

RS/PS 931008 (3)
FD-246-957-
CI

A.I.D.
Reference Center
Room 1656 No. Attachment A to M.O. 1025.1
(VL 9:172)

AID 1025-1 (7-71) (FACE SHEET)
NONCAPITAL PROJECT PAPER (PROP)

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9p

I. PROJECT IDENTIFICATION

1. PROJECT TITLE
Exploration - Initiation Decision Making
Formerly, Economics of Malnutrition

2. RECIPIENT (Specify)
 COUNTRY _____
 REGIONAL _____ INTERREGIONAL _____

3. SUBMISSION
 ORIGINAL
 REV. NO. 2 DATE 12-21-72

4. PROJECT NO. (M.O. (1972))
931-11-560-885

5. LIFE OF PROJECT
BEGINS FY 168
ENDS FY 174

6. CONTR./PASA NO. CSO 2840

II. FUNDING (\$000) AND MAN MONTHS (MM) REQUIREMENTS

A. FUNDING BY FISCAL YEAR	B. TOTAL \$	C. PERSONNEL		D. PARTICIPANTS		E. COMMODITIES \$	F. OTHER COSTS \$	G. CONTR.		H. LOCAL EXCHANGE CURRENCY RATE: \$ US (U.S. OWNED)			
		(1) \$	(2) MM	(1) \$	(2) MM			(1) \$	(2) MM	(1) U.S. GRANT LOAN	(2) COOP COUNTRY	(3) JOINT	(4) BUDGET
1. PRIOR THRU ACTUAL FY	208	50	7			0	158						
2. OPBN FY	72	75	15			0	0	75	15				
3. BUDGET FY	73	125	75	15		0	50	75	15				
4. BUDGET +1 FY													
5. BUDGET +2 FY													
6. BUDGET +3 FY													
7. ALL SUBO. FY													
8. GRAND TOTAL	408	200				0	208	150		0	0	0	

9. OTHER DONOR CONTRIBUTIONS

(A) NAME OF DONOR	(B) KIND OF GOODS/SERVICES	(C) AMOUNT

III. ORIGINATING OFFICE CLEARANCE

1. DRAFTER
TA/N: H.C. Ladenheim (C.M. George)

2. CLEARANCE OFFICER
TA/N, Martin J. Forman

TITLE
Operations Officer

TITLE
Director

DATE
3-3-72

DATE
3-8-72

IV. PROJECT AUTHORIZATION

1. CONDITIONS OF APPROVAL
Prior to publication, the draft handbook will be reviewed by an AID/W review team, including Regional Bureau representatives.

3. CLEARANCES					
BUR/OFF.	SIGNATURE	DATE	BUR/OFF.	SIGNATURE	DATE
SA/IR/TECH	R. Johnson (MEMO)	3-10-72	TA/PM	KS Levick (MEMO)	4/3/72
AFR/TAC	P. Lyman (MEMO)	1-31-72	PLA/DP	A. Boehme (MEMO)	3-10-72
ASIA/TECH	J. Blume (MEMO)	3-14-72	VN/ND	J. Balser (MEMO)	3-2-72

3. APPROVAL BY OFFICE DIRECTORS
SIGNATURE: J. Sch. Battenfeld DATE: 4/6/72

4. APPROVAL AID (See M.O. 1025.1 VI C)
SIGNATURE: _____ DATE: _____

TITLE: Associate Asst. Administrator TA/PM

*Incorporating 560-798 "LDC Involvement in Key Problem Process"
560-834 "Professional Exchange - Travel Grants"
560-885 "Economics of Malnutrition"

Note Revision dated 12-21-71
TA/N: APound 1-14-72
TA/N: C. George (Rev. 2, 3-7-72)

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Exploration-Initiation Decision Making

A. The Project Goal

1. Goal Statement. To increase the emphasis on nutrition in the planning of national development programs.

a. By increasing the motivation of decision makers to include nutrition in their plans for economic as well as humanitarian reasons.

b. By providing the planning techniques for nutrition problem analysis and intervention.

c. By developing an awareness in planners of the development related costs of malnutrition.

d. By producing the tools for determining the costs and benefits of alternate methods for alleviation of malnutrition.

e. By increasing the awareness of planners of the effect of human nutrition on other sector development plans.

