

AMENDMENT NO. 1  
TO THE  
PROJECT GRANT AGREEMENT  
BETWEEN THE  
SCIENTIFIC, TECHNICAL AND RESEARCH COMMISSION  
OF THE  
ORGANIZATION OF AFRICAN UNITY  
AND THE  
UNITED STATES OF AMERICA  
FOR  
SEMI-ARID FOOD GRAINS RESEARCH AND DEVELOPMENT II  
AID PROJECT NUMBER [REDACTED]

AMENDMENT NUMBER 1  
TO THE  
PROJECT GRANT AGREEMENT  
FOR  
SEMI-ARID FOOD GRAINS RESEARCH AND DEVELOPMENT II  
AID PROJECT NUMBER 693-0452

The Project Grant Agreement between the Scientific, Technical and Research Commission of the Organization of African Unity ("Grantee") and the United States of America, acting through the Agency for International Development ("A.I.D."), dated August 30, 1986, is hereby amended as follows to add the sum of One Million, One Hundred and Forty-Three Thousand United States ("U.S.") Dollars (\$1,143,000) to the Grant.

A. Under SECTION 2.1.: Definition of Project, Subsection 2.1.2 is hereby amended by adding text concerning an ACPO workshop and ACPO program evaluation. The entire text of the amended subsection reads as follows:

"2) implementing the Accelerated Crop Production Officer Program ("ACPO Program") for Mali and Burkina Faso, which will consist of on-farm testing of technologies developed by, among others, the NARSS, IITA and ICRISAT. One ACPO workshop and an overall evaluation of the ACPO programs in Mali, Cameroon, Burkina Faso and Togo will also be organized; and"

B. SECTION 3.1.: The Grant is hereby deleted in its entirety and the following is substituted in lieu thereof:

"SECTION 3.1.: The Grant

To assist the Grantee to meet the costs of carrying out the Project, A.I.D., pursuant to the Foreign Assistance Act of 1961, as amended, agrees to grant the Grantee under the terms of this Agreement an amount not to exceed One Million, Nine Hundred and Fifty-One Thousand United States ("U.S.") Dollars (\$1,951,000) ("Grant"). The Grant may be used to finance foreign exchange costs, as defined in Section 6.1, and local currency costs, as defined in Section 6.2, of goods and services required by the project."

C. SECTION 3.3(a) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"(a) The "Project Assistance Completion Date" (PACD) which is August 31, 1991, or such other date as the Parties may agree to in writing, is the date by which the Parties estimate that all services financed under the Grant (except those for the SAFGRAD Coordination Office activity) and all goods financed under the Grant (except those for the SAFGRAD Coordination Office activity) will have been furnished for the Project as contemplated in this Agreement. The PACD for the SAFGRAD Coordination Office activity is September 30, 1988, unless the Parties otherwise agree in writing."

D. Annex 1, Amplified Project Description, is hereby deleted in its entirety and a revised Annex 1, attached, is substituted in lieu thereof and forms part of the amended Project Grant Agreement.

Except as modified herein, all terms and conditions of the Project Grant Agreement of August 30, 1986, remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the Scientific, Technical and Research Commission of the Organization of African Unity and the United States of America, each acting through its duly authorized representative, have caused this Agreement to be signed in their names and delivered as of the day and year below written.

SCIENTIFIC, TECHNICAL AND  
RESEARCH COMMISSION OF THE  
ORGANIZATION OF AFRICAN UNITY

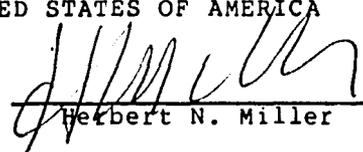
By: 

Prof. COUAOVI A. JOHNSON

Title: Assistant Executive Secretary  
OAU/STRC

Date: JUN 22 1987

UNITED STATES OF AMERICA

By: 

