) The Recipient shall subsequently receive one certified copy of the FRLC.

(3) The Recipient shall confirm with its commercial bank that the FRLC has been opened and is available when funds are needed.

(4) To receive payment, the Recipient shall:

(A) Periodically, although normally not during the last five days of the month, prepare payment vouchers (Form TFS 5401) in an original and three copies.

(B) Have the original and two copies of the voucher signed by the authorized official(s) whose signature(s) appear on the Standard Form 1194.

(C) Present the original, duplicate and triplicate copy of the Form TFS 5401 to its commercial bank.

(D) Retain the quadruplicate copy of the voucher.

(5) After the first payment voucher (Form TFS 5401) has been processed, succeeding payment vouchers shall not be presented until the existing balance of previous payments has been expended or is insufficient to meet current needs.

(6) In preparing the payment voucher, the Recipient assigns a voucher number in numerical sequence beginning with 1 and continuing in sequence on all subsequent payment vouchers submitted under the FRLC.

(7) A report of expenditures (i.e., SF 269, Financial Status Report) shall be prepared and submitted not less than quarterly within 30 days of the end of the period to the AID Controller, AID, Washington, D.C. 20523. This SF 269 Report, submitted with Standard Form 1034, Public Voucher for Purchases and Services Other Than Personal, shall be in an original and 2 copies.

(8) The SF 269 report is reviewed against this Agreement's provisions, and any improper disbursement is disallowed. The Recipient is notified of the reason for the disallowance and is directed to adjust the next periodic report of expenditures to reflect the disallowance and to reduce its next payment voucher against the FRLC by the amount of the disallowance.

(9) In addition to the submission of the SF 269 and the SF 1034, the Recipient shall submit an original and 2 copies of SF 272, Federal Cash Transaction Report, as follows:

(A) For advances totaling less than \$1 million per year, the Recipient shall submit the SF 272 within 15 working days after the end of the reporting quarter.

(B) For advances totaling more than \$1 million per year, the Recipient shall submit the SF 272 within 15 working days after the end of each month, and

(C) The Recipient's cash needs for the ensuing period (i.e., quarter or month) shall be explained under the "Remarks" section of the SF 272.

(e) Refund of Excess Funds.

(1) If all costs have been settled under the Agreement and the Recipient fails to comply with the AID Grant Officer's request for repayment of excess FRLC funds, the Government shall have the right, on other contracts or assistance instruments held with the Recipient, to withhold reimbursements due to the Recipient in the amount of the excess being held by the Recipient.

(2) If the Recipient is still holding excess FRLC funds on a contract or an assistance instrument under which work has been completed or terminated but all costs have not been settled, the Recipient agrees to:

(A) Provide within 30 days after requested to do so by the AID Grant Officer, a breakdown of the dollar amounts which have not been settled between the Government and the

Recipient. (The AID Grant Officer will assume no costs are in dispute if the Recipient fails to reply within 30 days.)

(B) Upon written request of the AID Grant Officer, return to the Government the sum of dollars, if any, which represents the difference between (i) the Recipient's maximum position on claimed costs which have not been reimbursed and (ii) the total amount of unexpended funds which have been advanced under this Agreement; and

(C) If the Recipient fails to comply with the AID Grant Officer's request for repayment of excess FRLC funds, the Government shall have the right, on other contracts or assistance instruments held with the Recipient, to withhold payment of FRLC or other advances and/or withhold reimbursements due the Recipient in the amount of the excess being held by the Recipient.

#### 9B. PAYMENT - PERIODIC ADVANCE

(This provision is applicable when total advances under all the Recipient's cost-reimbursement contracts and assistance instruments with AID do not exceed \$120,000 per annum or if total advances aggregate more than \$120,000 per annum but there is not a continuing relationship of at least one year.)

(a) Each month (or quarter, if the Recipient is on a quarterly basis) after the initial advance, the Recipient shall submit to the AID Controller an original and 2 copies of SF 272, Federal Cash Transaction Report, as follows:

(1) The Recipient shall submit the SF 272 within 15 working days after the end of the reporting period, and

(2) The Recipient's cash needs for the ensuing period (i.e., quarter or month) shall be explained under the "Remarks" section of the SF 272.

