

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

NOV 10 1988

FROM: S&T/AGR, David D. Bathrick

SUBJECT: Amendment of Soil Management Support Services (SMSS)
project (931-1229)

PROBLEM: Your approval is requested to increase the authorized life of project cost for the subject project from \$8,832,000 to \$8,932,000 and also extend the final year of obligation to FY 89.

DISCUSSION: This project funds a PASA with USDA which has provided support in soil resource management activities. Recently the decision was made to incorporate the activities conducted under this PASA into a new project covering the area of sustainable land productivity in developing countries. A PP will not be completed in time for FY 89 funding of this activity.

It is necessary to extend the final year of obligation from FY 88 to FY 89 and to increase the life of project cost because we will exceed the authorized life of project total with the planned FY 89 obligation of \$440,000. Continuing the present scope-of-work will maintain current momentum of the project and allow time for deciding what changes and focus will be necessary under the new project. The balance in the authorization level of \$340,000 plus an additional \$100,000 would allow for expected expenses to be covered through the project assistance completion date (PACD) of August 30, 1989.

The PACD will remain as August 30, 1989, which does not exceed ten years from the initial obligation of August 31, 1979. The FY 89 CP level is \$660,000; therefore, a congressional notification is not required.

The scope-of-work will remain the same and will include the provision of technical assistance to AID and LDCs to assist in problem identification, evaluation of opportunities, and development of new ideas in the subject areas of soil survey, land use, land use planning and soil conservation. The improvement and revision of Soil Taxonomy to make it more applicable and more acceptable to tropical and subtropical countries will continue. Assistance in developing analytical methodologies in sampling, and in characterization of soils in tropical areas for coordination and quality control in the uniform application of soil classification standards will be provided. Activities will be closely integrated and complementary to other S&T/AGR projects and Mission projects.

These activities will help us provide decision-makers in developing countries with information on soil resources necessary for better focusing of intensive agricultural development. Solid information on soil resources will allow for more appropriate agrotechnology transfer for sustainable agricultural production and maintenance of the integrity of the soil resource base.

Section 621 (a) Justification: The Soil Conservation Service (SCS) has a broad base of expertise in many disciplines in soil resource classification, inventories, and conservation. It has the greatest experience base of any technical U.S. organization in these areas.

The SCS is the only U.S. agricultural service institution with a regional or national focus on soil resources cutting across varied agroclimatic and land resource units and involving a number of field locations. It is the major institution in the domestic soil resource classification network.

There is no private sector institution that has the depth of expertise in the diverse disciplines necessary or with the regional/national focus.

This activity is complementary to the domestic mandate of SCS and will contribute to it.

RECOMMENDATION: It is recommended that you approve the increase of \$100,000 in the authorized LOP funding level to \$8,932,000 and extension of the final year of obligation to FY 1989 by signing the attached PAF amendment.

Attachment:

1. PAF
2. Budget
3. Statement of Work

Clearances: S&T/AGR/RNR: TGill *T. Gill* Date: 11-3-88

PROJECT DATA SHEET

L. TRANSACTION CODE

A = Add
 C = Change
 D = Delete

Amendment Number
3

DOCUMENT CODE
3

COUNTRY/ENTITY
INTERREGIONAL

1. PROJECT NUMBER
931-1229

2. PROJECT TITLE (maximum 40 characters)
SOIL MANAGEMENT SUPPORT SERVICE

3. BUREAU/OFFICE
TYPE C FIELD SERVICE 10

4. PROJECT ASSISTANCE COMPLETION DATE (PACD)
MM DD YY
08 | 3 | 18 | 9 |

5. ESTIMATED DATE OF OBLIGATION
(Under "B" below, enter 1, 2, 3, or 4)
A. Initial FY 7 | 9 | B. Quarter C. Final FY 8 | 9 |

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	607	-	607	8,932	-	8,932
(Grant)	(607)	(-)	(607)	(8,682)	(-)	(8,682)
Other						
U.S. L. BUY-INS				250		250
U.S. 2						
Host Country						
Other Donor(s)						
TOTALS	607		607	8,932		8,932

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	1491	090	8,492		440	1/	8,932	
(2)									
(3)									
(4)									
TOTALS				8,492		440		8,932	

10. SECONDARY TECHNICAL CODES (maximum 3 codes of 3 positions each)
092 | 093 | - | - | - | -

11. SECONDARY PURPOSE CODE
29

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

A. Code	DEL	TECH	TNG	ENVR
B. Amount	2540	3200	2500	1500

13. PROJECT PURPOSE (maximum 480 characters)

To help conserve and manage vital soil resources of the developing countries for agriculture production.

