

PROJECT DATA SHEET

1. TRANSACTION CODE

A = Add  
 C = Change  
 D = Delete

PD-ABC-349  
 10A-700-41  
 Amendment Number  
 1

DOCUMENT CODE  
 3

COUNTRY/ENTITY  
 Worldwide

3. PROJECT NUMBER  
 936-4144

4. BUREAU/OFFICE  
 S&T/AGR

5. PROJECT TITLE (maximum 40 characters)  
 Postharvest Grain Systems, R&D

6. PROJECT ASSISTANCE COMPLETION DATE (PACD)  
 MM DD YY  
 12 31 92

7. ESTIMATED DATE OF OBLIGATION  
 (Under "E." below, enter 1, 2, 3, or 4)  
 A. Initial FY 85 B. Quarter 4 C. Final FY 92

8. COSTS / \$000 OR EQUIVALENT \$1 =

A. FUNDING SOURCE	FIRST FY			LIFE OF PROJECT		
	E. FX	C. LC	D. Total	E. FX	F. LC	G. Total
AID Appropriated Total	1,080	-	1,080	5,645	-	5,645
(Grant S&T Bureau	( 600 )	( - )	( 600 )	( 3,245 )	( - )	( 3,245 )
Other C.S.						
1. Mission/Reg. Bur	480	-	480	2,400	-	2,400
2. Buy-ins						
Host Country						
Other Donor(s)						
<b>TOTALS</b>	<b>1,080</b>	<b>-</b>	<b>1,080</b>	<b>5,645</b>	<b>-</b>	<b>5,645</b>

9. 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	010	150	-	2,316	-	-	-	3,245	-
(2)									
(3)									
(4)									
<b>TOTALS</b>				<b>2,316</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,245</b>	

10. SECONDARY TECHNICAL CODES (maximum 8 codes of 3 positions each)  
 070 | 020 | 140 | 150

11. SECONDARY PURPOSE CODE  
 169

12. SPECIAL CONCERNS CODES (maximum 7 codes of 4 positions each)

A. Code	B. Amount	C. Code	D. Amount
RS/BF	245	RDEV	3,000

13. PROJECT PURPOSE (maximum 480 characters)  
 To improve the capability of LDCs to reduce postharvest cereal and legume grain losses.

14. SCHEDULED EVALUATIONS

Year	MM	YY	MM	YY	Final	MM	YY

15. SOURCE/ORIGIN OF GOODS AND SERVICES  
 000  941  Local  Other (Specify)

16. AMENDMENTS/NATURE OF CHANGE PROPOSED (This is page 1 of a \_\_\_\_\_ page PP. Amendment.)  
 To change the Project Assistance Completion Date (PACD) from 9/30/91 to 12/31/92.  
 To change the final year of obligation from FY 1990 to FY 1992.

17. APPROVED BY  
 Signature: *David D. Bathrick*  
 Title: David D. Bathrick, Director  
 S&T/AGR  
 Date Signed: MM DD YY  
 12 31 92

18. DATE DOCUMENT RECEIVED BY AID/W. OR FOR AID/W DOCUMENTS. DATE OF DISTRIBUTION:  
 MM DD YY

PROJECT AUTHORIZATION AMENDMENT NUMBER 2

Name of Project : Postharvest Grain Systems/R&D

Number of Project: 936-4144

Country : Worldwide

1. Pursuant to Section 103 of the Foreign Assistance Act of 1961, as amended, the Postharvest Grain Systems project was authorized on July 12, 1985. That authorization is hereby amended as follows:

- a. The final obligation year is changed from FY 1990 to FY 1992, and
- b. The PACD is changed from September 30, 1991 to December 31, 1992.

2. In accordance with Handbook 13, 2B.3d., it is hereby certified that the proposed amended cooperative agreement with Kansas State University will be a follow-on assistance award intended to continue or further develop an existing assistance relationship.

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

Signature: William Furtick  
William Furtick  
Agency Director for Food  
and Agriculture  
Bureau for Science and Technology

Date: 1-14-91

Clearances:  
S&T/AGR:DBathrick DB Date 12-31-90  
S&T/PO:DSeldon \_\_\_\_\_ Date \_\_\_\_\_  
GC/CP:STisa (CStephenson in draft) Date 12/20/90

S&T/AGR:MBlakeney:11/28/90:WANG#:7898e

ACTION MEMORANDUM FOR THE AGENCY DIRECTOR FOR FOOD AND  
AGRICULTURE, BUREAU FOR SCIENCE AND TECHNOLOGY

FROM : S&T/AGR, David Bathrick

SUBJECT: Authorization Amendment for S&T/AGR's Postharvest Grain  
Systems Project 936-4144 (Doc # 41441)

Problem: The centrally-funded Postharvest Grain Systems project  
was authorized on July 12, 1985. Your authorization is requested  
to amend the project as specified below:

- a. to change the final year of obligation from FY 1990 to  
FY 1992;
- b. to change the Project Assistance Completion Date (PACD) from  
9/30/91 to 12/31/92; and
- c. approve justification for amending the cooperative agreement  
with Kansas State University, Food and Feed Grain Institute  
without consideration of other sources.

Discussion: The purpose of this project is to improve the  
capability of LDCs to reduce postharvest cereal and legume  
losses. The Postharvest Grain Systems project is implemented  
through a cooperative agreement (CA) with the Food and Feed Grain  
Institute (FFGI) of Kansas State University (KSU). This CA ends  
February 15, 1991.

