



AGENCY FOR INTERNATIONAL DEVELOPMENT

UNITED STATES AID MISSION TO PERU

C/O AMERICAN EMBASSY

LIMA, 1 PERU

TELEPHONE: 286200

CABLE: USAID/LIMA

June 26, 1986

Mr. Carlos Fitts
Administrative Director
Instituto de Investigación Nutricional
Av. La Universidad s/n.
La Molina
Lima, Perú

Subject: IIN: Private Sector Nutrition/Child Survival
Grant No. 527-0308-G-00-6583-00

Dear Mr. Fitts:

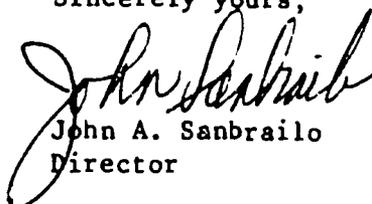
Pursuant to the authority contained in the Foreign Assistance Act of 1961, as amended, the Agency for International Development (hereinafter referred to as "A.I.D." or "Grantor") hereby grants to the Instituto de Investigación Nutricional (hereinafter referred to as "IIN" or "Grantee"), the sum of U.S.\$914,000 to provide support for three activities which are part of a comprehensive collaborative program of research and training in acute diarrhea and nutrition entitled "Private Sector Nutrition/Child Survival", as more fully described in the Schedule of this Grant and the Attachment 2, entitled "Program Description."

This Grant is effective and obligation is made as of the date of this letter and shall apply to commitments made by the Grantee in furtherance of program objectives during the period beginning with the effective date and ending December 31, 1988.

This Grant is made to the IIN on condition that the funds will be administered in accordance with the terms and conditions as set forth in Attachment 1 entitled the "Schedule," Attachment 2 entitled "Program Description," Attachment 3 entitled "Mandatory Standard Provisions," and Attachment 4 entitled "Optional Standard Provisions," which have been agreed to by your organization.

Please sign all six (6) copies of this Letter of Agreement which acknowledges your acceptance of the Grant and the conditions herein established. Five (5) copies should be returned to A.I.D.

Sincerely yours,

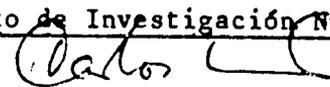

John A. Sanbrailo
Director

Attachments:

1. Schedule
2. Program Description
3. Mandatory Standard Provisions
4. Optional Standard Provisions

ACKNOWLEDGED:

Instituto de Investigación Nutricional

BY: 

Carlos Fitts

Title: Administrative Director

Date: JUNE 26, 1986

FISCAL DATA:

Appropriation : 72-1161021
Budget Plan Code : LDAA-86-25527-CG13
Project No. : 527-0308
Total Estimated Amount : \$ 914,000
Total Obligated Amount : \$ 914,000
Funding Source : USAID/Peru

SCHEDULE

A. Purpose of Grant

The purpose of this Grant is to provide support for three activities which are part of a comprehensive collaborative program of research and training in acute diarrhea and nutrition entitled "Private Sector Nutrition/Child Survival," as more specifically described in Attachment 2 to this Grant entitled "Program Description."

B. Period of the Grant

The effective date of this Grant is the day of its signature. The expiration date of this Grant is December 31, 1988.

C. Amount of Grant and Payment

1. AID hereby obligates the amount of \$ 914,000 for purposes of this Grant.

2. Payment shall be made to the Grantee in accordance with the procedures set forth in Attachment 4, Optional Standard Provision 1, entitled "Payment- Periodic Advance."

D. Financial Plan

1. The following is the Financial Plan for this Grant, including local cost financing items, as authorized. Revisions to this Budget shall be made in accordance with Mandatory Standard Provision 4 of this Grant, entitled "Revision of Grant Budget."