Herbert N. Miller

Title: Mission Director,  
USAID/Burkina

Date: JUN 22 1987

Funds Available   
Controller: John B. Tuleja  
Amount: \$1,143,000  
AID Project Number: 698-0452  
OAU Project Number: JP 31  
Appropriation: 72-1171021.3  
Allotment: GDAA-87-21686-AG12  
Allowance Number: 743-60-686-00-69-61

## ANNEX 1

### Amplified Project Description

#### Article A: Background and Summary:

This Project Agreement for the Semi-Arid Food Grains Research and Development (SAFGRAD) II Project provides \$9,800,000 over a five year life-of-project to enhance the capabilities of national scientists and research institutions of SAFGRAD member countries to conduct agricultural research. This will be done through the establishment of agricultural research networks for those food crops predominating in the semi-arid zones of Africa, i.e. sorghum, millet, maize and cowpeas. The networking mechanism is intended to allow participating SAFGRAD member countries to share research results and related information through the interaction of agricultural commodity researchers within the National Agricultural Research Systems (NARSs) and the international agricultural research community. The Project's emphasis on the strengthening of agricultural research networks will foster stronger linkages within and among collaborating NARSs for the promotion, development and transfer of new production technologies for semi-arid food crops.

The overall SAFGRAD program is under the sponsorship of the Organization of African Unity/Scientific, Technical and Research Commission (OAU/STRC), with participation of the International Institute of Tropical Agriculture (IITA) and the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), the two principal International Agricultural Research Centers (IARCs) responsible for semi-arid crop research in sub-Saharan Africa.

The goal of SAFGRAD II is to increase the productivity and production of sorghum, millet, maize and cowpeas among small-scale producers in SAFGRAD member and cooperating countries. The purpose of the Project is to increase the efficiency and effectiveness of agricultural research on the aforementioned staple food crops in the SAFGRAD region by:

- strengthening commodity-specific research networks to plan, broaden their base of support and make productive use of resources; and
- strengthening the service capacity of the OAU/STRC SAFGRAD Coordination Office (SCO) to facilitate NARSs' participation in networking and obtain internal support for national agricultural research programs to accomplish this purpose.

To achieve the Project's purpose and output objectives, the United States Government will support the implementation of the following five components: networking (including resident commodity research); the SAFGRAD Coordination Office, including on-farm testing through the Accelerated Crop Production Officer (ACPO) Program; project management; evaluation and audit; and contingencies.

Article B: United States Government Contribution:

A.I.D. project inputs under this Project Agreement will total \$9,800,000 over a five year period as detailed in this Article B (refer to Attachment I, Project Financial Plan):

1. Networking:

This Project will support the establishment of collaborative agricultural research networks on sorghum in West Africa, sorghum and millet in East Africa, maize -- starting in West and Central Africa, and cowpeas -- starting in West and Central Africa. In support of the research networks, the project will support resident commodity research on sorghum, millet, maize and cowpeas for the first year and a half of the project. The resident commodity research will provide necessary scientific input into the research networks and will be supported by a regional research program which implements region-wide trials, i.e. uniform variety trials for the four principal SAFGRAD - mandated crops. The resident research will be conducted by IITA for maize and cowpeas and by ICRISAT for sorghum and millet.

Initially, the IARCs will provide network coordinators, but will gradually shift responsibility for network coordination to national scientists as is feasible over the life of the project.

Each network will be assisted in its organization and direction by an advisory committee. The advisory committees will be composed of practicing researchers from participating SAFGRAD member countries, the network coordinator and the SCO as observer. The advisory committees, in collaboration with IITA and ICRISAT, will implement and monitor network activities and provide policy direction for the network membership. To this end, the advisory committees will review work plans and progress reports and will provide guidance on all technical and managerial matters of the networks. This includes responsibility for setting agendas for regional workshops, monitoring tours and problem-specific workshops within each commodity network.

a. West African Sorghum Collaborative Research Network:

Under the Project, the West African Sorghum Collaborative Research Network will be established comprising up to seventeen countries. ICRISAT, in collaboration with the advisory committee for the West African Sorghum Network, will have the principal responsibility for the implementation and coordination of this network for the full five-year period of the project. As such, ICRISAT will provide a network coordinator, who will be based in Burkina Faso, to direct the sorghum research network and who will be funded for the full five-year period of the project. The network coordinator, a sorghum breeder, will also carry out a limited amount of his own research if time permits. In support of this research

network, ICRISAT will also provide an additional sorghum breeder who, with the network coordinator, will conduct resident commodity research for the development of improved technologies (varieties and agronomic practices) for improved sorghum production. The ICRISAT sorghum breeder will, likewise, be based in Burkina Faso and will be funded for eighteen (18) months under the project.

Budget for the West African Sorghum Collaborative Research Network:

	U.S. Dollars
A. Salaries and Allowances Professional Staff and Support Staff	813,000
B. Operational	655,000
C. Commodities	90,000
D. Overhead	<u>122,000</u>
TOTAL	1,680,000

b. East African Sorghum/Millet Collaborative Research Network:

The Project will support the East African Sorghum/Millet Collaborative Research Network which comprises six African countries and was established during the SAFGRAD I Project. ICRISAT, in collaboration with the advisory committee for this network, will, likewise, have the principal responsibility for the implementation and coordination of the network for the full five-year period of the project. To this end, ICRISAT will provide a network coordinator, who will be based in Nairobi, Kenya, to direct this network and who will be funded for the full five years of the project. Additionally, ICRISAT will provide an Agronomist to conduct direct research in support of networking activities. The Agronomist will, likewise, be based in Nairobi, Kenya, and will be funded for twelve (12) months under the Project.

Budget for East African Sorghum/Millet Collaborative Research Network:

	<u>U.S. Dollars</u>
A. Salaries and Allowances Professional Staff and Support Staff	693,000
B. Operational	603,000
C. Commodities	50,000
D. Overhead	<u>104,000</u>
TOTAL	1,450,000

C. Cowpea Collaborative Research Network:

The Project will support the Cowpea Collaborative Research Network which will first be undertaken in West and Central Africa. A prototype cowpea network was established during the SAFGRAD I Project with the participation of nearly all of SAFGRAD's twenty-six member countries. IITA, in collaboration with the advisory committee to be established for this network, will have the principal responsibility for the implementation and coordination of the network for the full five-year period of the project. IITA will provide a network coordinator, who will be based in Ouagadougou, Burkina Faso, for at least two years to direct this network and who will be funded for the full five years of the project. IITA will support the Cowpea Collaborative Research Network by providing a two-member resident commodity research team (agronomist and part-time entomologist) to conduct research for the development of improved technologies (varieties and agronomic practices) for improved cowpea production. It is anticipated that a member of the resident commodity research team will also serve the function of network coordinator. The IITA cowpea resident commodity research team will be funded for one and a half years under the project. A cowpea breeder not funded by AID is also a member of this team.

Budget for Cowpea Collaborative Research Network

	<u>U.S. Dollars</u>
A. Salaries and Allowances Professional Staff and Support Staff	774,000
B. Operational	835,000
C. Commodities	100,000
D. Overhead	116,000
TOTAL	1,825,000

d. Maize Collaborative Research Network:

The Project will support the Maize Collaborative Research Network which will also be first undertaken in West and Central Africa. A prototype maize network was, likewise, established during the SAFGRAD I Project which included countries from all regions of the continent. IITA, in collaboration with the advisory committee to be established for this network, will have the principal responsibility for the implementation and coordination of this network. IITA will provide a network coordinator, who will be based in Ouagadougou, Burkina Faso, to direct this network and who will be funded for the full five years of the project. IITA will support the Maize Collaborative Research Network by providing a three-member

resident commodity research team (agronomist, maize breeder and a soil and water management specialist) to conduct research for the development of improved technologies (varieties and agronomic practices) for improved maize production. It is anticipated that a member of the resident commodity research team will also serve the function of network coordinator. The IITA maize resident commodity research team will be funded for one and a half years under the project. The IITA entomologist, while spending most of his time on cowpea research, will also conduct some research on maize.

