

9310874(4)
 FD-LAC-BU
 933-61

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

Attachment A to M.O. 1025.1
 (TL 9:172) PAGE 1 of 2 PAGES

I. PROJECT IDENTIFI

1. PROJECT TITLE: **Evaluation--Child Feeding**

2. RECIPIENT (country):
 COUNTRY _____
 REGIONAL _____ INTERREGIONAL _____

4. LIFE OF PROJECT
 BEGINS FY: 70
 ENDS FY: 74

APPENDIX ATTACHED
 YES NO *11p*

3. PROJECT NO. (A.I.D. 1025.1)
931-11-500-079

5. SUBMISSION
 ORIGINAL _____ DATE _____
 REV. NO. _____ DATE _____
 CONTR./PASA NO. _____

II. FUNDING SOURCE AND MAN MONTHS AND REQUIREMENTS

A. FUNDING BY FISCAL YEAR	E. TOTAL \$	C. PERSONNEL		D. PARTICIPANTS		E. COMMODITIES \$	F. OTHER COSTS \$	G. PASA/CONTR.		H. LOCAL CURRENCY CURRENCY RATE \$ US		
		(1) \$	(2) MM	(1) \$	(2) MM			(1) \$	(2) MM	(1) U.S. CHART LOAN	(2) COUNTRY	(3) JOINT
1. FISCAL YEAR ACTUAL FY	127	127	--	--	--	--	--	127	--			
2. OPEN FY 73	75	55	35	--	--	--	20	75	35			
3. BUDGET FY 74	45	30	20	--	--	--	15	45	20			
4. BUDGET 41 FY												
5. BUDGET 42 FY												
6. BUDGET 43 FY												
7. ALL SUBD. FY												
8. GRAND TOTAL	247	212	55	--	--	--	35	247	55			

9. OTHER DONOR CONTRIBUTIONS

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

III. ORIGINATING OFFICE CLEARANCE

1. DRAFTER ACTION: **William Patten** *Public Health Advisor* DATE: *1/2/73*
Monitor: Amy Pound *Program Analyst* DATE: *1/2/73*

2. CLEARANCE OFFICER: **Martin W. Forman** *Director, TA/N* DATE: *1/2/73*

IV. PROJECT AUTHORIZATION

3. CONDITIONS OF APPROVAL

2. CLEARANCES

BUR/OFF.	SIGNATURE	DATE	BUR/OFF.	SIGNATURE	DATE
TA/PM	D. G. Mathiasen	<i>1/2/73</i>			
TA/PM	F. Correl	<i>1/2/73</i>			
TA/PM	S. Sharp	<i>1/2/73</i>			

3. APPROVAL AND/OR OFFICE DIRECTORS

SIGNATURE	DATE	SIGNATURE	DATE
<i>Samuel H. Patterson</i>		<i>William Patten</i>	

4. APPROVAL AID (See M.O. 1025.1 VI C)

SIGNATURE	DATE
<i>Samuel H. Patterson</i>	

ASSOCIATE ASST. ADMINISTRATOR AA/TA ADMINISTRATOR, AGENCY FOR INTERNATIONAL DEVELOPMENT

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

PROJECT NO. 931-11-560-879	SUBMISSION <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> REVISION _____	(Number) DATE	PAGE 2 of 7 PAGES
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Evaluation--Reaching the Pre-School ChildIntroduction

Although significant resources by AID as well as international and voluntary agencies and the developing countries themselves have been invested in supplementary feeding programs, there has never been a significant multi-country appraisal of the cost and benefits of such programs. An evaluation of the impact of these feeding programs is needed to provide planners with information on costs, benefits and appropriate pre-conditions for effective programming. This should provide a better basis for deciding whether such programs should be undertaken or expanded, and, if expanded to provide guidelines for ensuring greater effectiveness.

The purpose of this PROP is to modify and extend "Evaluation-Child Feeding", 560-879. This project provides the inclusion of an activity to assess the cost/effectiveness of various types of child feeding programs and to identify those factors which correlate with program effectiveness.

A. Statement of Goals

1. To find effective and school age child with nut the pre-school
2. To provide ratio ssary data to improve current investments in us.
3. Measurement of G
 - a. Improved hea
 - b. Significant behavior in the home.
 - c. Improved sch
 - d. Improved sch
 - e. Development of programs measured by the preceding factors.

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AID 1025.1A (NARRATIVE DESCRIPTION) (7-71)			
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4. Assumptions

LDC governments and international and voluntary agencies will accept the evidence developed by the overall evaluation. LDC resources will be made available and improved delivery systems implemented utilizing the data provided by this study.

B. Statement of Project Purpose

1. Purpose

a. To evaluate the effectiveness of supplementary feeding programs in the improvement of the mental and physical growth of young children in the LDC's through the use of:

- (1) school performance evaluations.
- (2) school attendance figures.
- (3) anthropometric measurements.

b. To examine the effects of nutrition education efforts provided through these programs in improving the home diets of pre-school and school children.

c. To assess the cost/effectiveness of various types of child feeding programs.