Grant Budget

(U.S. Dollars)

(Obligated amount from 6/26/86 to 12/31/88)

	<u>U.S. Dollar Costs</u>	<u>Local Currency Costs</u>	<u>Total</u>
I. Training:			
Personnel	-----	142,220	142,220
Material/Equipment	50,000	53,900	103,900
Travel/Transport/Per Diem	-----	58,110	58,110
Other Direct Admin. Costs	-----	60,846	60,846
Sub-Total	<u>50,000</u>	<u>315,076</u>	<u>365,076</u>
II. DMD			
Personnel	-----	48,600	48,600
Office Expenses/Equip.	-----	6,822	6,822
Travel/Transport/Per Diem	-----	32,600	32,600
Intensive Training	8,000	144,750	152,750
Clinical Studies	14,000	36,000	50,000
Other Direct Admin. Costs	-----	58,152	58,152
Sub-Total	<u>22,000</u>	<u>326,924</u>	<u>348,924</u>
III. ADDR			
Personnel	-----	84,695	84,695
Office/lab supplies	31,825	12,500	44,325
Equipment	27,056	-----	27,056
Transportation/Per Diem	-----	15,100	15,100
Other Direct Admin. Costs	-----	28,824	28,824
Sub-Total	<u>58,881</u>	<u>141,119</u>	<u>200,000</u>
TOTAL	130,881	783,119	914,000

2. The following is the IIN contribution to the project:

IIN Counterpart:	350,000	350,000
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F. Reports and Evaluations

1. Quarterly Progress Reports

The Grantee will submit to USAID Project Manager quarterly progress reports on all three project activities and their financial status. The reports should summarize:

- a) progress in relation to targets;
- b) problems encountered and proposed solutions;
- c) expenditures by line item and any significant changes in project costs or budget; and
- d) activities scheduled for the next quarter.

2. Evaluations

A mid-term, formative evaluation and a final impact evaluation will be carried out and results submitted to the USAID Project Manager, in English and Spanish. The mid-term evaluation should discuss implementation activities, recommend any modifications in project schedule, and indicate possible impact results expected at end of project. The final evaluation will summarize the project's on-going research and training activities and determine what impact the project has had on improving health status of children under five years old and their mothers. It should also make recommendations to USAID for use of research data, materials and techniques developed under the project.

G. Special Provisions

The Standard Provisions of this Grant are the Attached:

Mandatory Standard Provisions, for Non-U.S. Nongovernmental Grantees (OMB Control No. 0412-0510, expiration: 1/31/87), Nos. 1-13 apply.

Optional Standard Provisions for Non-U.S. Nongovernmental Grantees (OMB Control No. 0412-0510 expiration: 1/31/87) apply as follows: 1, 3, 4, 5, 6, 7, 8, 9, 14, 17, and 20.

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ATTACHMENT 2

PROGRAM DESCRIPTION

I. Purpose of the Grant

The overall purpose of this Grant is to reduce child mortality and morbidity in Peru by improving the effectiveness and delivery of Child Survival interventions, particularly those related to ORT and treatment of diarrhea. The immediate purpose is to improve the nutritional and health status in urban and rural areas by:

- 1) promoting applied, results-oriented research on the causes and control of diarrhea in rural and peri-urban areas, including studies pertaining to traditional beliefs and feeding practices affecting the dietary management of diarrhea and ORT programs; and
- 2) training nutritionists, trainers, and health workers to increase the nutritional impact of Title II feeding programs for the most vulnerable population groups.

II. Objectives

1. To increase awareness of and to improve the delivery of Child Survival interventions by training PVO and MOH administrators, health professionals, nutritionists, and community health workers.
2. To gather field data regarding the causes and treatment of acute diarrhea (including traditional beliefs, feeding practices, and culturally acceptable interventions for dietary management of diarrheal episodes).
3. To increase the participation of Peruvian health professionals in field and clinical research on diarrheal diseases.