In FY 1990 S&T/AGR conducted a study of all postharvest related  
activities in its portfolio to define overall future needs in the  
postharvest area and also to determine if one project could  
integrate effectively the activities now being implemented under  
four postharvest activities. As a result of the study S&T/AGR  
plans to incorporate this project's activities as a component in  
a larger collaborative agricultural support program; however,  
this will not take place until FY 1992. In order to allow for  
continuation of activities without interruption between the  
termination date of the current CA and the start-up time of a new  
project, we propose to extend the CA from February 15, 1991 to  
December 31, 1992 and extend the Project Assistance Completion  
Date (PACD) from September 30, 1991 to December 31, 1992.

Within the postharvest grain system, FFGI staff members are  
involved in four major activity categories: research, technology  
transfer, training, and networking. Research projects are  
carried out to help find solutions to problems occurring in both  
developing and developed countries. Technology transfer involves  
disseminating reports and instructional materials, disseminating  
information from the Postharvest Documentation Service (PHDS),  
responding to technical information requests, providing program

orientation to visitors, and providing on-site technical assistance. Training activities include academic training at KSU, the annual Grain Storage and Marketing Short Course (GSMSC) presented at KSU, and special short courses and programs presented in the U.S. or overseas. Networking activities involve collaboration with research and developmental institutions in undertaking research, training, and special projects.

KSU is conducting research in the area of postharvest grain and legume storage, handling, processing, marketing and related policy matters. KSU is also providing short and long-term training for LDC participants and has established a Postharvest Documentation Center (PHDS) which disseminates reports, information and instruction materials.

The project has met most of its targeted outputs during the past five years. Under the requested extension the project will concentrate on its networking outputs which have not yet been fulfilled. Networking activities are designed to promote collaborative research, technology transfer, and training with national and international institutions involved with postharvest grain systems in LDCs.

Accomplishments: The project developed a Postharvest Documentation Service (PHDS) and has gathered over 20,000 documents which are computerized and available upon request to researchers from LDCs without cost. PHDS distributes approximately 470 documents to LDCs per month. A natural convection dryer for humid countries was developed and applied to drying needs in Belize and Peru and requests for this publication have been numerous. The project has also developed 13 technical and 17 special reports.

Since 1970 the project has presented the annual Grain Storage and Marketing Short Course (GSMSC) on the KSU campus. This course has provided intensive training in grain storage, processing, and marketing to 558 participants from 85 countries. On-campus training was provided in grain storage technology to 42 graduate students. In-country training has been provided by project staff members to 1,049 participants in 21 countries.

Research was provided under the project for 78 projects in the area of grain storage, and handling and grain marketing.

The project has generated buy-in co-financing in 10 countries worth \$2.8 for every dollar of central funding.

Evaluation: An evaluation was conducted in July 1990 and the team recommended continuation of a funding base for the project as soon as possible. The team stated that the project had met most of its targeted outputs during the past five years. With continued S&T core funding, FFGI would be in the best position to assist LDCs, A.I.D. missions and other projects, as well as generate additional sources of funding.

Funding: The Postharvest Grain System project is proposed to be extended through December 31, 1992 at an estimated cost of \$797,000. The current authorized LOP funding is \$3,245,000. To date \$2,315,959 has been obligated. Remaining authorized LOP funding is \$929,041. No increase in the authorization of central funds nor in authorized LOP funding is required.

Justification to Congress: Due to revised Congressional Notification (CN) procedures set forth in the FY 1988 Continuing Resolution and Conference Report, a separate CN is not required for the extension of this project. The FY1991 CP shows \$425,000 for the project.

Authorization Authority: You are authorized, under Delegations of Authority 400 and 850 to amend project authorizations provided that the amendment (a) does not result in a total LOP cost in excess of \$20 million (b) does not represent significant policy issues, and (c) does not require waivers that may only be approved by the Administrator. Also, total LOP may not be extended beyond 10 years. The Authorization Amendment No. 2 is attached.

Implementation Plan: The continuation of services by Kansas State University during this extension period is essential to assure the continuity of research and technical assistance. The cooperative agreement expires February 15, 1991. Your approval is required to amend the cooperative agreement in accord with Handbook 13, 2B.3d., as a follow-on award intended to continue an existing assistance relationship.

During the extension period the project will:

- Complete research aimed at grain drying, storage and preservation of quality.
- Complete research in order to develop more efficient grain marketing systems.
- Train sixty LDC technicians in two academic short courses in grain storage, handling and marketing.
- Publish and disseminate reports on research findings and grain marketing studies in LDCs.
- Conduct three workshops in grain bulk handling and grain warehouse sanitation.

Recommendation: That you sign the attached Project Authorization Amendment 2.

Attachments:

1. Authorization Amendment No. 2
2. Project Data Sheet

Clearances:

S&T/AGR/AP:HHortik	<u>Robert Schafel</u>	Date	<u>27 Dec 90</u>
S&T/AGR:ECarter	<u>Christa Clark</u>	Date	<u>12/27/90</u>
GC/CP:STisa (CStephenson in draft)		Date	<u>12/20/90</u>
S&T/PO:DSeldon	<u>See for</u>	Date	<u>1/11/91</u>

S&T/AGR/AP:<sup>F.M.</sup>FMertens/MBlakeney:11/21/90:WANG#:7898e