

May 18, 1971

9320842 (3)  
AID-AAA-389-01

NONCAPITAL PROJECT PAPER (PROP)

17p

Country: Worldwide Project No. 931-11-580-842

Submission Date: 5-18-71 Revision No. 3

Project Title: Rapid Feedback for Family Planning Improvement

U.S. Obligation Span: FY-69 through FY-74

Physical Implementation Span: FY-69 through FY-74

Gross life-of-project financial requirements:

FY-69-71 expenditures:	\$187,573
Obligated but not spent as of 6-30-71:	85,427
FY-71 additional obligation:	399,306
Anticipated additional FY-73-74 obligations:	<u>241,872</u>
TOTAL	\$914,178

I. SUMMARY DESCRIPTION

This proposal for a two-year extension of contract csd-2551 beyond its current FY-72 termination represents a systematic effort to provide a variety of technical services that will measurably improve the capacity for evaluation in on-going family planning programs. It will continue and greatly expand the scope of work already supported by AID at the Community and Family Study Center of the University of Chicago. [The intent of the proposal is to modify and supplement the workshop phase of the project by providing adequate field tests of improved client and clinic record systems, by producing and assisting in the implementation of a comprehensive package of computerized evaluation procedures adapted to small-memory computers, and by supplying a variety of training services that will enable evaluators to adopt improved methodologies and to conduct effective study of critical program problems.] [Activities during FY-72-74 will be focussed on two or three countries]

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PROJECT AUTHORIZATION

1. PROJECT NUMBER <b>931-11-580-842</b>	3. COUNTRY <b>WORLDWIDE</b>	4. AUTHORIZATION NUMBER <b>17p</b>
2. PROJECT TITLE <b>Rapid Feedback for Family Planning Improvement</b>		5. AUTHORIZATION DATE
7. LIFE OF PROJECT		6. PROP DATED <b>5-18-71</b>

a. Number of Years of Funding: 6  
Starting FY 1969, Terminal FY 19 74

b. Estimated Duration of Physical Work  
After Last Year of Funding (in Months): 6

FUNDING BY FISCAL YEAR (in U.S. \$ or \$ equivalent)	DOLLARS		P.L. 480 CCC + FREIGHT	LOCAL CURRENCY			
	GRANT	LOAN		Exchange Rate: \$1 =		HOST COUNTRY	
				U.S. OWNED	GRANT	LOAN	JOINTLY PROGRAMMED
Prior through							
Actual FY 69-70	271,000						
Operational FY-71	399,000						
Budget FY-72	242,000						
B + 1 FY							
B + 2 FY							
B + 3 FY							
All Subsequent FY's							
<b>TOTAL</b>	<b>915,000</b>						

9. DESCRIBE SPECIAL FUNDING CONDITIONS OR RECOMMENDATIONS FOR IMPLEMENTATION, AND LIST KINDS AND QUANTITIES OF ANY P.L. 480 COMMODITIES

10. CONDITIONS OF APPROVAL OF PROJECT

Region Approvals of PROP:

- 5/11/71 R. B. Black, LA/PCD (phone) **CH**
- 5/18/71 R. Johnson, EA/TECH (Memo dated 5/18/71)
- 5/18/71 Approval by NESAs and Africa still pending

The determination of specific emphasis countries will also involve clearance by the relevant regional Bureau.

The \$399,000 for Operational FY-71 above provides full program funding for FY-72 and funding of key staff personnel during FY-73 and FY-74. It is anticipated that additional funds for FY-73 and FY-74 will be added in FY-72.

(Use continuation sheet if necessary)

11. Approved in substance for the life of the project or described in the PROP, subject to the conditions cited in Block 10 above, and the availability of funds. Detailed planning with cooperation of the host country and drafting of implementation documents is authorized.

This authorization is contingent upon timely fulfillment of the self-help and other conditions listed in the PROP or attached thereto.

This authorization will be reviewed at such time as the objectives, scope and nature of the project and/or the magnitudes and scheduling of any inputs or outputs deviate so significantly from the project as originally authorized as to warrant submission of a new or revised PROP.

A.I.D. APPROVAL	CLEARANCES	DATE
 SIGNATURE	TA/POP/AE J. Brackett <b>JB</b>	21 May 71
	TA/POP/R. T. Ravenholt <b>RTB</b>	21 May 71
	TA/PM J. Kean <b>JK</b> K. Levick <b>KL</b>	6/10/71
AA/TA S.M. Butterfield TITLE	A/CONT	

(e.g. Peru, Colombia, Brazil, Korea or Ghana) to which CFSC has been or currently will be invited to assist host country nationals in resolving important program problems.

## II. SETTING AND ENVIRONMENT

### A. Experience with project to date

#### 1. Project Objectives

The current contract assumes that managers of family planning programs and officials of LDC's seeking to introduce such programs must have reliable evaluation systems which will (a) measure progress toward the goal of lowering fertility rates, and (b) provide a steady flow of information required for the development and improvement of family planning programs. This project originally was designed to disseminate evaluation methodology by means of workshops and seminars for selected host country nationals that would communicate the necessary information and techniques for installing and operating evaluation/improvement systems to those who are responsible for operating such systems and/or to those who wish to use the information they generate.