III. Background Information and General Description of Program Activities

A. Background

In Peru, over one million pre-school age children suffer from chronic malnutrition, and nearly 100,000 children in this age group die each year. Another 500,000 children are at risk of death due to poor nutritional status. Diarrheal diseases are a leading cause of chronic malnutrition and death, and are one of the most important causes of hospitalization and consultation with the health professionals. To address some of the problems of malnutrition and acute diarrhea in Peru, USAID has supported several technical assistance, applied research, and training activities over the past two years.

1) Nutritionist/Trainer Training

In an effort to improve the nutritional impact of Title II food distributions in Peru, the Instituto de Investigación Nutricional (IIN), under a Specific Support Grant with USAID (Nutrition Amendment to project 527-0219) trained 74 nutritionists/trainers from four private voluntary organizations (PVOs) and two public agencies during 1984 and 1985 in such Child Survival activities as: growth monitoring; basic child nutrition (including breastfeeding, proper weaning practices, and promotion of a balanced diet); preventive health care; ORT; infant stimulation; program management techniques; adult education methodologies; and effective means of selecting, training, and supervising health promoters. These organizations were provided with training manuals, growth charts, and infant weighing scales for use in their community-based health projects.

The training program was highly successful and continued support has been requested by these same MOH and private voluntary organizations to provide follow-up technical assistance in the establishment of administrative and data management systems, and to extend the nutrition training activities to regional sites outside of Lima.

In addition, two research activities in the pueblos jóvenes of Lima were conducted under the Nutrition Amendment: one analyzing results of a weaning foods study, and the other investigating beliefs and feeding practices of mothers of children with diarrhea. Based on the results of these studies, pilot training materials for health promoters working with urban communities have been developed and are currently being tested.

While greater public health efforts are necessary to instruct health professionals, community health promoters, and mothers in Child Survival techniques (especially ORT and improved nutrition), further field research must be done to identify the major causes of malnutrition and infant mortality in Peru and appropriate interventions to reduce infant and child mortality.

2) Dietary Management of Diarrhea (DMD)

The DMD project began as an FY 85 Child Survival Initiative of the S&T Bureau's Office of Nutrition. The AID/W project is currently supporting an intensive research effort regarding beliefs and practices for feeding children during and after episodes of acute diarrhea in the valley of Huaraz, Department of Ancash. The study began in February 1986 and will continue through October 1988. The field work is supplemented by clinical studies conducted by the IIN to measure the clinical and nutritional effects of alternative feeding regimens that have been developed based upon the anthropological data.

USAID/Peru will now provide support for complementary local cost activities to: 1) expand the research to gather comparative data in a pueblo joven of Lima; 2) carry out training courses for health professionals (doctors, nurses, medical researchers) to explain DMD research activities, their implications for the national health program, and strategies for communicating these findings to local health workers; 3) develop messages for promoting proper dietary management of diarrhea in the home; and 4) support training courses for Peruvian medical professionals in DMD and diarrheal research.

3) Applied Diarrheal Disease Research (ADDR)

It has been demonstrated that an appropriate dietary management of an acute diarrhea episode (i.e. continuous feeding) can prevent negative nutritional consequences on the child (such as lack of growth or mental retardation). There is an urgent need to incorporate within the National Diarrheal Disease Control Program, and the nutrition education programs of the MOH and PVOs, the full concept of ORT as a combination of: 1) fluids and/or oral rehydration salts (ORS); 2) an appropriate antibiotic therapy, when indicated; and 3) an adequate dietary management of diarrhea (DMD), and not just the use of fluids and/or ORS. This must include clear, distinct guidelines for the health service providers working in hospitals, health centers and health posts, and for mothers treating children in the home.

In order to do this, preliminary studies have to be done to document current constraints to the ORT program. This involves continued studies of household beliefs and feeding practices and new epidemiological studies in different geographical and cultural regions of the country. The Applied Diarrheal Disease Research (ADDR) part of this project responds to the need for a better understanding of diarrheal diseases, their causes and frequency, and the effectiveness of traditional home therapies, especially in rural and peri-urban sierra areas where little research has been carried out to date. The studies will be done in coordination with the DMD component of this project. The information obtained from both studies will be of extreme importance when designing home-level interventions, and mass media communication messages for dietary management of diarrhea and other Child Survival activities.