Budget for Maize Collaborative Research Network:

	<u>U.S. Dollars</u>
A. Salaries and Allowances Professional Staff and Support Staff	993,000
B. Operational	989,000
C. Commodities	128,000
D. Overhead	145,000
TOTAL	2,255,000

2. SAFGRAD Coordination Office (SCO):

The Project will provide support to the OAU/STRC for the continued operation of the SAFGRAD Coordination Office (SCO) located in Ouagadougou, Burkina Faso, for a period of two years to assist the participating NARSS and the IARCs in establishing the collaborative research networks and in implementing broad research policies established by the Oversight Committee for the SAFGRAD-mandated crops. The SCO will provide the political dimension required to assist the participating scientists and research organizations in transcending national boundaries to facilitate the movement of scientists, germplasm, research information, and research supplies between countries, including support for network meetings. The SCO is the key organization for facilitating the transition of the networking responsibilities to leadership provided by the NARSS. The SCO will serve as a liaison between the IARCs and NARSS and will help organize and sit as observers on the various advisory committees for the collaborative crop research networks. The SCO will also promote cooperation among the SAFGRAD member countries and provide assistance to help overcome political and operational problems which may limit the effectiveness of the networks by encouraging NARSS to allocate the necessary resources required for the effective participation in the networks.

a. Oversight Committee and Sponsoring Group:

A project Oversight Committee will be organized through the intervention of the SAFGRAD Coordination Office in conjunction with Directors of Research from SAFGRAD member countries. The committee will be composed of approximately five members representing African national agricultural research administrators, prominent scientists and members of university faculties of agriculture. The SAFGRAD Coordination Office, IITA and ICRISAT will attend committee meetings as observers. The role to be played by the Oversight Committee is as follows:

- to provide guidance in management and policy issues for SAFGRAD;
- to review work plans and provide guidance on how SAFGRAD could provide effective technical services to national research programs of member countries;
- to facilitate the formation of food grain and related networks administered by scientists of participating countries; and
- to review technical progress of network resident research, ACPOs and other SAFGRAD activities to ensure further financial support.

The SAFGRAD Coordination Office will also organize a Sponsoring Group, composed primarily of donors, which will be convened periodically to be presented progress reports and proposals of the various SAFGRAD research cooperators. The purposes of this forum are to keep current and potential donors informed of progress to date within each research component and to floor proposals for additional research activities requiring further donor support.

b. On-Farm Testing:

A key component of SAFGRAD I was the Accelerated Crop Production Officer (ACPO) Program which promoted the transfer of promising technologies between national agricultural research institutions and extension services. The ACPO program conducted on-farm tests of relevant technologies and reported the results back to national research and extension programs, as well as to researchers at regional centers. The SAFGRAD II Project will support the ACPO programs in Burkina Faso and Mali for an additional year and a half to assist in their transfer into the respective national programs. The Project will also support an evaluation of the SAFGRAD ACPO experience for purposes of delineating any possible future interventions for technology transfer activities, and one ACPO workshop is also to be funded.

Budget for SCO/ACPO Programs:

	<u>U.S. Dollars</u>
A. Salaries and Allowances	330,000
B. Operations	305,000
C. Commodities	40,000
D. Oversight Committee and Sponsoring Group Meetings	60,000
E. ACPO Programs	<u>350,000</u>
TOTAL	\$1,085,000

3. Project Management

Lessons learned during the implementation of SAFGRAD I underline the importance of clear and unified project management support for SAFGRAD II. As such, full implementation responsibility will be with USAID/Burkina, with support from the USAID Regional Economic Development Service Office for West and Central Africa (REDSO/WCA). In addition to USAID's in-house project management, the Project will fund a Senior Agricultural Project Advisor and an Accountant to assist USAID/Burkina and its Office of General Development in carrying out their responsibilities. Short-term technical assistance will also be provided for under this Project Agreement on an as-needed basis.

