

PI-AAZ-399
ISA 61512

AGENCY FOR INTERNATIONAL DEVELOPMENT

PROJECT DATA SHEET

1. TRANSACTION CODE

C
A - Add
C - Change
D - Delete

Amendment Number
2

DOCUMENT CODE
3

COUNTRY/ENTITY
Worldwide

1. PROJECT NUMBER

931-1310

2. BUREAU/OFFICE

2. PROJECT TITLE (maximum 40 characters)

S&T/AGR

10

CRSP - Bean/Cowpea

3. PROJECT ASSISTANCE COMPLETION DATE (FACD)

3. ESTIMATED DATE OF OBLIGATION

(Under "B" below, enter 1, 2, 3, or 4)

MM DD YY
6/9/81

A. Initial FY 810

B. Quarter 4

C. Final FY 911

4. COSTS (\$000 OR EQUIVALENT \$1 =)

A. FUNDING SOURCE	FISCAL FY 80			LIFE OF PROJECT		
	B. FX	C. L/C	D. Total	E. FX	F. L/C	G. Total
AID Appropriated Total	715		715	29,810	10,440	40,250
(Grand S&T Bureau	(715)	()	(715)	(22,310)	(10,440)	(32,750)
Mission/Reg. Bureau	()	()	()	(7,500)	()	(7,500)
Other L						
U.S.						
Host Country						
Other Donor(s)						
TOTALS	715		715	29,810	10,440	46,856

5. SCHEDULE OF AID FUNDING (\$000)

A. APPROPRIATION	B. PRIMARY PURPOSE CODE	C. PRIMARY TECH. CODE		D. OBLIGATIONS TO DATE		E. AMOUNT APPROVED THIS ACTION		F. LIFE OF PROJECT	
		1. Grant	2. Loan	1. Grant	2. Loan	1. Grant	2. Loan	1. Grant	2. Loan
(1) ARDN	1411	963		24,935	-	4,750	-	32,750	-
(2)									
(3)									
(4)									
TOTALS				24,935	-	4,750	-	32,750	-

6. SECONDARY TECHNICAL CODES (maximum 3 codes of 3 positions each)

074 | 968 | 953 | 967 | 312 | 334

7. SECONDARY PURPOSE CODES

181

8. SPECIAL CONCERN CODES (maximum 1 code of 4 positions each)

A. Code: BRW | R/AG | XII | INTR | TNG
B. Amount: 1,000 | 24,000 | 500 | 3,000 | 4,000

9. PROJECT PURPOSE (maximum 400 characters)

To increase bean/cowpea production and utilization and improve research capability in LDCs through collaborative research between U.S. and LDC institutions.

10. SCHEDULED EVALUATIONS

Quarter MM YY MM YY Final MM YY
04 91 | | | |

11. SOURCE/ORIGIN OF GOODS AND SERVICES

068 M1 Local Other (Specify)

12. AMENDMENTS/NATURE OF CHANGE PROPOSED (This is page 1 of a page FF Amendments)

To extend the project for three years and increase the authorized life-of-project cost from \$28,000,000 to \$32,750,000 and to provide up to \$7,500,000 of regional bureau and mission contributions.
1/ The estimated regional bureau and mission contributions are not included in this authorization. Funds to be contributed by missions, regional bureaus and other AID/W offices are authorized under separate project authorization.

13. APPROVED BY

Signature: *William Furtick*
Title: William Furtick, Director, S&T/FA

Date Signed: 04 DD YY
03/27/81

14. DATE DOCUMENT RECEIVED BY AID/W, OR FOR AID/W DOCUMENTS, DATE OF DISTRIBUTION

MM DD YY
| | | | |

AGENCY FOR INTERNATIONAL DEVELOPMENT

APR 17 1989
WASHINGTON, D.C. 20503

EXECUTIVE SECRETARIAT

APR 3 1989

SENIOR ASSISTANT ADMINISTRATOR

ACTION MEMORANDUM FOR THE ADMINISTRATOR

THRU: AA/PPC, Richard Bissell *RB*
FROM: SAA/S&T, N. C. Brady *NCB*
SUBJECT: Extension of the Bean/Cowpea Collaborative Research Support Program (CRSP) Project (931-1310) (Doc. No. 131001)