2. Measurement of Goal Achievement

a. The degree national planners and decision makers have moved to include nutrition in national development plans.

b. The number and kinds of planning techniques available and used by planners for problem analysis and determination of effective points of intervention.

c. The degree planning in related development sectors reflect an awareness of the economic and social costs of malnutrition.

d. The extent tools for determination of the costs and benefits of alternative methods of intervention are used by planners of national nutrition programs.

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3. Assumptions of Goal Achievement. The decision making structure of developing countries can be motivated to committing more appropriate resources to the alleviation of malnutrition if they are convinced that:

- a. Nutrition is a significant element (economic and social) in the development process.
- b. Planners have the means to determine the effect of improvement of the state of nutrition on development.
- c. Mechanisms are available to determine which methods of intervention are most cost effective.

B. The Project Purpose

1. Statement of Purpose. At present a broad gap exists between that which is technologically feasible for the alleviation of malnutrition and that which is being applied in the LDCs. The purpose of this project is to narrow the gap by alerting the decision makers as to the development implications of nutrition and to motivate them to dedicating an appropriate level of resources (money and manpower) to solving the problem of widespread malnutrition. Recognizing that planners have a key role in guiding ultimate decisions, the project is committed to developing ~~tools and techniques~~ which will assist the planner in ~~analysis of the problem and the design~~ of the solution. Inevitably planners are faced with choices relating to relative cost benefit of alternate uses of scarce resources; the project will develop aids for making this vital determination. Following acceptance of the need and worthiness of a sector as a claimant for development resources is the need to determine the most cost effective points of intervention. A purpose of this project is to provide guidance in determining that element of program design.

2. End of Project Conditions

- a. National nutrition policies will have been established in many LDCs.
 - b. National plans for alleviation of malnutrition will be implemented as part of the broad development plan.
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c. Total development plans in LDCs will reflect the interrelationship between nutrition and other sectors, viz. agriculture, health, family planning, industry, education.

d. The gap between the technologically feasible and application will be narrowed with planning in hand to close the gap.

3. Basic Assumptions. The state of nutrition science and food technology in the world today provides a capacity for intervention in food systems and eating behavior for making major improvement in nutrition levels throughout the LDCs. The most significant missing element in the equation is the recognition of and the concern with nutrition as an element in national development planning on the part of the key decision makers. It is assumed that the fostering of dialogue between nutritionists, planners and decision makers will create a changed climate resulting in development planning which fully considers the economic and social implications of improved nutrition. It is also assumed that the provision of analytic tools and methodologies will provide planners with devices which they can trust in formulating an appropriate role for nutrition in the development process.

C. Project Outputs

1. Outputs. The long term outputs of this project include:

a. Decision makers motivated to support the role of nutrition in development plans.

b. Planners capable of predicting costs and benefits derived from inclusion of nutrition programs in development proposals.

c. Directors of other development related sectors (agriculture, health, education, etc.) can relate nutrition improvement to their goals.

In the short run the outputs are:

✓ a. Methodologies for analytic examination of the nutrition related problems.

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b. Procedures for determining appropriate points for intervention in food systems for improving the state of nutrition.

c. Techniques for determining the costs and benefits involved in alternate methods of intervention in food systems.

d. Increased awareness on the part of decision makers and planners of the role of nutrition in national development.

2. Output Indicators.

Long Term

a. Effective national nutrition policies have been adopted in LDCs.

b. National development plans include appropriate programs for alleviation of malnutrition.

c. Other related development sectors have provided for nutrition in implementing their programs (e.g. agriculture concerned with nutritional balance in production and not only with quantity of calories produced.)

Short Term

a. A nutrition programmer's handbook will be produced. This handbook will describe methods of systems analysis applied to nutrition and agricultural issues, identifying points in the food system which will yield to interventions to achieve specific stated nutrition objectives. Included too will be illustrative case studies developed in Ecuador in the course of field development of the handbook.

b. Seminars will be conducted to train planners in the use of the handbook.

c. Communications between planners and nutritionists will continue with exchange of ideas and data.