2. End of Project Status

a. The literature on methods of reaching the pre-school and school child with a more nutritious diet will have been reviewed. A methodology for evaluating the effectiveness of supplementary feeding programs in accomplishing the project purpose will have been developed, field tested, analyzed, and made available to U.S., international, voluntary and host governmental agencies. The status of young children.

b. Mechanisms for choosing between alternate approaches in supplementary feeding programs, through the use of cost/effectiveness criteria - will have been made available to the world-wide nutrition community.

wide.

AID 1025.1A INDIANATIVE DESCRIPTION (7-71)

931-11-560-879

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3. Assumptions

Measurements of health status and child growth in items Bla(2) and (3) as well as "b" will be tested through the use of known and acceptable methods of nutritional evaluation; the probability of providing indicative results high. Measurement of school performance will be more experimental; ability testing procedures have not yet been utilized to measure performance levels of groups varying in nutritional status.

The data provided by this study will assist planners in development agencies and LDC governments to select and design future nutrition delivery systems; in addition, it will provide a methodology for the evaluation of existing programs.

C. Project Outputs

1. a. A workshop, "Reaching the Pre-School Child" has been completed.

b. The project, "Evaluation-Child Feeding", 560-879, has provided or will provide:

(1) A review of all available literature pertinent to child feeding programs in developing countries.*

(2) A profile, through the use of a worldwide questionnaire, on the current status of child feeding efforts.*

(3) Design of a methodology for field evaluation of the most promising and most commonly used delivery systems.*

(4) Refinement of the methodology by the most qualified experts in child feeding evaluation.

(5) Field testing of the protocol in three countries and several geographic areas per country.

(6) Assessment of the most cost/effective approaches to various situations. This will ultimately assist in planning and developing criteria for more effective feeding programs.

*Completed

PROJECTS-A INARRATIVE DESCRIPTION (7-71)			
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2. Assumptions

A qualified contractor has been selected and sufficient field cooperation in the use of local contractors will be obtained to assure successful implementation of the evaluation.

D. Project Inputs

1. a. Contract staff from the American School Food Service Association (ASFSA) has already completed or will be responsible for providing the following:

- (1) Workshop involving LDC personnel
 - (2) Literature search on worldwide child feeding efforts.
 - (3) Report on current worldwide child feeding programs.
 - (4) Methodology and research instruments for field testing (developed through subcontractual arrangements with a research firm).
 - (5) Preparation of the final report.
- b. An expert committee with skills in related disciplines will be convened to review and refine the research design.
- c. Regional bureaus and field missions will be consulted for the selection of study sites.

AID TO: TA INAPPROPRIATE DESCRIPTION (7-71)		REVISION	DATE	PAGE	OF	PAGES
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2. Budget

Interregional Funds (\$000)

	FY 170	FY 171	FY 172	FY 173	FY 174	Total
#879 "Pre-School Child Nutrition Workshop"	49	--	--	--	--	49
#879 "Evaluation - Child Feeding"	<u>50</u>	<u>--</u>	<u>28</u>	<u>75</u>	<u>45</u>	<u>109</u>
Grand Total	99	0	28	75	45	247

3. Assumptions

Cooperation of Field missions and host countries can be obtained to conduct field studies.

E. Rationale

The U. S. has been engaged in promoting and supporting supplementary child feeding programs for over twenty years. Today, many developed and under-developed countries are investing significant resources into related programs. Despite the foregoing, little is known about the real nutritional implications of these programs.

Within the past few years, a great deal of professional controversy and attention has been generated by many funding organizations in their attempts to learn how to reach the child more effectively. The Research Corporation has published a book promoting mothercraft centers. TA/N sponsored a mini-conference on the use of growth charts for assessing the progress of children and teaching of parents. The International Union of Nutrition Sciences (IUNS) sponsored a world-wide conference on alternative approaches in reaching the pre-school child in the summer of 1971, and at the October 1971 PAG meeting, a full session was dedicated to evaluating the various techniques used for reaching this vulnerable group.

Within the framework of TA/N's own current activities, a compendium is being compiled on approaches and costs of the range of nutritional interventions - feeding, fortification, etc. - for improving the health status of the pre-school child. This activity has been undertaken as a preliminary step in identifying programs, or program elements, that may be of use in program planning and design.

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Since AID has been active in the development of better delivery systems for health, nutrition and family planning, and has supported a number of different approaches, it is time to sort out what has been learned, and to attempt to produce guidelines and cost-effectiveness data on the various possible interventions. Planners would then be provided with a basis for program selection. This project covers such an evaluation of one intervention -- supplementary child feeding programs.

F. Course of Action

Phase I of a multiphase project has been completed under contract with the American School Food Service Association (ASFSa). This was a review of all available literature pertinent to the history and development of child feeding programs.