(b) Along with each SF 272 submission, the Recipient shall submit an original and 3 copies of SF 1034, Public Voucher for Purchases and Services Other Than Personal, each voucher shall be identified by this Agreement number and shall state the total actual expenditures for the reporting period.

(c) Each quarterly voucher (i.e., SF 1034) or third monthly voucher, if the Recipient is on a monthly basis, shall also be supported by an original and 2 copies of an SF 269, Financial Status Report. The SF 269 shall be submitted within 30 days after the end of the reporting quarter and may be submitted separately from the SF 1034 and the SF 272; however, the SF 269 shall cover the same period as the SF 1034(s) and the SF 272(s).

(d) Refund of Excess Funds.

(1) If all costs have been settled under this Agreement

and the Recipient fails to comply with the AID Grant Officer's request for repayment of excess advance funds, the Government shall have the right, on other contracts or assistance instruments held with the Recipient, to withhold reimbursements due to the Recipient in the amount of the excess being held by the Recipient.

(2) If the Recipient is still holding excess advance funds on a contract or assistance instrument under which the work has been completed or terminated but all costs have not been settled, the Recipient agrees to;

(A) Provide within 30 days after requested to do so by the AID Grant Officer, a breakdown of the dollar amounts which have not been settled between the Government and the Recipient. (The AID Grant Officer will assume no costs are in dispute if the Recipient fails to reply within 30 days.)

(B) Upon written request of the AID Grant Officer, return to the Government the sum of dollars, if any, which represents the difference between (i) the Recipient's maximum position on claimed costs which have not been reimbursed and (ii) the total amount of unexpended funds which have been advanced under this Grant; and

(C) If the Recipient fails to comply with the AID Grant Officer's request for repayment of excess advance funds, the Government shall have the right, on other contracts or assistance instruments held with the Recipient, to withhold payment of other advances and/or withhold reimbursements due the Recipient in the amount of the excess being held by the Recipient.

#### 10. LIMITATION OF FUNDS

(This provision is applicable to all incrementally or partially funded Agreements.)

(a) It is estimated that the cost to AID for the performance of this Agreement will not exceed the estimated cost specified in the Schedule as being the estimated cost to AID for this Agreement, and the Recipient agrees to use its best efforts to carry out the program specified in the Schedule and all obligations under this Agreement within such estimated cost.

(b) The amount of AID funds presently available for payment and allotted to this Agreement, the items covered thereby, and the period of performance which it is estimated the allotted amount will cover, are specified in the Schedule. It is contemplated that from time to time additional funds will be allotted to this Agreement up to the full estimated cost to AID set forth in the Schedule. The Recipient agrees to carry out, or have carried out, the

program under this Agreement up to the point at which the total amount paid and payable by AID pursuant to the terms of this Agreement approximates but does not exceed the total amount actually allotted to this Agreement.

(c) (1) If, at any time, the Recipient has reason to believe that the costs which it expects to incur in carrying out the program of this Agreement in the next succeeding 60 days, when added to all costs previously incurred, will exceed 75 percent of the total amount of AID funds then allotted to this Agreement, the Recipient shall notify the AID Grant Officer in writing to that effect. The notice shall state the estimated amount of additional funds required to continue the program for the period set forth in the Schedule. (2) Sixty days prior to the end of the period specified in the Schedule, the Recipient will advise the AID Grant Officer in writing as to the estimated amount of additional AID funds, if any, that will be required for the timely carrying out of the program under this Agreement or for such further period as may be specified in the Schedule or otherwise agreed to by the parties. (3) If, after notification, pursuant to (c)(1) or (c)(2), above additional AID funds are not allotted by the end of the period set forth in the Schedule or an agreed date substituted therefor, the AID Grant Officer will, upon written request by the Recipient, terminate this Agreement pursuant to the provisions of the TERMINATION provision on such date. If the Recipient, in the exercise of its reasonable judgment, estimates that the funds available will allow it to continue to discharge its obligation hereunder for a period extending beyond such date, it shall specify the later date in its request and the AID Grant Officer, in his discretion, may terminate this Agreement on that later date.