Problem: The current grant agreement for the Bean/Cowpea CRSP project with the Management Entity (ME) at Michigan State University (MSU) expires May 6, 1989. The ME has requested a three-year extension (Attachment 3). Your approval is required for a three-year extension and increased funding authorization because the life of the project will exceed ten years from the date of initial obligation. Approval of the extension request will extend the final year of obligation to FY 1991, the Project Assistance Completion Date (PACD) to September 30, 1992, and will increase the authorized life of project funding to \$32,750,000.

Background: The Bean/Cowpea CRSP project began in September 1980 with a five-year grant agreement with Michigan State University as the ME. In FY 1986 the project was extended for an additional three years. The program is in its eighth year and involves a network of nine U.S. universities and collaborating scientists in eleven countries in Africa and Latin America, the principal bean-eating areas of the world.

In 1985 the IG audited the matching funds contributed by the participating universities and did not include any recommendations.

Review and Evaluation: In February 1988, the External Evaluation Panel (EEP) of the Bean/Cowpea CRSP completed its technical review and in June 1988 an administrative management review was completed by A.I.D. These reviews are in accordance with the CRSP Guidelines for conducting the Triennial Review of the CRSPs. The EEP and the administrative management reviews both recommended a three-year extension of this CRSP.

The ME submitted an extension proposal (Attachment 6) which the Agricultural Sector Council and the Joint Committee on Agricultural Research and Development (JCARD) reviewed in September 1988. The JCARD recommended that this CRSP be extended for

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an additional three-years. The BIPAD concurred with the JCARD recommendation (Attachment 5) that a three-year extension be granted with the following suggested provisions for the future:

- that additional graduate training be reemphasized to reverse the severe reduction in numbers (80%) by identifying options within the CRSP and by seeking mission and other external funding resources;
- that priority be given to assessment of the economic benefits from the research (such as the Senegal case); and
- that additional collaborative linkages be established with other international projects, programs, and institutions that share common interests with the CRSP (example, the A.I.D. regional programs and conferences in Africa).

Accomplishments: The CRSP has made major breakthroughs with the development of: 1) black bean cultivars that biologically fix up to 60 kilograms of nitrogen per hectare, 2) a protocol to insure disease-free seed to prevent the spread of bean common mosaic virus, 3) bean and cowpea genetic materials with drought tolerance, 4) four cowpea breeding lines with biological resistance to aphid insects, and 5) cowpea varieties for the Cameroons which have quadrupled cowpea yields. A village cowpea flour mill has been designed and tested for semi-processing of cowpeas into flour in developing countries. Large collections of bean and cowpea germplasm from Africa and Latin America are being shared worldwide throughout the agricultural research system. New bean cultivars developed by the CRSP are being planted to over 200,000 acres in Michigan with yield increases of 30% per acre. A new kidney bean from the CRSP is being used in New York with yield increases of 20% per acre. New snap bean varieties have been developed for Wisconsin which biologically fix up to 50 pounds of nitrogen per acre and thereby reduce the farmer's cost of production per acre by \$20 by reducing chemical fertilizer costs.

Training has been a major component of this CRSP. Seventy-seven students from developing countries and 39 from the U.S. have completed advanced degrees. Over 875 LDC and U.S. students have participated in non-degree programs. Other accomplishments are shown in Attachment 7.

Funding: The Bean/Cowpea grant will be extended for an additional three-year period with a proposed budget at an annual funding level of \$2,600,000. S&T/AGR's FY 1989 OYB contains \$2,600,000 which will support activities to April 21, 1990. Congressional Notification is not required.

