

AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON, D.C. 20523

JUN 26 1986

ACTION MEMORANDUM FOR THE SENIOR ASSISTANT ADMINISTRATOR FOR SCIENCE AND TECHNOLOGY AND THE ASSISTANT ADMINISTRATOR, BUREAU FOR AFRICA

THRU: S&T/EN, Jack Vanderryn

FROM: S&T/FNR, John D. Sullivan & *(Acting for)*  
AFR/TR, Keith W. Sherper *KS*

SUBJECT: Forestry/Fuelwood Research and Development (F/FRED), 936-5547  
and Strengthening African Agricultural Research, 698-0435.05  
(SAAR-F/FRED)

Problem: Your approval is required for a grant of up to \$4,000,000 for a five-year project to the International Council for Research in Agroforestry (ICRAF). \$2,300,000 will be provided from the Agriculture, Rural Development and Nutrition account (S&T Bureau \$2,000,000; Africa Bureau \$300,000) and the Selected Development Activities account (S&T Bureau \$400,000). The remaining \$1,300,000 will be provided by selected African missions as buy-ins for country-specific research activities.

Background and Discussion: On June 13, 1985, the A/AID authorized a 10-year Forestry/Fuelwood Research and Development (F/FRED) project in the amount of \$32,800,000. The goal of the project, which responds directly to the Agency's designation of fuelwood as a priority research area, is to help LDCs meet their needs for fuelwood and other tree products; for improved land, water, agroforestry and human resources management; and for increased employment and income.

The F/FRED project is part of a \$40,000,000 collaboration between the S&T, Asia, Latin America and Africa Bureaus, over a ten-year period. The Asia and Near East Bureau has already authorized \$2,500,000 for the first five years of the project.

This action approves funding for the Africa Bureau's participation in the global project (No. 936-5547) and is in compliance with para 3 under Background and Discussion of the S&T memo dated May 30, 1985. The Project Paper (Attachment 3) for the global project, describes in detail the implementation in Asia, and states that the details of the AFR and LAC phases would be prepared after project activities in these regions had been discussed and agreed upon by the respective Bureaus, Regional Offices, and Missions, and that when specific project activities have been developed for Africa and LAC, they are to be submitted to the Senior Assistant Administrator for Science and Technology for approval.

The Africa Bureau has worked with S&T to develop this project and its objectives, implementation plan, and budget.

Selection of ICRAF as Assistance Recipient: In considering acceptance of ICRAF's unsolicited application, S&T/FNR considered the university community, private consulting firms, and international forestry and agriculture research institutions. No university group in the United

4

States has the staff or field experience in agroforestry to carry out the objectives of this activity. Private consulting firms were not felt to be appropriate for an activity that will support an ongoing research and training project. The research institutions considered (The East-West Center in Hawaii, The Centro Agronomico Tropical de Investigacion y Enzenanza and FAO) were not selected because of their limited or different focus.

ICRAF was selected as the recipient of the cooperative agreement because of its unique nature as an international agroforestry research institution. It is totally multidisiplinary in its project planning and implementation, is situated in Africa where much of AID's agroforestry work will be carried out, is located in the same city where AID has a Regional Office (REDSO/EA) with auditing, legal, contractual, and professional forestry and agriculture personnel and has taken the leading role in agroforestry on a global basis. No other international, regional or national institution provides this unique set of qualities that are needed to deal with agroforestry research and training called for in this project.

Under the terms of the proposed Cooperative Agreement, it is planned that ICRAF, as implementor and as originator of the unsolicited application, will build on information previously derived to accomplish the following:

1. Assist in the development, establishment, and coordination of an agroforestry research network in the ecozone focusing on multipurpose woody species, and tree improvement trials for incorporation into appropriate agroforestry technologies.
2. Collaborate with, and provide technical support to, national and international research institutions in the ecozone in the development of multipurpose woody species adaptation, tree improvement trials, and agroforestry technologies.
3. Assist national and international institutions and agencies in the choice and acquisition of quality seed/plant material for multipurpose woody species as components for agroforestry research efforts.
4. Train national institution personnel to evaluate land use systems (which involves the preparation of state-of-the-art reports on agroforestry technologies to improve productivity and sustainability of production).
5. Furnish technical backstopping services for improved agroforestry systems in Kenya, Rwanda, Burundi and Uganda.