(d) Except as required by other provisions of this Agreement, specifically citing and stated to be an exception from this provision, the Government shall not be obligated to reimburse the Recipient for costs incurred in excess of the total amount of AID funds from time to time allotted to this Agreement, and the Recipient shall not be obligated to continue carrying out the program under this Agreement (including actions under the TERMINATION provision) or otherwise to incur costs in excess of the amount of AID funds allotted to this Agreement, unless and until the AID Grant Officer has notified the Recipient in writing that such allotted amount of AID funds has been increased and has specified in such notice an increased amount constituting the total amount then allotted to this Agreement. To the extent the amount of AID funds allotted exceeds the estimated cost to AID set forth in the Schedule, such estimated cost to AID shall be correspondingly increased. No notice, communication

or representation in any other form or from any person other than the AID Grant Officer shall affect the amount allotted to this Agreement. In the absence of the specified notice, AID shall not be obligated to reimburse the Recipient for any costs in excess of the total amount of AID funds then allotted to this Agreement, whether those excess costs were incurred during the course of this Agreement or as result of termination. When and to the extent that the amount of AID funds allotted to this Agreement has been increased, any costs incurred by the Recipient in excess of the amount of AID funds previously allotted shall be allowable to the same extent as if such costs had been incurred after such increase in the amount of AID funds allotted, unless the AID Grant Officer issues a termination or other notice and directs that the increase is solely for the purpose of covering termination or other specified expenses.

#### 11. USE OF FOREIGN CURRENCY

(a) Whenever the Recipient has a need to convert U.S. dollars into local currencies, such conversion shall be made through the U.S. Disbursing Officer. If the Disbursing Officer is unable to effect such conversion, the Recipient is free to use the facilities of any accredited financial institution.

(b) All expenditures of the Recipient in excess or near-excess currency countries, including per diem (subsistence) expenses, which will be reimbursable by AID under this Agreement, shall be funded from U.S. owned foreign currencies, unless otherwise authorized in writing by the AID Grant Officer .

#### 12. AGREEMENT AMENDMENTS

This Agreement may be amended by formal written modifications to the basic document. Amendments may be proposed by either party to this Agreement; however, they must be acceptable to both parties before they become effective and binding.

#### 13. DISPUTES

(a) Except as otherwise provided in this Agreement, any dispute concerning a question of fact arising under this Agreement which is not disposed of by agreement shall be decided by the AID Grant Officer, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Grantee. The decision of the AID Grant

Officer shall be final and conclusive unless within thirty (30) days from the date of receipt of such copy, the Recipient mails or otherwise furnishes to the AID Grant Officer a written appeal addressed to the Administrator, Agency for International Development, Washington, D.C. 20523. The decision of the Administrator or his duly authorized representative for the determination of such appeals shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith or not supported by substantial evidence. In connection with any appeal proceeding under this provision, the Recipient shall be afforded an opportunity to be heard and to offer evidence in support of its appeal.

(b) This DISPUTES provision does not preclude consideration of law questions in connection with decisions provided for in paragraph (a) above; provided that nothing in this Agreement shall be construed as making final the decision of any administrative official, representative, or board on a question of law.

#### 14. TERMINATION

(a) For Cause. This Agreement may be terminated for cause at any time, in whole or in part, by the AID Grant Officer upon written notice to the Recipient, whenever it is determined that the Recipient has failed to comply with the conditions of the grant.

(b) For Convenience. This Agreement may be terminated for convenience at any time by either party, in whole or in part, if both parties agree that the continuation of this Agreement would not produce beneficial results commensurate with the further expenditures of funds. Both parties shall agree upon termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated. The agreement to terminate shall be set forth in a letter from the AID Grant Officer to the Recipient.