a. Senior Agricultural Project Advisor:

The Senior Agricultural Project Advisor will be an experienced agricultural research administrator with specific skills in networking. He will monitor the implementation of all project components and activities and be a working link between USAID/Burkina and the OAU/STRC. He will consult regularly with commodity network coordinators and participating national scientists. This individual will be provided to the project under a direct contract with USAID/Burkina. The services of the Senior Agricultural Project Advisor will be required for the full five years of the project.

b. Accountant:

In view of the expanded USAID/Burkina project management role, it is necessary to fund the services of an Accountant under the project for a two year period. The Accountant will be recruited locally and be contracted under a direct contract with USAID/Burkina. The Accountant will be directly responsible to the USAID/Burkina Office of Financial Management and will act as the Project's financial expert in coordinating the finances for the project -- including assisting the SCO in financial management and reporting, budgeting, review of

Project Implementation Letters relating to budget revisions, liaison with the SCO in applying USAID financial regulations, and maintaining USAID/Burkina financial records and files for the overall project.

c. Short-Term Technical Assistance

Short-term technical assistance will be for support to the SCO in problem and opportunity-specific areas such as research policy, information and documentation management, and operations and administration.

Budget for Project Management:

	<u>U.S. Dollars</u>
A. Senior Agricultural Project Advisor	819,000
B. Accountant	37,000
C. Short-Term Technical Assistance	50,000
D. Oversight Committee Meetings (years 3-5)	75,000
E. National Agricultural Research Directors Meetings (years 3 and 5)	<u>90,000</u>
TOTAL	1,071,000

4. Evaluation and Audit:

The Project will provide funding for a mid-term and final evaluation and audit to enable USAID/Burkina and all Project cooperators to gauge the Project's impact and provide analyses upon which more effective project implementation can be promoted.

Budget for Evaluation and Audit:

	<u>U.S. Dollars</u>
A. Evaluations	200,000
B. Audit	30,000
TOTAL	230,000

5. Contingencies:

The Project will provide funding under this Project Agreement to accommodate contingency needs and to offset the effects of inflation. U.S. Dollars 204,000 is provided for this purpose.

Article C: SAFGRAD Member Country Contribution:

The SAFGRAD member countries participating in the Project will provide in-kind contributions totaling \$1,800,000. The bulk of this contribution will be comprised of staff salaries and facility use -- including equipment, land, researchers and research support personnel salaries and administrative support.

Article D: Outputs:

The SAFGRAD II Project Outputs will be the following:

1. SAFGRAD Coordination Office will be fully staffed.
2. SAFGRAD Oversight Committee meets annually.
3. Research for each collaborative research network reviewed and evaluated annually.
4. Future research activities identified, planned and allocated among participants.
5. In-country research implemented by NARSs.
6. Varieties released and cultural practices recommended.
7. Responsive technical backstopping by IITA and ICRISAT.
8. Network advisory committees meet biannually.
9. Network priorities are reflected in NARSs' decision-making.
10. Opportunities for future donor support at regional and national levels clarified.

Article E: End of Project Status:

The End of Project Status for SAFGRAD II will be the following:

1. Effectively operating collaborative research networks (West African sorghum, East African sorghum/millet, maize and cowpea) which will operate by the following criteria:

- established common goals;
- leadership by an apolitical entity with continuity;
- policy set by advisory committee of researchers;
- conducts, at least, annual meetings to identify objectives, technical problems, and review past research;
- and
- effective linkage to Southern African millet/sorghum network.

2. Effectively functioning service-oriented SCO that:

- implements policies established by the Oversight Committee;
- exercises oversight on research networking;

- analyzes and plans for the future; and
- facilitates information exchange on research.

Article F: Implementation:

1. OAU/STRC Responsibilities:

One implementing organization for the SAFGRAD II Project will be the OAU/STRC, which is headquartered in Lagos, Nigeria. The OAU/STRC has established the SAFGRAD Coordination Office (SCO) in Ouagadougou, Burkina Faso, and will delegate to it certain authorities which will facilitate effective implementation of the project, such as financial management and program coordination. The SCO will be directed by the International Coordinator for SAFGRAD and be staffed by additional professional and support personnel funded by AID. The SCO will also oversee the implementation of the ACPO programs.

