

AGENCY FOR INTERNATIONAL DEVELOPMENT

PROJECT DATA SHEET

1. TRANSACTION CODE

A = Add
 C = Change
 D = Delete

Amendment Number
 2

DOCUMENT CODE
 3

2. COUNTRY/ENTITY

INTERREGIONAL

3. PROJECT NUMBER

931-1229

4. BUREAU/OFFICE S&T/AGR/RNR

5. PROJECT TITLE (maximum 40 characters)

Type C Field Service 10

Soil Management Support Service

6. PROJECT ASSISTANCE COMPLETION DATE (PACD)

MM DD YY
 08 31 89

7. ESTIMATED DATE OF OBLIGATION
 (Under "B:" below, enter 1, 2, 3, or 4)

A. Initial FY 79

B. Quarter

C. Final FY 88

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	8,832	-	8,832
(Grant)	(607)	(-)	(607)	(8,832)	(-)	(8,832)
(Loan)	()	()	()	()	()	()
Other U.S.						
1.						
2.						
Host Country						
Other Donor(s)						
TOTALS	607		607	8,832		8,832

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	149I	090	7,067		1,765		8,832	
(2)									
(3)									
(4)									
TOTALS									

10. SECONDARY TECHNICAL CODES (maximum 6 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

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 the life-of-project by two years with additional funds totaling \$1,575,000 to be funded incrementally from FY 87 thru FY 88.

1/ Includes \$190,000 already approved in previous authorization.

17. APPROVED BY
 Signature: *Duane Acker*
 Title: Duane Acker
 Director for Food and Agriculture

Date Signed MM DD YY
 08 02 89

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

PROJECT AUTHORIZATION AND REQUEST FOR ALLOTMENT OF FUNDS

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 and amended in 1982. That authorization is hereby amended as follows:

a. The approved life of project cost is increased from \$7,257,000 to \$8,832,000.

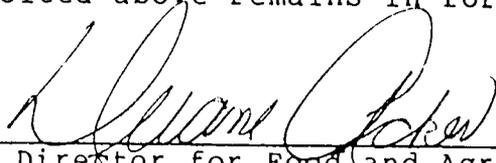
b. The final year of obligation is extended to FY 1988.

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 because, it is (1) for technical assistance, (2) the Soil Conservation Service is particularly suited for this Scope-of-Work, and (3) this action is not competitive with the private sector.

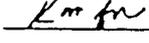
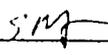
3. This agreement will provide professionally qualified personnel to advise S&T/AGR/RNR, the Regional Bureaus, the Missions and developing countries concerning project development and evaluation as defined in the Scope-of-Work.

4. The authorization cited above remains in force except as hereby amended.



Agency Director for Food and Agriculture
Bureau for Science and Technology

Clearances:

S&T/AGR/RNR: TGilli		Date 31 Mar 87
S&T/AGR: ERoche		Date 4/14/87
S&T/PO: GGower		Date 4/25/87
GC/CP: STISA		Date 4/10/87

S&T/AGR/RNR:RMeyer:io:2/4/87:Revised 3-24-87:ERoche:mdp:W.4786g

AGENCY FOR INTERNATIONAL DEVELOPMENT
WASHINGTON, D.C. 20523

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

FROM: S&T/AGR, David Bathrick

SUBJECT: Amendment of Soil Management Support Services (SMSS)
Project (931-1229) Loc. #000100

Problem: Your approval is requested to increase the authorized life of project cost for the subject project from \$7,257,000 to \$8,832,000 and also extend the final year of obligation to FY 88.

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 an umbrella project covering all soil and water management activities. An initial draft document describing the umbrella project has been completed, but a PP will not be completed in time for FY 87 funding of this activity.

It is necessary to extend the final year of obligation from FY 86 to FY 88 and increase the life of project cost because we will exceed the authorized life of project total with the planned FY 87 obligation. Continuing the present Scope-of-Work will maintain the current momentum of the project and allow time for deciding what changes and focus will be necessary under the umbrella project. As the project is a PASA it can be terminated early if the umbrella documents are finalized rapidly. Expected levels of funding are \$615,000 in the FY 87 OYB and \$660,000 in the FY 88 CP which would require an increase of \$1,275,000 in the LOP total. We have preliminary indication of a \$100,000 buy-in from the India mission and \$100,000 from ANE. We, therefore, ask that a "Ribbon" PASA be put in place so buy-ins can be accommodated. Adding a buffer of \$100,000 would require a total increase in authorization of \$1,575,000.

The PACD will be extended to August 30, 1989, which does not exceed ten years from the initial obligation of August 31, 1979. The FY 87 CP level is \$900,000; therefore, a Congressional Notification is not required.

The Scope-of-Work will remain essentially the same and will include the provision of technical assistance to A.I.D. 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.

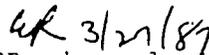
Recommendation: It is recommended that you approve the increase of \$1,575,000 in the authorized LOP funding level to \$8,832,000 and extension of the final year obligation to FY 1988 by signing the attached PAF.

Attachments:

1. PAF
2. Budget
3. Statement of Work

Clearance:

S&T/AGR/RNR: TGill  Date 31 Mar 87

S&T/AGR/RNR:RMeyer:io:2/4/87:Revised:3-24-87:ERoche:mdp:W.4786g 

SOIL MANAGEMENT SUPPORT SERVICES (SMSS)
ILLUSTRATIVE BUDGET

	<u>FY '87</u>		<u>FY '88</u>	
	<u>5/29/87-3/14/88</u>		<u>3/15/88-2/20/89</u>	
	<u>S&T/AGR</u>	<u>BUY-INS</u>	<u>S&T/AGR</u>	<u>BUY-INS</u>
Soil Taxonomy Workshops, Forums, Publications (15 person months, travel)	178,000	25,000	175,000	25,000
Soil Laboratories Assistance, Training Soil Database, Site Characteristics (15 p. m., travel, analyses)	140,000	25,000	150,000	25,000
Soil Mapping/Correlation Training, Maps; Expt'l Sites (5 p.m., travel)	50,000		60,000	
Survey Interpretation Resource Maps, Management (5 p.m., travel)	50,000	50,000	60,000	50,000
Watersheds, Fragile Lands Conservation, Erosion Workshops, Technical Assistance	25,000	8,000	30,000	8,000
Overhead	172,000	42,000	185,000	42,000
<u>Total (S&T/AGR)</u>	<u>615,000</u>		<u>660,000</u>	
Buy-Ins		150,000		150,000
GRAND TOTAL	765,000		810,000	

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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 S&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

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