

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

APR 10 1989

FROM : S&T/AGR, David Bathrick

SUBJECT: Extension of Final Year of Obligation for Biotechnology
for Tissue Culture project (936-4137)

Problem: Your approval is required to extend the final year of obligation from FY 1988 to FY 1989 and to extend the project assistance completion date (PACD) to September 30, 1990 for the subject project. No other changes are proposed at this time.

Discussion: The Biotechnology for Tissue Culture project, also known as Tissue Culture for Crops (TCCP), was authorized as a five-year activity in July 1984 at a funding level of \$5,000,000 and a PACD of September 30, 1989. The project is implemented through a cooperative agreement (CA) with Colorado State University (CSU) at an estimated total cost of \$5,000,000. S&T/AGR obligated \$3,894,000 through FY 88 for this CA which expires August 31, 1989. The project was evaluated in FY 1988 at CSU by a team which recommended that the project be extended. The team's major recommendation was that TCCP be able to verify the ability of their cell technologies to produce stress - tolerant germplasm at the whole plant level during this extension period. This is directly supportive of the first objective of the CA, which is to expand the field testing of stress tolerant plants developed through tissue culture. This is the most important objective of the project and the one which must be addressed prior to any renewal of this project. The CA will be extended for one-year at a cost of \$650,000 in order to complete extremely important field trials which, due to planting schedules, begin October 1989 and continue through May 1990 with data analysis and summation requiring time through August 1990. In order to obligate funds to continue on-going activities, it is necessary to extend the final year of obligation to FY 1989 and to extend the PACD to September 30, 1990.

S&T/AGR's FY 1989 OYB has \$650,000 for this project as does the FY 1989 CP.

S&T/AGR plans to have a follow-on of this activity in place during FY 1990. The FY 1990 CP has funding for this activity.

Recommendation: That you approve the extension of the authorized final year of obligation to FY 1989 for project 936-4137 and the estimated PACD to September 30, 1990 by signing the attached Project Authorization Form and Project Data Sheet.

Attachments:

1. Project Authorization Form
2. Project Data Sheet

Clearances:

S&T/AGR/AP:HHortik	<u>H Hortik</u>	Date	<u>3/29/89</u>
S&T/AGR/AP:JCohen	<u>J Cohen</u>	Date	<u>3/29/89</u>
GC/CP:STisa	<u>Stephen for ST</u>	Date	<u>3.30.89</u>
S&T/PO:DSheldon	<u>[Signature]</u>	Date	<u>4/11/89</u>

S&T/AGR:MBlakeney:2/28/89:WANG#:5765e

PROJECT AUTHORIZATION AMENDMENT 2

ENTITY : Bureau for Science and Technology
PROJECT TITLE : Biotechnology for Tissue Culture
PROJECT NUMBER: 936-4137

- A. Pursuant to Section 103 of the Foreign Assistance Act of 1961, as amended, the centrally funded Biotechnology for Tissue Culture was authorized on July 6, 1984. That authorization was further amended on August 22, 1988 and is hereby amended as follows:
- a. The final year of obligation is extended to FY 1989 and the estimated project assistance completion date is extended to September 30, 1990.
- B. The authorization cited above remains in force except as hereby amended.

William Furtick

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

Date:

Clearances:

S&T/AGR/AP:JCohen	<i>J. Cohen/NH</i>	Date	<i>3/29/89</i>
S&T/AGR/AP:HHortik	<i>H. Hortik</i>	Date	<i>3/29/89</i>
S&T/AGR:DBathrick	<i>D. Bathrick</i>	Date	<i>3/31/89</i>
GC/CP:STisa	<i>C. Stephen for ST</i>	Date	<i>3/30/89</i>
S&T/PO:DSeldon	<i>D. Seldon</i>	Date	<i>4/11/89</i>

S&T/AGR:MBlakeney:2/28/89:WANG # 5765e

PROJECT DATA SHEET

1. TRANSACTION CODE

A = Add
 C = Change
 D = Delete

Amendment Number

2 1

DOCUMENT CODE

3

COUNTRY/ENTITY

Worldwide

3. PROJECT NUMBER

936-4137

4. BUREAU/OFFICE

S&T/AGR

10

5. PROJECT TITLE (maximum 40 characters)

Biotechnology for Tissue Culture

6. PROJECT ASSISTANCE COMPLETION DATE (PACD)

MM DD YY
 10 9 30 90

7. ESTIMATED DATE OF OBLIGATION

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

A. Initial FY 84

B. Quarter 4

C. Final FY 89

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

A. FUNDING SOURCE	FIRST FY			LIFE OF PROJECT		
	B. FX	C. L/C	D. Total	E. FX	F. L/C	G. Total
AID Appropriated Total	1,100	-	1,100	5,500	-	5,500
(Grant) S&T/AGR	(1,100)	(-)	(1,100)	(5,000)	(-)	(5,000)
(Grant) Missions, RBS and	()	()	()	()	()	()
Other U.S.						
1. AID/W	-	-	-	500	-	500
2.						
Host Country						
Other Donor(s)						
TOTALS	1,100	-	1,100	5,500	-	5,500

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		
WARDN	141I	953		3,894	-	-	-	5,000	-
(2)									
(3)									
(4)									
TOTALS				3,894	-	-	-	5,000	-

10. SECONDARY TECHNICAL CODES (maximum 8 codes of 3 positions each)

073 | 080 | 311 | 312 | 099

11. SECONDARY PURPOSE CODE

111

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

A. Code	R/AG	BS	BR	DEL	TECH
B. Amount	5,000	625	300	312	313

13. PROJECT PURPOSE (maximum 480 characters)

No Change

14. SCHEDULED EVALUATIONS

Interim 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 extend the final year of obligation from FY 1988 to FY 1989 and to extend the project assistance completion date (PACD) to September 30, 1990.

17. APPROVED BY

Signature *William Furtick*
 Title William Furtick
 Agency Director for S&T/FA

Date Signed

MM DD YY
 10 9 13 90

18. DATE DOCUMENT RECEIVED IN AID/W. OR FOR AID/W DOCUMENTS, DATE OF DISTRIBUTION

MM DD YY
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