

PIO/T

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

☐ Worksheet ☒ Issuance

PAGE 1 OF 9 PAGES

1. Cooperating Country
Brazil

2. PIO/T No.
512-122.8-3-00486

3. Project/Activity No. and Title 512-11-99-122.8

Capital Project Formulation

4. Appropriation Symbol
72-1101010

5. a. Allotment Symbol & Charge
095-50-512-00-69-13

5. b. Funds Allotted to:
☐ AID/W ☒ Mission

6. Obligation Status

☐ Administrative
Reservation

☐ Obligation

☒ Sub-Obligation

7. ☒ Original or

Amendment No. 1

8. No. of Technicians
4

9. Services to Start (Mo., Day, Yr.)
Between: 1-1-71 And: 6-1-71

10. Duration (Months)

a. Of Services 2 b. Of Financing 2

11. a. Type of Action

☒ AID Contract

☐ Cooperating

☐ Country Contract

☐ Participating Agency

☐ Service Agreement

☐ Other

11. b. Authorized Agent

AID/Washington

Financing	A. Previous Total	B. Increase	C. Decrease	D. Total to Date
\$1.00 =				
12. AID Financing				
a. Dollars		\$ 34,000		\$ 34,000
b. U.S.-Owned Local Currency				
13. Cooperating Country Contributions				
a. Counterpart				
b. Other				

14. Mission
References

15. Objective for which the Technical Services are to be used (Describe)

To examine local conditions relevant to manioc research, productivity, quality, utilization, processing, storage and marketing. Such examination is intended as groundwork preliminary to a program in the NE agricultural sector aimed at making improvements in the above.

16. Mission Clearances

E. Ewer - NEAR

W. Rodgers - ARDO

D. Johnson - ADCD

M. Frazee - HNEB

17. Date of Original Issuance

Date

11/10/70

11/13/70

Mission Clearances

MGSC - PRPC WTS

CONT - ANemecek RSM for

MGSC - RGarlock RG

Date

10-17-70

11-19-70

11-10-70

18. Date of this Issuance

November 20, 1970

19. For the Cooperating Country

The terms and conditions set forth herein are hereby agreed to:

20. For the Agency for International Development

Lawrence Odle

Lawrence Odle
SIGNATURE

Assistant Director for Management

TITLE

SIGNATURE

DATE

TITLE

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

☐ Worksheet☒ Issuance

PAGE 2 OF 9 PAGES

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

Cooperating Country
Brazil

PIO/T No.

512-122.8-3-00486

Project/Activity No. and Title 512-11-993-122 8

Capital Project Formulation

SCOPE OF WORK

21. Scope of Technical Services

A. Description

1. Research

a. Examine possibilities for more local research, plant breeding and varietal testing aimed at improving yields per hectare and the basic food value of manioc.

b. Examine the need for additional technical training for researchers, and develop a training program designed to satisfy any needs.

2. Productivity

a. Investigate the possibilities of expanding and improving the production of manioc in representative areas of Northeast Brazil, including a rather careful analysis of soil and water relationships.

b. Examine and evaluate local research as pertains to manioc productivity.

Assess the adequacy of such research to support an extension program for manioc improvement

B. Technicians

(d) Duration (cont'd)
of Assignment
(Man-Months)

(1) (a) Number

(b) Specialized Field

(c) Grade and/or Salary

1	Research Extension Specialist	\$ 24,000 PER/A	2
1	Production Economist	\$ 24,000 PER/A	2
1	Food Technology and Processing Specialist	\$ 24,000 PER/A	2
1	Marketing Specialist	\$ 24,000 PER/A	2

(2) Duty Post and Duration of Technicians' Services

Recife, with travel throughout the Northeast as necessary and requested.

(3) Access to Classified Information

Technicians are not expected to need access to classified information

(4) Dependents

☐ Will☒ Will Not

Be Permitted to Accompany Technician s

C. Financing Costs of Technical Services

(1) By AID - \$ 34,000

(2) By Cooperating Country - N A

PIO/T

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENTPROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICESCooperating Country
BrazilPIO/T No.
512-122.8 -3-00486

Project/Activity No. and Title 512-11-995-122.8

Capital Project Formulation

22. Equipment and Supplies (Related to the services described in Block 21 and to be procured outside the Cooperating Country by the supplier of these services)

A. (1) Quantity

(2) Description

(3) Estimated Costs

None

B. Financing Costs of Equipment and Supplies

(1) By AID - \$ None

(2) By Cooperating Country - None

23. Instructions to Authorized Agent

AID/W is requested to negotiate a task order with the University of Georgia as per the conditions of the Technical Assistance Bureau's World Wide Contract with that institution, to provide advisory services in Brazil as described in Block 21-A of this PIO/T, and in accordance with the specifications and budgets contained in this PIO/T.