(c) Termination Procedures. Upon receipt of and in accordance with a termination notice as specified in either paragraph (a) or (b) above, the Recipient shall forthwith take immediate action to minimize all expenditures and obligations financed by this Agreement, and shall cancel such unliquidated obligations whenever possible. Except as provided below, no further reimbursement shall be made after the effective date of termination, and the Recipient shall, within 30 calendar days after the effective date of such termination, repay to the Government all unexpended portions of funds theretofore paid by the Government to the Recipient

which are not otherwise obligated by a legally binding transaction applicable to this Agreement. Should the funds paid by the Government to the Recipient prior to the effective date of the termination of this Agreement, be insufficient to cover the Recipient's obligations pursuant to the aforementioned legally binding transactions, the Recipient may submit to the Government within 90 calendar days after the effective date of such termination, a written claim covering such obligations, and subject to the limitations contained in this Agreement, the AID Grant Officer shall determine the amount or amounts to be paid by the Government to the Recipient under such claim in accordance with the applicable Federal cost principles.

#### 15. SUBORDINATE AGREEMENTS

The placement of subordinate agreements (e.g., leases, options, agreements, or contracts) with other organizations, firms or institutions and the provisions of such subordinate agreements are subject to prior written consent of the AID Grant Officer if they will be funded by AID hereunder, unless the Recipient's procurement system has been reviewed and approved pursuant to the appropriate section(s) of Paragraph 1U of Chapter 1, Handbook 13. In no event shall any such subordinate agreement be on a cost-plus-a-percentage-of-cost basis. Subordinate contractors (including suppliers) shall be selected on a competitive basis to the maximum practicable extent consistent with the obligations and requirements of this Agreement.

#### 16. PUBLICATIONS

(This provision is applicable to any agreement which produces any book, publication, or other copyrightable material.)

(a) If it is the Recipient's intention to identify AID's contribution to any publication resulting from this Agreement, the Recipient shall consult AID on the nature of the acknowledgement prior to publication.

(b) The Recipient shall provide the AID Project Manager with one copy of all published works developed under this Agreement. The Recipient shall provide the AID Project Manager with lists of other written work produced under this Agreement.

(c) In the event these Agreement funds are used to underwrite the cost of publishing, in lieu of the publisher assuming this cost as is the normal practice, any profits or royalties up to the amount of such cost shall be credited to this Agreement.



(d) The Recipient is permitted to secure copyright to any publication produced or composed under this Agreement in accordance with paragraph 1T8.b. of Chapter 1, Handbook 13; Provided, that the Recipient agrees to and does hereby grant to the Government a royalty-free, non-exclusive and irrevocable license throughout the world to use, duplicate, disclose, or dispose of such publications in any manner and for any purpose and to authorize others to use the work for Government purposes.

#### 17. PATENTS

(This provision is applicable to any Agreement which produces patentable items, patent rights, processes or inventions.)

(a) The Recipient agrees to notify the AID Grant Officer in writing of any invention or discovery conceived or first actually reduced to practice in the course of or under this Agreement. The AID Grant Officer will determine the patent rights to be afforded the Recipient in accordance with the Presidential Memorandum and Statement of Government Patent Policy (36 FR 16889) and paragraph 1T8.a. of Chapter 1, Handbook 13.

(b) Nothing contained in this provision shall imply a license to the Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Government under any patent.

#### 18. INELIGIBLE COUNTRIES

Unless otherwise approved by the AID Grant Officer, no AID funds will be expended for costs incurred in countries ineligible for assistance under the Foreign Assistance Act of 1961, as amended, or under acts appropriating funds for foreign assistance.

#### 19. EQUAL OPPORTUNITY IN EMPLOYMENT

(This provision is applicable to all Recipients, subrecipients and contractors under this Agreement who either perform work in the United States or who recruit personnel in the United States to do work abroad.)

(a) With respect to the employment of persons in the U.S. under this Agreement, the Recipient agrees to take all reasonable steps to ensure equality of opportunity in its employment practices without regard to race, color or

national origin of such persons and, in accordance with Title VI of the Civil Rights Act of 1964, when work funded by this Agreement is performed in the U.S., no person shall, on the grounds of race, color or national origin, be excluded from participation, be denied benefits, or be subjected to discrimination. In addition, the Recipient agrees to comply, in accordance with its written assurance of compliance, with the provisions of Part 209 of Chapter II, Title 22 of the Code of Federal Regulations, entitled Non-discrimination in Federally Assisted Programs of the Agency for International Development - Effectuation of Title VI of the Civil Rights Act of 1964.