14. SCHEDULED EVALUATIONS

Interim	MM	YY	MM	YY	Final	MM	YY
						01	2 9 0

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.)

This amendment extends final year of obligations for 1 yr to FY-89 including 250,000 for Mission and regional buy-ins and increase life of projects costs to \$8,932,000.

1/ includes 340,000 already approved in previous authorization

17. APPROVED BY

Signature: *William R. Furtick*

Title: Dr. William Furtick
Director for Food and Agriculture

Date Signed: MM DD YY
11 | 21 | 81 | 8

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

STATEMENT OF WORK

Project Title: Soil Management Support Services

Project No: 931-1229

PASA No: BST-1229-10-A9-2178-06

A. Technical Service Component:

Soil Conservation Service (SCS) of U.S. Dept. of Agriculture will provide technical assistance personnel to A.I.D. and LDCs to assist in problem identification, evaluation of opportunities and development of new ideas in the subject area of soil survey, land use planning and soil conservation. The assistance will be provided up to four weeks on a TDY basis (per person/per assignment).

The tasks to be undertaken under this agreement will include the following:

1. Provide professional expertise in formulating appropriate broad policies and programs relating to problems in land use, and land use planning for food production in the LDCs.
2. Give professional technical assistance to LDCs on matters concerning soil surveys, soil conservation and soil management.
3. Participate in reviews or evaluations of proposed or ongoing projects in soil survey, soil conservation and soil management.
4. Organize workshops, seminars and training programs in LDCs to meet program needs.
5. Help create soil fertility awareness, soil testing laboratories, soil fertility interpretation and farmer oriented extension services.
6. Help develop training packages by involving LDC personnel.
7. Provide specific analytical and/or field testing services to the field.
8. Prepare publications on selected aspects of soil management as they affect land use and land use planning in LDCs.

9. Obtain experience and information which will improve the technical transfer portion of the project by obtaining a clearer definition of problems and help to sharpen the focus and set the priorities for technology transfer program.

B. Soil Taxonomy Correlation/Survey Improvement Component:

The Soil Conservation Service of the Department of Agriculture will:

1. Maintain an International Soil Classification and Correlation Staff at Washington, D.C. The staff will work closely with the U.S. Director, Soil Survey Classification and Correlation Division SCS. The function of this staff will be to coordinate revisions to the Soil Taxonomy with the goal of making it more applicable and more acceptable to tropical and subtropical countries. Its functions will include:
 - a. Review proposals for updating the Soil Taxonomy.
 - b. Originate and develop changes in the Soil Taxonomy for use outside the United States.
 - c. Establish and give guidance to international committees dealing with certain facets of the Soil Taxonomy.
 - d. Provide limited on-site assistance in the LDCs for the use of the Soil Taxonomy. Provide technical support in soil classification and correlation to scientists who are involved in the soil survey projects.
 - e. Organize and coordinate international workshops for improving Soil Taxonomy and correlation.
 - f. Publish newsletters to inform committee members and others of any activity for improving Soil Taxonomy and agrotechnology transfer.
 - g. Maintain a comprehensive file of proposals for updating the Soil Taxonomy and supporting documentation.
2. Keep a Research Soil Scientist at National Soil Survey Laboratory (SCS), Lincoln, Nebraska. The soil scientist will work closely with the International Soil Correlation staff and the staff of the National Soil Survey Laboratory (NSSL) to provide for coordination and quality control in the uniform application of soil classification standards. The staff of the NSSL will be available to develop methods and to assist in

sampling and characterization of soils in inter-tropical areas. Its functions will include:

a. Verify analytical procedures and analytical results established by cooperating laboratories for use in soil classification.

b. Develop methods needed for characterizing soils in intertropical areas.

c. Perform analyses needed to define new taxa if sophisticated laboratory facilities are not available in the countries where these soils occur.

d. Help standarize analytical laboratories in tropical nations.

e. Maintain a data bank of representative samples of soil pedons from intertropical areas.

f. Assist in characterizing research sites of IARCs and bilateral projects.

