

FD-AMT-727
59463

MAR 17 1989

SENIOR ASSISTANT ADMINISTRATOR

ACTION MEMORANDUM FOR THE ADMINISTRATOR

THRU: AA/PPC, R. E. Bissell *RB*
FROM: SAA/S&T, N. C. Brady *NCB*
SUBJECT: Extension of the Soil Management Support Services (SMSS) Project (931-1229), (Doc. No. 122902)

PROBLEM: Your approval is required to extend the project assistance completion date (PACD) of subject project beyond ten years to September 30, 1991. We also request your approval for an increase in the life-of-project (LOP) cost from \$8,932,000 to \$9,732,000 and to extend the final year of obligation to FY 1990.

DISCUSSION: The subject project funds a participating agency service agreement (PASA) with the United States Department of Agriculture (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 umbrella-type network project in soil and water research and development. This concept was unanimously supported by the Agency's Agricultural Sector Council. This project will bring greater focus and improve coordination and thus make more efficient and effective our soil and water management projects. This process will require more time to develop the technical analysis and program considerations with our collaborators. Thus, we prefer to extend the SMSS project in order to have the time to work this element within the new project. The new network project design will not be completed in time for FY 1990 funding of this ongoing project.

RECOMMENDATION: That you approve the increase in the authorized life-of-project funding by \$800,000 to \$9,732,000, extend the final year of obligation to FY 1990 and the project assistance completion date (PACD) to September 30, 1991 by signing the attached project authorization amendment.

- Attachments: 1. PAF, Part II
2. Budget
3. Statement of Work
4. Logical Framework

Clearances: GC:HMFry *HMF* Date 3/16/89
GC/CP:STisa *sup* Date 2/3/89
PPC/PB:ABaker *AB* Date 3/22/89

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Clearances:

S&T/AGR:GStandrod draft Date 2/28/89
S&T/AGR:DBathrick draft [Signature] Date 2/28/89
S&T/PO:DSeldon draft [Signature] Date 3/0/89
S&T/FA:WFurtick [Signature] Date 3/6/89
DAA/S&T:EChiavaroli [Signature] Date 3/10/89

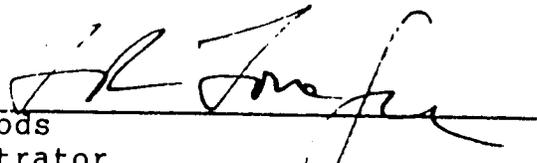
Drafted by: S&T/AGR/RNR:RMeyer:6570g:2431d:2/3/89
Revised by: S&T/PO:2/25/89:W2431d
Revised by: S&T/PO:3/03/89

PROJECT AUTHORIZATION AMENDMENT #4

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, 1987 and 1988. That authorization is hereby amended as follows:
 - a. The authorized life-of-project cost is increased from \$8,932,000 to \$9,732,000, which includes \$250,000 in mission and regional bureau buy-ins.
 - b. The authorized final year of obligation is extended to FY 1990 and the PACD to September 30, 1991.
2. The authorization cited above remains in force except as hereby amended.


Alan Woods
Administrator
Agency for International Development

DATE: 3/23/89

Clearances:

| | | | |
|--------------------|---------|------|---------|
| S&T/AGR/RNR: TGill | draft | Date | 2/28/89 |
| S&T/AGR: GStandrod | draft | Date | 2/28/89 |
| S&T/AGR: DBathrick | draft | Date | 2/28/89 |
| S&T/PO: DSheldon | draft | Date | 3/06/89 |
| GC: STisa | sm subs | Date | 2/03/89 |
| GC: HMFry | AKM | Date | 3/14/89 |
| PPC/PB: ABaker | AS for | Date | 3/20/89 |
| AA/FPC: RBissell | BFB | Date | 3/22/89 |

PROJECT DATA SHEET

L TRANSACTION CODE

C
A = Add
C = Change
D = Delete

Amendment Number
4

DOCUMENT CODE

3

COUNTRY/ENTITY Interregional
3. PROJECT NUMBER 931-1229

4. BUREAU/OFFICE Type C Field Service 10
5. PROJECT TITLE (maximum 40 characters) Soil Management Support Service

6. PROJECT ASSISTANCE COMPLETION DATE (PACD) MM DD YY 019 | 3 | 09 | 11
7. ESTIMATED DATE OF OBLIGATION (Under "E" below, enter 1, 2, 3, or 4)
A. Initial FY 7 | 9 B. Quarter 2 C. Final FY 9 | 01

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 (Grant) | 607 | | 607 | 9,732 | | 9,732 |
| Other U.S. | (607) | () | (607) | (9,482) | () | (9,482) |
| 1. Buy-ins | | | | 250 | | 250 |
| 2. | | | | | | |
| Host Country | | | | | | |
| Other Donor(s) | | | | | | |
| TOTALS | 607 | | 607 | 9,732 | | 9,732 |

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 | 8,932 | | 800 | | 9,732 | |
| (2) | | | | | | | | | |
| (3) | | | | | | | | | |
| (4) | | | | | | | | | |
| TOTALS | | | | 8,932 | - | 800 | - | 9,732 | |

10. SECONDARY TECHNICAL CODES (maximum 8 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

Insertion MM YY MM YY Final MM YY
012 | 9 | 01

15. SOURCE/ORIGIN OF GOODS AND SERVICES

XXX000 Int Local Other (Specify)

16. AMENDMENTS/NATURE OF CHANGE PROPOSED (This is page 1 of a _____ page PP Amendment)

This amendment extends the final year of obligation of the project by one (1) year from FY 1989 to FY 1990, increases the LOP cost by \$800,000, and extends the PACD to 9/30/91.