The expected outputs at the end of the 5-year period are:

- a. Establishment of multipurpose woody species/agroforestry technology intercountry research networks involving at least four participating countries;
- b. Identification of superior species and strains of multipurpose woody species to be used in agroforestry systems;

- c. Increased production of genetically improved seed/plant material for 5-10 selected multipurpose woody species;
- d. Training of in-country agroforestry technical groups needed to implement the collaborative research in each of the cooperating countries; and
- e. Identification of location or country-specific agroforestry research problems.

Financial Summary: This project provides direct budgetary support to ICRAF in the amount of up to \$4,000,000. It is planned that \$2,400,000 will be provided by the S&T Bureau and \$300,000 by the Africa Bureau. The remaining \$1,300,000 is subject to mission buy-ins. The funds will be used to finance, in part, the costs of ICRAF's headquarters management and administration, technical assistance, training, and research grants. The project budget summary and first year funding are as follows:

S&T and Africa Bureau Contribution

Line Items	YEAR I		ALL YEARS	
	S & T	AFR Bur	S & T	AFR Bur
1) ICRAF Program Coordinators	50.0	0	150.0	0
2) Mobilization/Organizational Country Visits	25.0	0	25.0	0
3) AFR Networking Workshop	36.0	0	36.0	0
4) Country-specific Land-use Analysis	0	11.2	0	11.2
5) Priorities Identification Workshop	40.55	0	40.55	0
6) Training Course - Multi-Purpose Tree Species	0	0	46.0	0
7) Network Strengthening in-country operational costs & Technical Assistance	40.0	30.0	200.0	175.0
8) Information Exchange reports and publications	0	0	40.0	0
9) Annual Network Meeting	0	0	64.0	0
10) Research Coordination				
- Research Coordinator	50.0	0	450.0	0
- Improved Seed/Plant Material Generation	0	0	300.0	0
- Research Equipment & Supplies	61.5	0	61.5	14.5
11) Evaluations	0	0		
12) Contingency	100.0	0	300.0	0
Subtotal	403.1	41.2	1753.0	
13) Inflation (5%)	0	0	140.0	31.0
14) Overhead (27%)	108.8	11.3	507.0	68.3
TOTAL	511.9	52.5	2400.0	300.0

6

Responsible Officers: The responsible project officers are:

- 1. S&T Bureau : Dr. Ian Morrison
- 2. Africa Bureau: Mr. Arlan McSwain

CONGRESSIONAL NOTIFICATION: The CN for the SAAR project expired on May 14, 1986.

PAYMENT VERIFICATION: Funds will be provided to ICRAF using the periodic advance payment method.

Recommendation:

1. To The Senior Assistant Administrator for S&T:

That you sign below to indicate your approval of project activities to be undertaken by the Africa Bureau under the F/FRED project (No. 936-5547).

DATE: 6/30/86

*N. C. Brady*  
 N. C. Brady  
 Senior Assistant Administrator  
 for Science & Technology

2. To The Assistant Administrator for Africa:

That you sign the attached subproject authorization to: (1) authorize an Africa Bureau contribution of \$300,000 from the SAAR project in support of the worldwide F/FRED project and (2) indicate your approval of the selection of ICRAF as assistance recipient. It is also planned that up to \$1,300,000 will be provided by selected African missions as buy-ins for country-specific research activities.

Attachments:

- 1. PP - F/FRED
- 2. Global Project Authorization
- 3. Unsolicited Application from ICRAF

Clearance:

DAA/S&T:DBrennan	<u><i>DB</i></u>	Date: <u>30/6/86</u>
S&T/PO:GGower	<u><i>GG</i></u>	Date: <u>25/6/86</u>
AFR/TR/ARD:AMcSwain	<u><i>AM</i></u>	Date: <u>6/19/86</u>
AFR/TR/PRO:WSherwin(draft)	<u><i>WS</i></u>	Date: <u>6/12/86</u>
AFR/DP/PAB:Creeves	<u><i>CC</i></u>	Date: <u>6/17/86</u>
AFR/PD/CCWA:CShorter(draft)	<u><i>CS</i></u>	Date: <u>6/12/86</u>
GC/AFR:BBryant	<u><i>BB</i></u>	Date: <u>6/20/86</u>
GC/CP:STisa(draft)	<u><i>ST</i></u>	Date: <u>6/13/86</u>
DAA/AFR:ARLove	<u><i>AR</i></u>	Date: <u>7/1/86</u>