B. Project Description

This project with the Instituto de Investigación Nutricional (IIN) will have three main components:

The First Component provides intensive training and continued technical support at the regional level to selected Peruvian PVOs and public agencies involved in the P.L. 480 Title II and Section 416 feeding programs. Principle activities will be:

- 1) analysis and improvement of agencies' targeting to most vulnerable population groups;
- 2) technical assistance to each agency to develop and implement a high-quality, comprehensive program of nutrition and health education, growth monitoring, and other Child Survival interventions, including training of 50 nutritionists/trainers and 2,000 community health workers;
- 3) development of educational materials which are culturally appropriate for use by promoters at the community level and which stress Child Survival interventions (ORT, immunization, and the links between nutrition and health); and
- 4) the provision of training materials and infant weighing scales to PVO and other agency promoters.

Component Two supports Peru-specific activities to complement those financed by the AID/W Child Survival Project for Dietary Management of Diarrhea (DMD). USAID, using its Child Survival funding, will finance Peruvian participation in conducting and supervising research in a rural sierra (Ancash) site and extend DMD research to gather comparative data for a Lima peri-urban pueblo joven on household beliefs and practices regarding diarrhea management and therapy. The study will assess the household use of fluids and ORS, and will look at feeding practices during and after diarrhea episodes.

It will also train approximately 500 public and private sector physicians and nurses in the scientific and programatic implications of nutrition and diarrhea, in the dietary management of diarrhea, and in strategies for communicating these messages to local health and community workers.

A third aspect of this component will support the participation of physicians from various Peruvian medical schools in two clinical studies to be conducted under the project--training these doctors in the latest research techniques and theories on DMD. This component will also allow for the expansion of the National Advisory Council on the DMD Project to incorporate more Peruvian health professionals in the supervision and evaluation of the research.

Component Three supports Peru-specific activities of the AID/W-financed Child Survival Project entitled Applied Diarrheal Disease Research (ADDR). USAID, utilizing its Child Survival funding, will finance Peruvian participation in conducting and supervising anthropological and epidemiological home surveillance research in two sierra sites (one rural, one peri-urban) on the causes of diarrhea, age-specific frequency rates, family perceptions, and home treatments of diarrheal episodes. This component will complement the DMD study in the Ancash region, and the results of both will be used to design age- and area-specific home-level interventions and educational messages which will take into account traditional beliefs and feeding practices.

IV. Outputs and End of Program Status

A. Outputs

The following outputs are expected to result from the project:

Component One: Training

- 1) Increased positive impact on nutritional status of most vulnerable population groups served by PVOs and public agencies implementing Title II food assistance and nutrition education programs.
- 2) 50 PVO, MOH, and other public agency health workers (nutritionists/trainers) and 2,000 promoters trained in nutrition education, Child Survival interventions, and better targeting of food aid.
- 3) Educational materials for Child Survival interventions developed and distributed to public and PVO health workers, along with 500 infant weighing scales.
- 4) Approximately 1 million poor Peruvian children provided Child Survival health care interventions via improved MOH and PVO outreach services.