During the three year span of the contract, the Community and Family Study Center of the University of Chicago proposed to:

- a. design, sponsor and conduct training courses in evaluation-improvement of family planning/population programs by means of overseas workshops and seminars in

appropriate languages at established regional and in-country centers of population studies and family planning action overseas;

b. accelerate present experimental work aimed at solving methodological and procedural problems of evaluation improvement.

Specifically the contractor was to conduct two workshops each year which would train 150 foreign nationals from up to 30 LDC's; he would endeavor to locate at least one workshop in each A.I.D. region.

2. Accomplishments to date

During the one and three-quarters years that the contract has been in force, the contractor has completed three workshops and will conduct the fourth beginning in late May, 1971.

The first workshop was held in Seoul, Korea, January 26 to February 20, 1970, as a joint undertaking of the GOK, the 3501 [University of Korea], A.I.D., and CFSC. Eighty-four nationals from 7 LDC's attended. Four courses were presented; each participant attended at least three of the courses and most audited the fourth. Forty of the participants were managers of FP programs. The four courses were: (1) Techniques of Fertility Measurement, (2) Evaluation and Improvement of Family Planning Programs, (3) The Methodology of Fertility Surveys, and (4) Use of the Computer for Family Planning Evaluation.

The second workshop was held in Santiago, Chile, May 18 to June 12, 1970, in cooperation with [U.N. Centro Latinoamericano de Demografia.] Thirty-nine nationals from 18 Latin American countries attended. Drs. Elkins and Bogue presented a series of lectures and conducted discussions; the workshop was not broken up into separate courses but all participants attended all sessions. This workshop focussed on the technical aspects of FP statistics.

The third workshop was held in Ankara, Turkey, January 31 to February 20, 1971, with sponsorship by the GOT Ministry of Health and Social Welfare, <sup>3503</sup> [the Hacettepe University Institute of Population Studies, and CFSC.] Fifty-nine nationals of 11 LDC's attended; most were from the Near East South Asia A.I.T. region. Five courses were presented and each participant was required to take at least three. Each course had at least 25 participants. The courses were: (1) Methodology of Fertility and Family Planning Surveys, (2) Techniques of Fertility Analysis and Measurement of Fertility Change, (3) Improving Family Planning through Evaluation, (4) Analysis and Interpretation of Survey Data, and (5) Use of Computers in Fertility Research and Family Planning Evaluation.

The fourth workshop is scheduled for Bogota, Colombia, May 20 to June 4, 1971, under the joint sponsorship of <sup>3504</sup> [La Asociacion pro Bienestar de la Familia Colombiana], <sup>3505</sup> [La Federaci3n Internacional de Planificaci3n de la Familia

(Región de Hemisferia Occidental) Inc.], and CFSC. Of some 150 applicants, about 65 will be accepted; all are managers or operators of family planning programs in 19 countries.

### 3. Evaluation of the Contractor's Performance

At the purely quantitative level, the contractor has already fulfilled his requirement to provide workshop training for at least 150 foreign nationals from up to 30 countries. The first three workshops have enrolled 182 students from 35 LDC's. After the fourth workshop has been completed, the total of participants will rise to 247. At each workshop the contractor has supplied each student with large quantities of textual and special manual materials to use as a guide for follow-up action. A series of nine "Rapid Feedback for Family Planning Improvement" manuals have been used (in mimeographed drafts) at the first three workshops. Manuals 1, 3 and 4 have now been printed, Manuals 2, 5 and 6 are in the process of being printed, and Manuals 7, 8 and 9 will be printed shortly. All manuals are now being translated into Spanish and will be ready for printing in that language by September, 1971.

Qualitatively, the performance of the contractor has been satisfactory. One of the important strengths of these workshops has been the degree of involvement of local institutions and individuals in the leadership and teaching of the workshops. The instruction has emphasized both methodological excellence and accuracy as well as intensive guidance in the practical application of evaluation techniques to family planning programs. The

principal shortcomings of the workshops is (a) their extreme brevity relative to the large amounts of material that is scheduled to be covered (the operating responsibilities of most of the participants, however, make longer workshops impractical), and (b) the lack of intensive followup assistance to assure that the lessons are successfully implemented. Hence the importance of the extensive printed material that is supplied to each student. The performance of the contractor justifies completion of the final two workshops during the third year of the contract in a form consonant with the newly evolved evaluation strategy of the Office of Population. In terms of this strategy, further workshops would be conceived as instruments for the implementation of a comprehensive evaluation system for individual countries, although some multi-country participation in the workshops could continue.

#### 4. Financial Position

In FY 69 and 70, a total of \$273,000 was obligated to this contract. Total expenditures projected through June 30, 1971 are \$187,573, leaving \$85,427 available to fund the two workshops planned for the third year of operations under the original contract. This revised PROP would extend the current contract for two years beyond its scheduled expiration on June 30, 1962, and add \$399,306 for the additional activities during FY 72-74. The additional obligations, however, cover only core staff costs for FY 73 and 74; program funds would be added during FY-72.