24. Special Provisions

1. This PIO/T is subject to AID contracting regulations.
2. Except as specifically authorized by AID/W or when local hire is authorized under the terms of the contract with a U. S. supplier, services under this PIO/T must be obtained from U. S. sources.

PIO/T

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

☐ Worksheet ☒ Issuance

PAGE 4 OF 9 PAGES

Cooperating Country
Brazil

PIO/T No.
512-122.8-3-00486

Project/Activity No. and Title 512-11-995-122.8

Capital Project Formulation

25. Reports by Supplier of Services (Indicate type, content and format of reports required, including language to be used if other than English, frequency or timing of reports and any special requirements)

A draft report of the findings and recommendations of the Georgia University team will be furnished to USAID/NEAO at least two weeks before completion of the field assignment. A loan officer will assist the team in developing a report format of maximum use for Mission purposes.

Twenty copies of a final report, which incorporates NEAO reaction to the draft report, will be submitted within thirty days after completion of the field assignment.

26. Availability of Background Information (Additional information useful to Authorized Agent and Prospective Suppliers; if necessary, cross reference Block 21.E(3) above)

Background information will be made available from USAID/NEAO files as well as the files of the following cooperating Brazilian agencies:

IPEANE - Institute of Applied Economic Research
IPA - Institute for Agricultural Research
SUDENE - Superintendency for the Development of the Northeast
UFC - Federal University of Ceara
BNB - Bank of Northeast Brazil
ANCAR - Northeast Association for Rural Credit and Assistance

27. Relationships of Supplier to Cooperating Country and to AID.

A. Relationships and Responsibilities

Technicians will work with staffs of organizations in block 26 in performing the study, and will be responsible to the Director, USAID/Brazil, the chiefs of NEAR and ARDO and/or their designees.

B. Cooperating Country Liaison Official

Antonio de Freitas Lucas - SUDENE/DAA/Director

C. AID Liaison Officials

E. Bowen, NEAR and W. Rodgers, ARDO, USAID/Brazil

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

☐ Worksheet☒ Issuance

PAGE 5 OF 9 PAGES

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

Cooperating Country

Brazil

PIO/T No.

512-122.8-3-00486

Project/Activity No. and Title 512-11-99-122.8

Capital Project Formulation

LOGISTIC SUPPORT

28. Provisions for Logistic Support

A. Specific Items (Insert "X" in applicable column at right. If entry needs qualification, insert asterisk and explain below in C. "Comments")

	In Kind Supplied By		From Local Currency Supplied By	
	AID	Cooperating Country	AID	Cooperating Country
(1) Office Space	X			
(2) Office Equipment	X			
(3) Housing and Utilities				
(4) Furniture				
(5) Household Equipment (Stoves, Refrig., etc.)				
(6) Transportation in Cooperating Country				
(7) Interpreter Services	X			
Other: (Specify) (8) Secretarial	X			
(9)				
(10)				
(11)				
(12)				
(13)				
(14)				
(15)				

B. Additional Facilities Available From Other Sources

APO, PX and commissary privileges will be extended to U.S. citizen contract employees in accordance with local regulations, as from time to time amended.

C. Comments

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT☐ Worksheet☒ Issuance

PAGE 6 OF 9 PAGES

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICESCooperating Country
BrazilPIO/T No.
512-122 8-300,86

Project/Activity No. and Title 512-11-995-122 8

Capital Project Formulation

FINANCIAL AGREEMENT

29. A. Cooperating Country Financing

Pursuant to paragraph _____ of the ☐ PROAG or ☐ Other underlying document signed on _____ and subject to the amount shown in Block 13.D above, the Cooperating Country will provide all local currencies required for the expenditures within the country, during the period starting on the Date of this Issuance (Block 18 above) and ending on the Final Contribution Date of the [PROAG or other enabling document]: _____ authorized under this Project Implementation Order, with the exception of the following types of expenditures, which AID hereby agrees to assume:

N. A.

B. As of the effective date of any contract or agreement executed under this Order, the country will establish in the name of the supplier of the services described herein, a local currency advance in the amount of: _____