The International Coordinator will be the principal OAU/STRC liaison official between the OAU/STRC and USAID/Burkina for project management. The International Coordinator will have direct control over the administration of the SCO, the operating expense budget, facility use, and SCO personnel. Administrative support will be provided by the OAU/STRC headquarters in Lagos, Nigeria. The SCO will have a Controller responsible for the overall financial management of the Project, with financial management and audit support from OAU/STRC in Lagos.

2. USAID Responsibilities:

A direct hire staff member of the USAID/Burkina Office of General Development will be the designated Project Officer and will have project management and monitoring responsibilities for overall project implementation on the part of USAID. USAID/Burkina will also be responsible for procuring evaluation and audit teams.

Utilizing funds under this Project Agreement, USAID/Burkina will contract the services of a Senior Agricultural Project Advisor to assist with project management and advise the SCO and SAFGRAD research cooperators on SAFGRAD program and policy issues. Additionally, USAID/Burkina will contract the services of an Accountant to assist USAID/Burkina's Office of Financial Management in providing financial management backstopping to the Project. Occasionally the services of the Regional Legal Advisor and Regional Contracting Officer will be requested from REDSO/WCA.

3. IARCs:

The two IARCs participating in the Project, IITA and ICRISAT, will receive direct grants from USAID to implement the network coordination and resident commodity research activities under the Project.

IITA and ICRISAT will follow program and policy directives for SAFGRAD as formulated by the project Oversight Committee and will cooperate actively with the respective committees for the collaborative research networks.

Article G: Financial Plan

The Project Financial Plan is subject to change by representatives named in Section 8.2, or their designated representatives, without formal amendment of the Project Grant Agreement. Transfers may be made between line items provided that no line item is increased by more than 15% without written agreement of the parties and further provided that the total funds available to the Project are not exceeded.

Article H: Disbursement Procedures:

The disbursement of funds for the operating expenses of the SCO and IITA will be done by reimbursement of funds against periodic advances. The financial reporting system to be used will be the one developed and set in place by the USAID Sahel Regional Financial Management Project. Financial reporting for the Burkina Faso ACPO will also be handled by the SCO. USAID/Mali will disburse funds and provide accounting for the Mali ACPO program.

The disbursement of funds for the direct grant to ICRISAT will be done through the submission of financial reports justifying expenditures against the grant and subsequent reimbursement for approved grant expenditures.

SEMI-ARID FOODGRAINS RESEARCH AND DEVELOPMENT II  
PROJECT NO. 698-0452  
PROJECT AGREEMENT, ANNEX 1

ATTACHMENT 1: PROJECT FINANCIAL PLAN (\$000)

=====				
	Authorized Project Funding	Obligations To Date	Obligations Per This Action	Total Project Obliga- tions
=====				
I. West Africa Sorghum Collaborative Research Network (ICRISAT)	1,680	430	1,250	1,680
II. East Africa Sorghum/Millet Collab. Research Network (ICRISAT)	1,450	270	1,180	1,450
ICRISAT Subtotal	3,130	700	2,430	3,130
III. Cowpea Collaborative Research Network (IITA)	1,825	753	779	1,532
IV. Maize Collaborative Network (IITA)	2,255	1,092	848	1,940
IITA Subtotal	4,080	1,845	1,627	3,472
V. SAFGRAD Coordination Office/ ACPO Programs	1,085	643	442	1,085
VI. Project Management	1,071	165	542	707
VII. Evaluation and Audit	230	-	100	100
VIII. Contingencies	204		59	59
OUA/STRC Subtotal	2,590	808	1,143	1,951
OUA/STRC Subtotal	*****	*****	*****	*****
PROJECT TOTAL	9,800	3,353	5,200	8,553