Component Two: DMD

- 1) Ethnographic data on traditional beliefs and daily observation of practices (especially feeding) in the treatment of diarrhea gathered and analyzed for 300-400 cases in peri-urban slum areas of Lima and complemented by on-going research in the sierra.
- 2) Clinical studies completed to measure the clinical and nutritional effects of alternative feeding regimens developed from the anthropological data.
- 3) Health messages developed and disseminated to MOH and other health workers and mothers regarding feeding during and after episodes of acute diarrhea, emphasizing the use of culturally acceptable foods to manage diarrheal episodes.
- 4) The National Advisory Council on the DMD Project set up and expanded to include representatives of various Peruvian medical schools, the Presidents of the Medical Societies and the Nursing Association, as well as representatives of the MOH.
- 5) 250 MOH and PVO doctors and nurses trained in a three-day Nutrition and Diarrhea Workshop focusing on the scientific and programmatic implications of DMD research.
- 6) 250 public and private sector health professionals trained in 25 one-week courses in the dietary management of diarrhea and on incorporation of this information into the National Diarrheal Disease Control Program norms.
- 7) Approximately 10 Peruvian physicians at several medical schools included in clinical studies of diarrhea trained in research techniques and DMD study results.

Component Three: ADDR

The results of epidemiological studies and home surveillance (from one rural and one peri-urban community near the city of Huaraz) regarding the causes and traditional treatment of incidents of acute and prolonged diarrhea collected, analyzed, and disseminated to the local MOH Health Area and incorporated in the National Diarrheal Disease Control Program norms.

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B. End of Project Status

- 1) Increased nutritional impact of Title II food assistance programs on most vulnerable groups.
- 2) Dietary management of diarrhea and other appropriate interventions designed and incorporated into the National Diarrheal Disease Control Program.

V. Program Implementation and Responsibilities of the Grantee and Participating Entities

The Grantee will be responsible for implementing the program in consultation with USAID. The program is to run for approximately two and one-half years, during which period of time, IIN will assume responsibility for the proper utilization of AID granted funds and the coordination of all technical aspects of the program. More specifically, IIN will:

- 1) provide the administrative and technical assistance required to support each component of this Grant;
- 2) submit to USAID copies of valid approval letters for components 2 and 3 from ethical review committees at IIN and/or Johns Hopkins University, as applicable;
- 3) submit to USAID the curricula vitae of all key personnel to be assigned to the project before these personnel can be compensated with funds from the Grant;
- 4) procure the equipment required for the program, as detailed in each of the three component Project Proposals, in accordance with guidelines provided in Attachment 4, Optional Standard Provision 5 for Non-U.S., Non-Governmental Grantees (OMB Control No.0412-0510 expiration: 1/31/87);
- 5) assume responsibility for the organization of the field research and for all training programs;
- 6) prepare and submit to USAID reports and evaluations listed in Section F. of the Schedule of this Grant;
- 7) coordinate project activities with other, similar USAID-funded activities as requested by staff of USAID Health and Nutrition Division; and
- 8) provide curricula, research protocols, questionnaires, and sample work plans of training manuals developed under the project to USAID Health Officer.

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Memorandum of Negotiation

Grant No.: 527-03080-G-00-6583-00
Grantee: Instituto de Investigación Nutricional
PIO/T No.: 527-0308-3-60052
PIO/T Amount: \$914,000
Amount of Grant: \$914,000
Amount Obligated: \$914,000
Project Manager Joan La Rosa

Authority: FAA of 1961, as amended, and E.O. 11223

Purpose: The purpose of this grant is to provide assistance to the Grantee's program entitled "Private Sector Nutrition/Child Survival."

Type of Instrument: Early discussions concerning the proposed assistance focused on the question of the correct assistance instrument, i.e. Grant or cooperative agreement. Because the grantee will be operating apart from direct involvement of the Mission it was determined that a grant is the correct instrument.

Measureable results: The grant contains specific quantified benchmarks against which to measure the impact of the assistance.

Reporting: As required, reporting will focus on progress in relation to end of project benchmarks, problems encountered and actions needed/taken to overcome those obstacles.

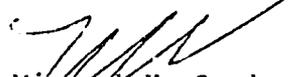
Grantee's financial system: The controller has a history of working with this organization and has determined that their accounting system is sufficient to segregate and accumulate project costs. As the contractor will not charge indirect costs to this grant, it was not necessary to verify indirect cost rates.