S&T/FENR:IMorrison/  
 AFR/TR/SDP:TMCatterson/MLSebsibe:6/2/86:5409P

MORISON  
SLT/FR

SENIOR ASSISTANT ADMINISTRATOR

MAY 30 1985

ACTION MEMORANDUM FOR THE ADMINISTRATOR

THRU : AA/PPC, Richard Derham |S|  
FROM : S&T, N. C. Brady /a/ Dennis Brennan  
SUBJECT: Approval for Project 936-5547 Forestry/Fuelwood  
Research and Development (F/FRED)

Action: Your approval is requested to authorize a new ten year project, at a total cost of \$32.8 million. This project will be grant funded at \$24.55 million from the 103 account and \$8.25 million from the 106 account.

Background and Discussion: This project is part of a \$40 million Agency program involving a joint effort among S&T, ANE LAC and AFR over a 10 year period. Asia and Near East Bureau has authorized \$2.5 million for the first 5 years of the program. This project will provide \$32.8 million from S&T and the balance of \$4.7 million will be provided by Africa and LAC and ANE bureaus and Missions. The goal of the program, which responds directly to the Agency's designation of fuelwood as a priority research area, is to help LDCs meet their needs for fuelwood and other tree products; for improved land, water, agroforestry and human resources management; and for increased employment and income.

The project design is based on field assessments of current research on fuelwood in LDCs as well as on reviews of the Fuelwood Research Implementation Plan developed in collaboration with the regional bureaus and consultations with Missions, LDC scientists and other donors. A PID was approved in December 1983, and the PP was reviewed by the EN and HR Sector Councils on December 12, 1984. The project is consonant with Agency Forestry Policy guidance and the approved Forestry Sector Strategy.

Project activities will begin in Asia with subsequent phases in Africa and Latin America. The Project Paper (Attachment 2) describes the S&T/ANE phase; the details of the AFR and LAC phases will be prepared after project activities in both regions have been discussed and agreed upon by the respective bureaus, Regional Offices and Missions. When specific project activities have been developed for Africa and LAC they will be submitted to a joint Sector Council for review and to me for approval.

A Memorandum of Understanding between S&T and the Asia and Near East Bureau has been drafted and will be signed following your approval of the project. The "Memorandum of Understanding" establishes general terms and conditions under which S&T Bureau and Asia and Near East Bureau will cooperate in funding, organizing and managing the Asia Research Program under the Forestry/Fuelwood Research and Development Project. It covers the first five years of the project and is subject to annual review and the availability of funds.

The following categories of activities will be implemented:

I. Research Planning and Management: promote development of country specific national fuelwood/forestry plans and programs; provide training and other assistance to strengthen key LDC institutions to carry out national forestry/fuelwood research and development plans.

II. Network Development and Research: develop and monitor agreed upon collaborative research programs; improve research methods and information management; conduct workshops and conferences; purchase commodities essential to conduct research and support publication of results; supply expertise, mostly short-term, to host countries to assist in project design and management, fuelwood research assessments, appraisals and evaluations, and behavioral, institutional and human resource evaluation. This is the major focus of the project and will address networking and research support at the regional level.

III. Global Research: develop state-of-the-art papers and other technology assessments; assist in integrating, structuring and evaluating currently available information; evaluate fuelwood/multi-purpose tree species as components of agroforestry or other farming systems approaches to define new research needs.

The following mechanisms will be used to implement the Asia component of this project:

1. Asia Forestry Research Services Contractor

The project will be implemented primarily by contract with a United States firm or institution that will be selected by competition.

Certain technical services required for the project may be available only from organizations or individuals in free world developed countries in AID Geographic Code 935. A waiver of United States nationality requirement for suppliers of services is requested, and justified in attachment 2, page 21, in order to permit the contractor to sub-contract services from Code 935 countries under these circumstances.