Phase II, a profile of the present status of child feeding efforts, is currently being completed by the prime contractor.

Phase III, the research design, has been completed by a sub-contractor. The final product provides a comprehensive research design for field study, including all forms and instrumentation, sampling plans, data-handling instructions, and analytic procedures. Guidance for the preparation and refinement of the research design is being provided by the most qualified experts in child feeding evaluation.

For Phase IV, the contractor - or a designated sub-contractor - will contract with local organizations in selected developing countries. These local entities will collect the required information in accordance with the guidelines and research instruments provided in the methodology. The local contractors will, of course, be monitored by the prime contractor (or designated sub-contractor) to assure consistency. The assistance and concurrence of the Missions will precede initiation of contractual arrangements with local organizations.

The final phase of the project will be the distribution of the evaluation data to the international nutrition community. In addition, a manual on evaluation will be available for guiding, planning, and implementing future programs intended to reach children throughout the world.

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Mary

February 12, 1973

MEMORANDUM TO: AA/TA, Mr. Samuel H. Butterfield

FROM: ^{→ Carol} TA/PM, David G. Mathiasen

SUBJECT: PROP Approval and Project Authorization for
Project No. 560-897 - Evaluation of Child
Feeding 874

This project was first authorized in FY 1970 and later amended in FY 1972 to combine it with another ongoing project - "Reaching the Pre-School Child" - and to add a new activity -- "Alternate Approaches and Cost Benefit Evaluation". The attached PROP amendment extends the project through FY 1974 and details the new activity -- Alternate Approaches and Cost Benefit Evaluation.

The purpose of this project is -- (1) to evaluate the effectiveness of child feeding programs in LDCs, (2) to examine the effects of nutrition education efforts provided through these programs in improving the home diets of pre-school and school children, and (3) to assess the cost effectiveness of various types of child feeding programs. The project will produce a manual for LDC and U.S. personnel concerned with the nutrition of children detailing a methodology for evaluating the effectiveness of supplementary feeding programs. Another product will be the development of mechanisms for determining the most cost effective approaches in the selection of supplementary feeding programs. This project is being implemented through a contract with the American School Food Service Association (ASFSA) which has subcontracted the field testing of the methodology to Checchi, Inc.

This project was reviewed by the GTSC on December 19, 1972, and no objections to its implementation were raised. The attached PROP was later distributed to the GTSC members for their optional comments. LA/DP raised several questions re the PROP (see attached memo). TA/N, TA/PM, and LA/DP met to discuss the issues raised by LA/DP. TA/N reassured LD/DP that the intent of the project is not to evaluate one supplementary feeding program against another one but to evaluate the various types of feeding programs apart and on

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their own merits. TA/N stated that other types of nutrition interventions are, in fact, being evaluated but under other nutrition projects, e.g. nutrition education, fortified foods. LA/DP was satisfied with the answers supplied by TA/N.

We recommend approval of this project. Your signature on the Project Authorization will indicate your approval of the project and FY 1973 funding in the amount of \$75,000.

Attachment: a/s

MEMORANDUM

February 2, 1973

TO : TA/PM, Mr. Frank B. Correl

FROM : LA/DP, Glenn O. Patterson

SUBJECT : PROP - Evaluation of Child Feeding

We have examined the PROP -- Evaluation of Child Feeding -- with interest. It is an area of concern to us and we are pleased that TAC is undertaking an evaluation in this area. However, the proposed methodology, we feel, leads to serious questions as to whether the project can possibly have the desired results.

1. The evaluation of the effects of various types of supplementary feeding activities would appear to have limited chance of success. It is probable that school performance evaluations, school attendance figures and anthropometric measurements could be used to demonstrate the effects of supplementary feeding versus no supplementary feeding, but it seems to be stretching the precision of the research methodology to expect to demonstrate a difference between various types of supplementary feeding programs. We suspect that the differences will not be of a magnitude to be statistically significant.
2. In addition, the PROP is vague on the actual utility of the proposed research. The PROP states (page 7, paragraph 1) that this project would evaluate the effectiveness of only one of the several possible nutrition interventions, i.e., supplementary child feeding. We believe that it would be more useful to have an evaluation of the cost/effectiveness of the various types of interventions before undertaking an analysis of alternatives within any one class of interventions. It is hypothetically conceivable that supplementary child feeding is the least effective intervention available to us. At a minimum, we should know its effectiveness in relation to other intervention before undertaking the proposed project.
3. We are concerned that the PROP only states that the results of the project will be disseminated. We would prefer that a dissemination and utilization plan be incorporated into the project design from its inception.

Perhaps the contemplated results of the project would be useful, but we question whether statistically significant results will be provided with the planned methodology. In addition, the overall significance

of this particular evaluation of a single technique of affecting nutrition systems cannot be assessed without viewing it in the context of the relative effectiveness of the number and types of possible interventions into nutrition systems.

LA/DP:GAN111/KAMilow/GOPatterson:car:1/2/73

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