Reports and other material:

All project reports, monographs, proceedings, articles, visual aids, etc. that are distributed beyond A.I.D. offices (50 copies or more) MUST be reviewed by A.I.D. project monitor and approved in writing by A.I.D.'s Communication Review Board prior to publication and must conform to A.I.D.'s regulations that are in effect at that time.

A. The SCS experts will prepare detailed memoranda from time to time as required on issues arising in the course of their duties. Ten (10) copies of such memoranda will be provided to A.I.D. Program Monitor within S&T/AGR.

B. The SCS experts will prepare documents relating to technical assistance project(s) in which they participate. Ten (10) copies of such documents will be provided to A.I.D. Program Monitor.

C. An annual substantive report within 90 days after completion of each 12 months of project activities will be prepared. Forty (40) copies will be provided to A.I.D. Program Monitor. SCS may distribute additional copies to U.S. and international institutes and research organizations.

D. Trip reports (3 copies) are to be submitted to A.I.D. Program Monitor.

E. The USDA/SCS shall submit three copies of all reports, listed as being a product of the RSSA (administrative, progress, final and technical reports, etc.) to the Documentation Coordinator, S&T/DIU, Agency for International Development, Washington, D.C. 20523, or his designee. Such reports shall include a title page showing the title of the report, project title as set forth in this RSSA and the RSSA number. One copy of each report shall be clearly typed or printed on white paper so that it may be photographed to produce a micro-film master. Technical reports shall be accompanied by an author-prepared abstract.

Annual Work Plan:

Within 60 days of signing of the agreement, SCS and C&T/AGR will work out a detailed work plan of the project for the next twelve (12) months. This planning exercise will be repeated each year.

.S&T/AGR/RNR:RMeyer:io:2/4/87:W.4786gX235-8993

7

PROJECT AUTHORIZATION AMENDMENT #3

PART II

ENTITY: Bureau for Science and Technology
PROJECT TITLE: Soil Management Support Services
PROJECT NUMBER: 931 - 1229

1. Pursuant to Section 103 of the Foreign Assistance Act of 1961, as amended, the Soil Management Support Services project which is centrally funded was originally authorized in 1979, amended in 1982 and last amended in 1987. That authorization is hereby amended as follows:
 - a. The approved life of project cost is increased from \$8,832,000 to \$8,932,000, which includes \$250,000 in mission and regional bureaus buy-ins.
 - b. Final year of obligation is extended to FY-89
2. Section 621 (a) Determination:

I hereby determine that the proposed PASA with the USDA Soil Conservation Service (USDA/SCS) qualifies under Section 621(a) of the FAA and is exempt from provisions of OMB Circular A-76 because (1) it is for provision of technical assistance, (2) the Soil Conservation Service is particularly suitable for this scope-of-work, and (3) this action is not competitive with the private sector.
3. This agreement will provide professionally qualified personnel to advise S&T/AGR/RNR, the Regional Bureaus, the Missions and developing countries concerning project development and evaluation as defined in the Scope-of-Work.
4. 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: 11/22/88

Clearances:

S&T/AGR/RNR: TGill: [Signature] Date: 11-3-88
S&T/AGR: EROche: [Signature] Date: 11-8-88
S&T/PO: DSheldon: [Signature] Date: 11-16-88
GC/CP: STisa: [Signature] Date: 11-3-88

Drafted by: ST/AGR/RNR: [Signature] Denita: 10/24/88: WD6269g

8'

SOIL MANAGEMENT SUPPORT SERVICES (SMSS)
ILLUSTRATIVE BUDGET
(Feb-Aug 1989)

Soil Taxonomy/Resource Inventories Workshops, Forums, Publications (09 person months, travel)	\$110,000
Soil Laboratories/Analyses Assistance, Training Soil Database, Site Characteristics (09 p.m., travel, analyses)	\$110,000
Soil Survey/Mapping/Interpretation Training, Resource Maps, Management (07 p.m., travel)	\$090,000
Fragile Lands, Watersheds Conservation, Erosion Workshops, Technical Assistance	\$020,000
Overhead	\$110,000
<u>Total</u>	<u>\$440,000</u>

smss.po/t.021188

9