17. APPROVED BY

Signature
William Furtick
Title Dr. William Furtick
Director for Food and Agriculture

Date Signed MM DD YY
11 | 16 | 91

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

MM DD YY
11 | 16 | 91

SOIL MANAGEMENT SUPPORT SERVICES (SMSS)
ILLUSTRATIVE BUDGET
01 October 89 to 30 September 90

| | |
|--|------------------|
| Soil Taxonomy/Resource Inventories Workshops, Forums, Publications (18 person months, travel) | \$190,000 |
| Soil Laboratories/Analyses Assistance, Training Soil Database, Site Characteristics (18 p.m., travel, analyses) | \$180,000 |
| Soil Survey/Mapping/Interpretation Training, Resource Maps, Management (15 p.m., travel) | \$135,000 |
| Fragile Lands, Watersheds Conservation, Erosion Workshops, Technical Assistance, Publications (5 p.m., travel) | \$ 95,000 |
| Subtotal | \$600,000 |
| Overhead | \$200,000 |
| <u>Total</u> | <u>\$800,000</u> |

Project Title: Soil Management Support Services

Project No: 931-1229

PASA No: BST-1229-X-AG-7051-00

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.4786gX235-899:

PROJECT DESIGN SUMMARY
LOGICAL FRAMEWORK

Life of Project:
From FY 80 to FY 87
Total U. S. Funding \$7,377,000
Date Prepared: 3/82

Project Title: Soil Management Support Services (PASA No. AG/DSB-1129-5-79)

| NARRATIVE SUMMARY | OBJECTIVELY VERIFIABLE INDICATORS | MEANS OF VERIFICATION | IMPORTANT ASSUMPTIONS |
|---|---|--|---|
| <p>Program or Sector Goal: The broader objective to which this project contributes:</p> <p>Goal: To increase the LDC's capability to expand production, utilization, and distribution of food supplies to alleviate hunger and malnutrition.</p> <p>Purpose: To help develop the prerequisites for soil based agrotechnology transfers among tropical and subtropical countries.</p> | <p>Measures of Goal Achievement:</p> <ol style="list-style-type: none"> 1. LDC's use <u>Soil Taxonomy</u> as basis for their soil resource inventories. 2. USAID country missions and institutions in LDC's request and use services of SMSS. | <ol style="list-style-type: none"> 1. International surveys 2. USAID Missions | <p>Assumptions for achieving goal targets:</p> <ol style="list-style-type: none"> 1. Adequacy of <u>Soil Taxonomy</u> as a basic document for agrotechnology transfer. 2. A ready pool of soil scientists available to serve the technical assistance component of program. |
| <p>Project Objectives:</p> <ol style="list-style-type: none"> 1. To provide soil related technical assistance to AID and LDC to assist national staff. 2. Develop relationship with national institutions agrotechnology transfer. 3. Improve interpretation potential of soil resource inventories. 4. Refine <u>Soil Taxonomy</u> for its better use in the <u>Intertropical</u> areas. | <p>Conditions that will indicate purpose has been achieved: End of project status.</p> <ol style="list-style-type: none"> 1. Appropriate technical personnel provided promptly on request. 2. Contacts established with LDC scientists and decision makers. 3. International workshops and training courses organized. 4. International committees established. | <ol style="list-style-type: none"> 1. Annual reports, progress reports 2. Files of SMSS 3. Reviews of participants and/or AID Missions 4. Circular letters 5. Country adoption of recommendations 6. <u>Soil Taxonomy</u> amended | <p>Assumptions for achieving purpose:</p> <ol style="list-style-type: none"> 1. Contingent on requests from USAID or countries. 2., 3. Continuing SCS support for internationalization of <u>Soil Taxonomy</u>. 4. Cooperation of participating countries. |
| <p>Outputs:</p> <ol style="list-style-type: none"> 1. SCS and other experts sent on TDY to LDC's. 2. International committees 3. International workshops 4. Regional training courses 5. Newsletter 6. Monographs 7. Help strengthen national soil labs in LDC's. | <p>Magnitude of Outputs:</p> <ol style="list-style-type: none"> 1. 30-50 person-months per year 2. 8 committees operational 3. one per year 4. 1-2 per year 5. 2-4 per year 6. 3-6 per year 7. 5-10 man-months per year | <ol style="list-style-type: none"> 1. TDY reports of experts; USAID reports; country reports 2. Committee circulars 3. Proceedings, tour guide 4. Training manual 5. Newsletter 6. Monographs 7. National labs use U.S. standards | <p>Assumptions for providing outputs:</p> <ol style="list-style-type: none"> 1. Requests from USAID Missions and countries 2., 3., 4. Contingent upon establishment of justified need and support from cooperators and countries. 5. Support staff available 6. Established need and willingness of potential authors. 7. Requests from countries. |
| <p>Inputs:</p> <ol style="list-style-type: none"> 1. Professional staff of SMSS. 2. Technical and administrative staff. 3. Professional and technical consultants. 4. Laboratory, computer and library facilities. 5. Financial support 6. Project management (ST/AGR) | <p>Implementation Target (Type and Quantity)</p> <ol style="list-style-type: none"> 1. 180 work-months 2. 120 work-months 3. 150 work-months 4. Adequate for project 5. \$5,250,000 in 5 years 6. Adequate | <ol style="list-style-type: none"> 1-4. Annual report, onsite reviews, project documents 5-6. AID records and reports | <p>Assumptions for providing inputs:</p> <ol style="list-style-type: none"> 1., 2., 4. SCS facilities accessible to project personnel. 3. Qualified technical and professional personnel easily available. 5., 6. AID funding and project management provided. |