(b) In addition, the Recipient agrees to take all reasonable steps to ensure equality of opportunity in its employment practices without regard to sex, religion, age, and handicap, in accordance with P.L. 92-261, P.L. 93-259, P.L. 93-112 and P.L. 93-508. When work funded by AID under this Agreement is performed in either the U.S. or overseas, no person shall on the grounds of sex, religion, age, or handicap, be excluded from participation, be denied benefits, or be subjected to discrimination.

## 20. U.S. OFFICIALS NOT TO BENEFIT

No member of or delegate to the U.S. Congress or resident U.S. commissioner shall be admitted to any share or part of this Agreement or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this Agreement, if made with a corporation for its general benefit.

## 21. COVENANT AGAINST CONTINGENT FEES

The Recipient warrants that no person or selling agency has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee except bona fide employees or bona fide established commercial or selling agencies maintained by the Recipient for the purpose of securing business. For breach or violation of this warranty, AID shall have the right to cancel this Agreement without liability, or in its discretion, to deduct from the Agreement an amount, or otherwise recover, the full amount of each commission, percentage, brokerage, or contingent fee.

## 22. NONLIABILITY

AID assumes no liability with respect to any third party for any claims for damages arising out of the program supported by this Agreement.

### 23. TITLE TO, USE, AND CARE OF PROPERTY

(a) The term "property" as used in this provision shall mean Recipient purchased property the cost of which is reimbursed by AID under this Agreement. The term "non-expendable property" means property which is complete in itself; does not lose its identity or become a component part of another article when put into use; is durable, with an expected service life of two years or more.

(b) The Schedule of this Agreement shall specify (or the AID Grant Officer may direct) that title to specific property shall be vested in the Recipient, or in the Cooperating Country. When title is to be vested in the Recipient, paragraph (c) of this provision is applicable. When title is to be vested in the Cooperating Country, paragraph (d) of this provision is applicable. If specific direction regarding placement of title is not provided either in the Schedule of this Agreement, or by the AID Grant Officer, then title shall be vested in the Recipient, and paragraph (c) of this provision is applicable.

#### (c) Recipient Titled Property.

(1) The Recipient shall not charge for any depreciation, amortization, or use of property, title to which remains in the Recipient under this Agreement, or any other U.S. Government agreement, subagreement, contract, or subcontract.

(2) The Recipient agrees to use and maintain the property for the purpose of this Agreement in accordance with the requirements of paragraph 1T of Chapter 1, Handbook 13.

(3) With respect to nonexpendable property having an acquisition cost of \$1,000 or more, title to which vests in the Recipient, the Recipient agrees:

(i) To report such items to the AID Grant Officer from time to time as they are acquired and to maintain a control system which will permit their ready identification and location.

(ii) To transfer title to any such items in accordance with any written request therefor issued by the AID Grant Officer at any time prior to final payment under this Agreement.

#### (d) Cooperating Country Titled Property.

(1) Property titled to the Cooperating Country shall be under the custody and control of the Recipient until the owner of title directs otherwise, or completion of work under this Agreement, or its termination, at which time custody and

control shall be turned over to the owner of title, or disposed of in accordance with its instructions. All performance guarantees and warranties obtained from suppliers shall be taken in the name of the title owner.

(2) The Recipient shall prepare and establish a program to be approved by the Mission, for the receipt, use, maintenance, protection, custody, and care of the Cooperating Country titled property for which it has custodial responsibility, including the establishment of reasonable controls to enforce such program. The Recipient shall be guided by the requirements of paragraph 1T of Chapter 1, Handbook 13.

(3) Within 90 days after completion of this Agreement, or at such other date as may be fixed by the AID Grant Officer, the Recipient shall submit an inventory schedule covering all items of property under its custody, title to which is in the Cooperating Country or public or private agency designated by the Cooperating Country, which have not been consumed in the performance of this Agreement. The Recipient shall also indicate what disposition has been made of such property.