30. AID Financing

Pursuant to the provisions of the above-referenced Project Agreement or other document, and subject to the limitation of the Total to Date as shown in Block 12.D above, AID will provide all U.S. Dollar Currencies required for expenditures, during the period starting on the Date of this Issuance (Block 18 above), and ending on the Final Contribution Date of December 31, 1971 authorized under this Project Implementation Order, with the exception of the following types of expenditures which the Cooperating Country hereby agrees to assume:

N. A.

1 (0-63) CONTINUATION SHEET	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	☐ Worksheet ☒ Issuance	PAGE 7 OF 9 PAGES
FORM SYMBOL	TITLE OF FORM	1. Cooperating Country Brazil	2.a. Code No. 512-122 8-3-00,86
PIO/T	PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	2.b. Effective Date	2.c. ☒ Original OR ☐ Amendment
		3. Project/Activity No. and Title 512-11-995-122.8 Capital Project Formulation	
Indicate block numbers.	Use this form to complete the information required in any block of a PIO or PAA form.		
Block 21-A (continued)	c Examine the need for full-time or part-time U.S. personnel to work in a manioc improvement program either in research or extension.		
	d Identify the major problems and constraints that diminish manioc productivity in the Northeast, and make recommendations as to how to overcome them.		
	e Review and analyze local economic data regarding manioc production and, as needed, make other analysis concerning cost of production, returns per hectare, etc.		
	f Explore possibilities for more profitable alternative land use.		
	g Examine the possibility of alternative planting dates to ensure a more constant flow of manioc of market.		
	h Project cost/return relationships resulting from the use of modern inputs and technology such as fertilizer, improved plant material, etc.		
	i Examine the need for additional technical training relevant to manioc productivity and develop a training program designed to satisfy needs.		
	3 Quality, Utilization and Processing		
	a Explore the possibilities for utilization of plant tops as a feed or feed ingredient.		
	b Explore possibilities of increasing local use of manioc as a food staple, and as a feed ingredient.		
	c Examine the need for additional technical training relevant to manioc quality, utilization and processing and develop a training program designed to satisfy needs.		
	4 Storage and Marketing		
	a In collaboration with local consultants examine possibilities for improving the storage, marketing and processing of manioc. This will include a study of existing storage methods and facilities, flow of the product to market, and processing techniques.		

CONTINUATION
SHEET

FORM SYMBOL

PIO/T

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

TITLE OF FORM

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES☐ Worksheet☒ Issuance

PAGE 8 OF 9 PAGES

1. Cooperating Country
Brazil2.a. Code No.
512-122.8-3-00486

2.b. Effective Date

2.c. Amendment
☒ Original OR No:

3. Project/Activity No. and Title 512-11-995-122.8

Capital Project Formulation

Indicate block
numbers.

Use this form to complete the information required in any block of a PIO or PAA form.

Block 21-A
(continued)

- b. Explore possibilities for expanding manioc exports to U.S., European and other LA markets, principally as a livestock feed ingredient.
- c. Examine the need for additional technical training relevant to manioc storage and marketing, and develop a training program designed to satisfy needs.

000-1 (8-63)	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	☐ Worksheet ☒ Issuance	PAGE 9 OF 9 PAGES
CONTINUATION SHEET		1. Cooperating Country Brazil	2.a. Code No. 512-122.8-3-00486
FORM SYMBOL	TITLE OF FORM	2.b. Effective Date	2.c. ☒ Original ☐ Amendment OR No.:
PIO/T	PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	3. Project/Activity No. and Title 512-11-995-122.8 Capital Project Formulation	

Indicate block
numbers.

Use this form to complete the information required in any block of a PIO or PAA form.

USAID APPROVED DOLLAR BUDGET
(ESTIMATED)

A) 1. SALARIES \$ 16,000

- a) Research Extension Specialist \$ 4,000
- b) Production Economist 4,000
- c) Food Technology and Processing Specialist 4,000
- d) Marketing specialist 4,000

2. Personal Benefits (20% of salaries) 3,200

3. Post Differential (10% of salaries after the 43rd day in Brazil) 455

B) TRAVEL AND PER DIEM 12,640

1. International Travel (4RT) 3,600

2. Local Travel 4,000

3. Per Diem (\$ 21 x 240 days) 5,040

\$ C) CONTINGENCIES 1,000

D) PRINTING & REPRODUCTION 500

Total \$ 33,795

Rounded to : \$ 34,000

\$ To cover per diem rates for time spent in U.S. and other parts of Brazil where rates are higher than Recife area, etc