The authorized life-of-project total of \$28,000,000 will be increased by \$4,750,000 to \$32,750,000 for the extension and the final year of obligation will be extended to FY 1991. S&T/AGR anticipates missions and regional bureaus will buy-in a total of \$7,500,000 to access the expertise developed under this program. These additional funds will be separately authorized under various mission, regional bureau or A.I.D./Washington centrally funded projects, but will also require your approval to be used under the project. The Office of Procurement is in the process of establishing a companion basic ordering agreement (BOA) to the CRSP Grant which will be the mechanism by which services related to the research program can be accessed.

Pursuant to A.I.D. Handbook 3, Chapter 5E 2b(1)(d), the project authorization is reserved for the Administrator when the life of the project exceeds ten years from the date of initial obligation, which was FY 1980 for this project.

Recommendation: That you sign the attached project authorization (Attachment 1 and 2) amendment to extend the authorized final year of obligation to FY 1991 and the PACD to September 30, 1992, and to increase the authorized life-of-project total cost from \$28,000,000 to \$32,750,000.

Attachments:

1. Authorization
2. Project Data Sheet
3. Request for Extension/Budgets from FY 1980 - FY 1992
4. Action Memo and PAF approved 10/11/84
5. BIFAD's Memo dated September 30, 1988 to the Administrator
6. Proposal/Three Year Global Plan
7. Accomplishments

Clearances:

GC:HMFry MMJ Date 3/17/89
GC/CP:STIsa SN Date _____
PPC/PB:ABaker _____ Date _____

4'

PROJECT AUTHORIZATION AMENDMENT #2

ENTITY : Bureau for Science and Technology

PROJECT TITLE : CRSP - Bean/Cowpea

PROJECT NUMBER: 931-1310

A. Pursuant to Section 103 of the Foreign Assistance Act of 1961, as amended, the centrally funded Bean/Cowpea CRSP was authorized on September 26, 1980 and amended on October 11, 1984. That authorization is hereby further amended as follows:

1. The authorized final year of obligation is extended to FY 1991 and the PACD is extended to September 30, 1992.
2. The authorized life-of-project total cost to S&T Bureau is increased from \$28,000,000 to \$32,750,000 to help in financing the foreign exchange and local currency costs of the project. A new total of up to \$40,250,000 of A.I.D. appropriated funds is approved for use in this project in anticipation that regional bureaus and missions may contribute up to \$7,500,000 under various project authorities, to support project activities.
3. Source and Origin of Goods and Services
 - a. Each developing country where training or other assistance takes place under this program shall be deemed to be a cooperating country for the purpose of permitting local currency financing.
 - b. Goods and services, except for ocean shipping, financed by A.I.D. under the project shall have their source and origin in the cooperating country or in the United States except as A.I.D. may otherwise agree in writing. Ocean shipping financed by A.I.D. under the program shall, except as A.I.D. may otherwise agree in writing, be financed only on flag vessels of the United States.

B. The authorization cited above remains in force except as herein amended.

Alan Woods

Alan Woods
Administrator
Agency for International
Development

Date: 4/18/89

Clearances:

S&T/AGR/AP:HHortik	<i>RS/HH</i>	Date	<u>3/20/89</u>
S&T/AGR:GStandrod	<i>JS</i>	Date	<u>3/21/89</u>
S&T/AGR:DBathrick	<i>DB</i>	Date	<u>3/21/89</u>
S&T/PO:DSeldon	<i>JS</i>	Date	<u>3/21/89</u>
GC:HMFry	<i>MF</i>	Date	<u>3/12/89</u>
GC/CP:STisa	<i>ST</i>	Date	<u>3/12/89</u>
AA/PPC:RBissell	<i>RB</i>	Date	<u>3/17/89</u>
PPC/PB:ABaker	<i>AB</i>	Date	<u>3/17/89</u>

Drafted: S&T/AGR: *MB* Blakeney: 1/18/89: WANG#: 5627e