2. Recruitment applications will be called for a Personal Services Contractor, funded by the Asia and Near East Bureau's Forestry Research and Development Project, to be located in Thailand. This contractor will assist the Asia and Near East Bureau Project Director in planning, implementing and monitoring project activities. The contractor will serve as liaison with Asia Missions, host country institutions, and representatives of other donor agencies involved in forestry/fuelwood research.

Funding for this \$40 million project will come from S&T (\$32.8 million), Asia and Near East Bureau (\$2.5 million authorized, \$2.5 million to be proposed), from other Bureaus and from Mission buy-ins (projected at \$2.2 million over 10 years).

By the end of this project we expect that participating LDCs will have: 1) increased government commitment to research on multi-purpose trees; 2) expanded the number of multi-purpose tree species available for use in rural development forestry programs; 3) developed improved seed supplies of selected multi-purpose tree species; 4) strengthened capacity to address the social and economic issues in rural tree crop production and management; 5) developed improved techniques for managing fast-growing, multi-purpose trees; and 6) formed an international community of interest in multi-purpose tree species research and established several viable research networks with wide-spread donor support.

A substantive Congressional Notification for this project (copy attached) has been prepared and sent forward to Congress on May 6, 1985. The period for Congressional comment, therefore, expires after 15 days, i.e., on May 21, 1985.

Particular attention has been given to compliance with the "Gray Amendment" through discussions and agreements with the Office of Small and Disadvantaged Business Utilization and SER/CM. The firm selected (by competition) to negotiate the prime contract will be required to submit an acceptable subcontracting plan that will include small and disadvantaged business concerns as sub-contractors. AID will provide, for consideration of the prime contractor, the names of a selected

10

number of socially and economically disadvantaged firms that are potential subcontractors.

Recommendation: That you sign the attached Project Authorization.

Attachments:

1. Project Authorization
2. Project Paper

Clearances:

AA/ASIA:CGreenleaf	/s/	Date	5/31/85
GC:HFry	/s/	Date	6/07/85
S&T:DBrennan	/s/	Date	5/30/85
S&T/PO:GEaton	(KM)	Date	5/23/85
ASIA/TR/EFE:Richard	/s/	Date	5/17/85
S&T/HR:RZagorin	/s/	Date	5/15/85
S&T/RD:CRussell	/s/	Date	5/14/85
S&T/RD/RRD:ECheerwynd	/s/	Date	5/12/85
S&T/EN:JVanderryn	/s/	Date	5/14/85
S&T/FENR:JDSullivan	/s/	Date	5/10/85
S&T/FENR/F:CGallegos	/s/	Date	5/10/85
PPC/PDPR:ARosenberg	(PO'F)	Date	6/07/85

S&T/RD/RRD/S&T/FENR:IM:JKP:da:3/20/85:W1467n  
Revised:4/5/85:4/12/85

PROJECT AUTHORIZATION

Name of Project: Forestry/Fuelwood Research and Development

Number of Project: 936-5547

Name of Country: Worldwide

1. Pursuant to Sections 103 and 106 of the Foreign Assistance Act of 1961, as amended, I hereby authorize the Forestry/Fuelwood Research and Development project, involving centrally funded planned obligations not to exceed \$32.8 million in grant funds over a 10-year period from the date of authorization, subject to the availability of funds in accordance with the A.I.D. OYB/Allotment process. The project may also include additional funding up to \$7.2 million provided for this purpose by Regional Bureaus and A.I.D. Missions.

2. This project consists of furnishing technical assistance, training, research grants, and equipment for the following purposes:

(A) Research Planning and Management: promote development of country specific national fuelwood/forestry plans and programs and strengthen key LDC institutions to carry out national forestry/fuelwood research and development plans;

(B) Network Development and Research: improve research methods and information management; develop and monitor agreed upon collaborative research programs; conduct workshops and conferences; purchase commodities essential to research management and support publications of results; supply expertise to host countries to assist in project design and management; undertake fuelwood research assessments, appraisals and evaluations, and behavioral, institutional and human resource evaluations.

(C) Global Research: develop state-of-the-art papers and other technology assessments; assist in development of research models as a basis for integrating and structuring currently available information; support use of research models to evaluate fuelwood/multi-purpose tree species as components of agroforestry or other farming systems approaches to define new research needs.