Selection of Grantee: The project office has adequately justified the selection of IIN to receive this assistance. The signature of the Mission Director on the PIO/T accepts this rationale and meets the requirement of HB 13, Section 1, B, 2, e.

Budget Analysis: Although the budget contained in the grant is divided into programmatic line items, the grantee's proposal was divided into cost elements. Those elements were analyzed as follows:

1. Salaries: all salaries of U.S. hire and other being reimbursed at international rates were verified by the negotiator against biographical data sheets. All local salaries were verified against the local wage scale.
2. All commodity prices were examined and found to be reasonable by PRC.
3. All estimates for number of trips and other transportation requirements were verified by the technical office. Proposed rates were checked for reasonableness based on actual travel costs.
4. No indirect costs will be charged to the grant. An amount of 20% of other direct costs was budgeted for direct administrative costs. It is reasonable.

With the completion of this memorandum all statutory and policy requirements have been met; the grant is reasonable in cost and in the best interest of the Government. Accordingly, I recommend that the Grant be executed.


Michael H. Snyder
Grant Negotiator

June 25, 1986

AID 1350-1 (10-79)	UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY AGENCY FOR INTERNATIONAL DEVELOPMENT	1. Cooperating Country PERU	Page 1 of 1 Pages
		2. PIO/T No. 527-0308-3-60052	3. <input checked="" type="checkbox"/> Original or Amendment No. _____
PIO/T	PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	4. Project/Activity No. and Title 527-0308 Instituto de Investigación Nutricional-- Private Sector Nutrition/Child Survival.	

DISTRIBUTION	5. Appropriation Symbol 72-1161021	6. Allotment Symbol and Charge LDAA- 86-25527-CG-13	
	7. Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Implementing Document	8. Project Assistance Completion Date (Mo., Day, Yr.) 12-31-88'	
	9. Authorized Agent Regional Contracting Officer	10. This PIO/T is in full conformance with PRO/AG N/A Date _____	
	11a. Type of Action and Governing AID Handbook <input type="checkbox"/> AID Contract (HB 14) <input type="checkbox"/> PASA/RSSA (HB 12) <input checked="" type="checkbox"/> AID Grant (HB 13) <input type="checkbox"/> Other	11b. Contract/Grant/PASA/RSSA Reference Number (if this is an Amendment) N/A	

12. Estimated Financing (A detailed budget in support of column (2) is attached as attachment no. 1)

		(1) Previous Total	(2) Increase	(3) Decrease	(4) Total to Date
Maximum AID Financing	A. Dollars		914,000		914,000
	B. U.S.-Owned Local Currency				

13. Mission References

14a. Instructions to Authorized Agent

The Regional Contracting Officer is authorized to negotiate a Specific Support Grant with the Instituto de Investigación Nutricional (IIN) to carry out a program entitled "Private Sector Nutrition/Child Survival," based on the Schedule, Attachment 1, and the Program Description, Attachment. Payments under this Specific Support Grant should be made using the Payment-Periodic Advance mechanism.

14b. Address of Voucher Paying Office

15. Clearances—Include typed name, office symbol, telephone number and date for all clearances.

A. The project officer certifies that the specifications in the statement of work are technically adequate HN: JE LaRosa	Phone No. 436 Date 6/19/86	B. The statement of work lies within the purview of the initiative and governing programs With GHIH 2 PROG: WGRhoads Date 6-20-86
C. HNE: AHDanart	Date 6/24/86	D. Funds for the services requested are available CONT: RABonaffon 6/23/86
E. RCO: MASnyder	Date 6/27/86	DD: GAH11 6/27/86

16. For the cooperating country: The terms and conditions set forth herein are hereby agreed to	17. For the Agency for International Development
Signature _____ Date _____	Signature <u>John A. Sanbrailo</u> Date <u>6/26/86</u>
Title _____	Title <u>John A. Sanbrailo</u> <u>Mission Director</u>