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D. Statement of Project Inputs1. Inputs

- a. Contract with the American Technical Assistance Corporation (ATAC) for field studies in Ecuador and completion of the study started in FY 71 for the production of a nutrition programmer's handbook having world-wide application (Attachments A and B).
 - b. Conduct of training seminars for planners on incorporating nutrition in national planning and involving use of the nutrition planners handbook.
 - c. Follow-up on conference on "Nutrition and National Development," funded in FY '71 (Attachment C). This is to include a continuing role by the International Committee of the Food and Nutrition Board, NAS, the conference committee and publications distributed by the AID Office of Nutrition.
 - d. The promotion of concern and attention to issues related to the economics of malnutrition, and the role of nutrition in national planning at formal and ad hoc meetings of planners and nutritionists in the LDCs and the U.S.
 - e. Encouragement to the participation and involvement of senior decision makers, nutritionists and planners in country, regional and world-wide conferences concerned with nutrition and planning.
 - f. Support to international bodies including the World Bank in the development of a capacity to serve the nutrition planning needs of LDCs as related to total development planning.
 - g. Field testing, evaluation and modification of Handbook in another region and production of revised handbook suitable for more general application.
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2. BudgetInterregional Funds

<u>FY '72</u>		\$ 75,000
	Economics of Malnutrition, Phase II & III: (ATAC contract for completion of field work) (Ecuador and development of handbook.)	
	<u>Subtotal</u>	<u>75,000</u>
<u>FY '73</u>		
	Economics of Malnutrition - development of systems model in another type of country	75,000
	Mini-conference on Economics of Malnutrition	22,000
	LDC Involvement in Key Problems Process - Workshop for LDC Planners	<u>28,000</u>
	<u>Subtotal</u>	<u>125,000</u>
	<u>FY '72 and FY '73 Total</u>	<u>Grand Total</u> <u>\$200,000</u>

3. Assumptions. Ecuador was selected as the field site for ATAC's development of the case study material and handbook. It is assumed that political considerations will allow the study to continue in what has proven to be an extremely hospitable site.

E. Rationale: There is a growing awareness that nutrition can be an important element in national and regional development planning. Programs requiring major and continuing resource commitments for alleviating malnutrition are not currently receiving the support of decision makers and planners in the LDCs and generally the role of nutrition in accelerating economic growth has not entered into significant planning consideration.

To accelerate awareness and provide planning tools for national development planners an inter-related multi-pronged approach is being followed. In FY 1971 Batelle completed a study on the feasibility of creating a tool for measuring the economic cost of not alleviating malnutrition. This report found that modeling of the total Nutrition System was not practical and recommended that future studies devote themselves to examination of empirical data rather than development of a universal model. Following this guidance

AND 1025.1A (NARRATIVE DESCRIPTION) (7-71)

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a contract was entered into with ATAC to produce a design for analysis of the cost effective points of intervention into Nutrition Systems. A handbook to be used by nutrition programmers will outline the methodology and will be an important milestone in providing tools for measuring the role and costs of nutrition intervention. During the same period a conference was held on Nutrition and National Planning (MIT) in order to sensitize the planners on the role of nutrition in economic development. Overall, the continuing rationale provides for examining both total nutrition systems and key issues within systems which may offer promising points of leverage on the planning process.

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In view of the critical role played by decision makers, continuing efforts will be focused on the broad issues of nutrition in national planning in order to keep the dialogue between planners and nutritionists begun at the MIT conference vital and moving.

The means for alleviation of many of the major problems in the alleviation of malnutrition are known however, the vital link, the concern of national planners, has yet to be forged.

F. Course of Action

1. Implementation Plan

FY 1972

a. The American Technical Assistance Corporation is prepared to immediately carry out the second stage of their activity in preparing a "Nutrition Programmer's Handbook" by means of a contract. Work can be completed in six months. (Attachment B) AID/W will review results of field trial prior to publication of the handbook.

b. The summary report of the conference "Nutrition National Development and Planning" is being reproduced and will be distributed to key individuals and institutions worldwide. (Attachment C)

c. Discussions and correspondence will continue to generate interest in governments and international organizations in the relationship of nutrition to national development.

FY 1973

d. Field testing evaluation and modification of handbook in another region and production of a modified and revised handbook suitable for more general application. (\$75,000).

e. Mini-conferences in the LDCs and U.S. to give attention to issues related to the economics of malnutrition and role of nutrition in national planning (\$22,000).

f. A series of country and regional seminars will be held as a follow-up on the MIT meeting on Nutrition and National Development planning and will use the Nutrition Programmer's Handbook as a guide. (\$28,000)