#### 24. AUDIT AND RECORDS - NON-U.S. SUBRECIPIENTS

(1) The Recipient shall require non U.S. subrecipients (see paragraph L3, Chapter 1 of Handbook 13) to maintain books, records, documents and other evidence and accounting procedures and practices sufficient to reflect properly that funds provided by the Recipient were expended exclusively for the purposes of the subordinate agreement. Such records shall be maintained for three years following the expiration of the subordinate agreement.

(2) The Recipient shall ensure that, after each twelve months of a subordinate agreement with a non-U.S. institution, an audit is conducted on the subrecipient's records by an independent public accountant with a national certification similar or equivalent to a certified public accountant. If the Recipient determines that an audit is not possible or feasible it shall submit to the AID Grant Officer the reasons why such an audit is not possible or feasible, and present for the approval of the AID Grant Officer, alternatives which will achieve the objectives, set forth in this provision. The Recipient shall include in each subordinate agreement hereunder, a provision by which the Recipient asserts the right to audit if the independent audit does not take place or is unacceptable. The subordinate agreement shall also require that the subrecipient shall make available any further information as requested by the Recipient with respect to questions concerning the audit. The report of independent audit shall be submitted to the

Recipient and retained by it in accordance with the standard provision entitled ACCOUNTING, AUDIT AND RECORDS.

(3) The purpose of the independent audit shall be to determine the propriety and necessity of the subrecipient's expenditures in terms of the purposes for which the funds were made available, and the adequacy of the subrecipient's financial management. Notwithstanding the requirement for an independent audit, the AID Auditor General and the Comptroller General of the United States or their duly authorized representatives (see paragraph 16, Chapter 1 of Handbook 13) reserve the right to conduct an audit of the subrecipient's books and records to determine whether the subrecipient has expended AID's funds in accordance with the terms of this Agreement. The terms of this Provision are applicable only to subordinate agreements with non-U.S. institutions.

## 25. REGULATIONS GOVERNING EMPLOYEES OUTSIDE THE UNITED STATES

(This provision is applicable only to the Recipient's U.S. or third country national employees; it is not applicable to the Recipient's cooperating country national employees.)

(a) The Recipient's employees, when employed in work overseas, shall maintain private status and may not rely on local U.S. Government Offices or facilities for support while so engaged.

(b) The sale of personal property or automobiles by Recipient employees and their dependents in the foreign country to which they are assigned shall be subject to the same limitations and prohibitions which apply to direct-hire AID personnel employed by the Mission, except as this may conflict with host government regulations.

(c) Other than work to be performed under this Agreement for which an employee or consultant is assigned by the Recipient, no regular or short term employee or consultant of the Recipient shall engage directly or indirectly, either in his own name or in the name or through an agency of another person, in any business, profession, or occupation in the foreign countries to which he is assigned, nor shall he make loans or investments to or in any business, profession or occupation in the foreign countries to which he is assigned.

(d) The Recipient's employees, while in a foreign country, are expected to show respect for its conventions, customs, and institutions, to abide by its applicable laws and regulations, and not to interfere in its internal political affairs.

(e) In the event the conduct of any Recipient employee is not in accordance with the preceding paragraphs, the Recipient's chief of party shall consult with the Mission Director and the employee involved and shall recommend to the Recipient a course of action with regard to such employee.

(f) The parties recognize the right of the U.S. Ambassador to direct the removal from a country of any U.S. citizen or the discharge from this Agreement of any third country national when, in the discretion of the Ambassador, the interests of the United States so require.

## 26. NOTICES

Any notice given by any of the parties hereunder, shall be sufficient only if in writing and delivered in person or sent by telegraph, cable, registered or regular mail as follows:

TO THE: AID Grant Officer;

TO THE: Recipient at Recipient's address shown in this Agreement;  
or to such other address as either of such parties shall designate by notice given as herein required. Notices hereunder shall be effective when delivered in accordance with this provision or on the effective date of the notice, whichever is later.