## B. Rationale for additional activities

All over the world family planning organizations are rapidly expanding their evaluation activity. Family planning promoters have a growing appreciation for the critical role of systematic evaluation and the incorporation of evaluation findings into new program designs. In concert with this developing concern for effective evaluation systems, AID is increasingly involved in the support of efforts to pioneer improved evaluation methodologies and to design systems that facilitate the rapid feedback of evaluation findings into program decisions.

A basic element in every family planning evaluation system is the procedure for generating and analyzing client and clinic records. Insofar as these records can be constructed, updated and analyzed quickly and with a minimum drain on scarce resources, policy decisions can be better informed and a larger portion of clinic staffs can be directly employed in providing client services. There is, therefore, a critical and continuing need for the development of improved record systems.

Much of the large and rapidly growing body of evaluation methodology, moreover, requires a great deal of data processing and data manipulation. To expect these procedures to be used in the developing countries before they are revised for use on small-memory computers is completely unrealistic. In fact most of the statistical

and demographic computer programs that are essential for family planning evaluation have been written by Americans for use on the large-memory computers available at typical research centers in the United States. This means that even after overseas research and evaluation units have learned the new methodologies, they are powerless to use them on available computers. It is essential, therefore, that the programs that have been written be assembled and adapted for use on small-memory computers. Moreover, wherever an important methodological operation has not yet been developed or computerized, the needed procedure should be developed and/or a packaged program should be written for it so that it may be available to evaluation units.

Finally, the effective dissemination of methodologies and techniques of evaluation for improving family planning programs requires that packages of procedures be accompanied by technical support that assists overseas evaluation units to introduce and fully profit from these new methods. For this function an experienced professional staff is needed that can meet short-term training needs either by working with individual country or organizational groups and by organizing specialized workshops that service representatives of various countries or organizations.

Accomplishing the tasks outlined above without useless duplication of many on-going activities will be impossible if the implementing agent does not place heavy emphasis, at every stage of the project, on intensive and continuing coordination with all of the evaluation

development centers currently contributing to the supply of new and improved evaluation methodology. Hence, it should be a requirement of any contract for this service that the contractor be required to carry out thorough inventories of the "state of the art" before undertaking to supply "missing" computerized procedures. Moreover, before disseminating new manuals or methodological working papers to the field, the contractor should circulate the materials for review and discussion by AID.

### III. STRATEGY

Overall, the strategy for meeting the needs outlined above is to develop a facility that can conduct field tests of improved client and clinic record systems; the same facility should be equipped to collect and improve available computerized methodologies and adapt them to the technical limitations of developing countries; finally it should be prepared to assist overseas evaluation units to implement improved evaluation techniques. Workshops can be employed to provide initial or specialized instruction as needed in improved techniques while mobile professional teams can provide subsequent backup at the host country sites.

The Community and Family Study Center of the University of Chicago can usefully serve as the agent for this project. AID experience with CFSC (under the current contract csd-2251, which extends through FY-72) has evidenced the capacity of CFSC to synthesize and effectively communicate the present state of the art in its workshops for family planning evaluators. CFSC has acquired a high-quality senior staff that is capable of directing and executing the enlarged scope of work implied by this project. The staff members have overseas experience and contacts with numerous evaluation units. In undertaking the expanded scope of work described in Sections IV and V, CFSC would shift the

emphasis of its activity to objective b. (see p. 3 above) and focus its activity on family planning units in two or three countries -- e.g. in Colombia, Peru, Brazil, Korea or Ghana.

Funding for FY-72 would come from two sources: remaining obligations under the original contract of approximately \$85,000 and an additional \$127,000 to support the initiation of new activities. Only core staff costs for FY-73 and FY-74 are provided in the current budget. Program support for these fiscal years will be added at a later date.

In order to achieve the goals of the extended project, the following steps should be taken:

- A. [selection of family planning units receptive to efforts to improve their client and clinic record systems] after consultation with the responsible AID office; joint development of a project design and timetable for implementation.
- B. [definition of a high priority package of computerized procedures for initial development and implementation in the field; subsequent definition of other needed packages of computerized statistical and demographic procedures.]
- C. as needed for the implementation of evaluative systems in specific countries design of special country-focussed workshops for intensive field training; [these workshops would be conceived as the initial phase of training with follow-up assistance to be provided by mobile teams.]
- D. [exploration of selected critical problems that are uncovered] (such as the factors that diminish the impact of family planning communications systems and the major reasons for failure and abandonment of contraceptives) in cases where the CFSC staff's special expertise places

it in an advantageous position for conducting the inquiry.

E. consultation with other AID contractors in this field with a view to the avoidance of unnecessary duplication of effort and with the purpose of sharing information or data useful to the other evaluation centers.

The Analysis and Evaluation Division will monitor the extended phase of the contract, beginning July 1, 1971.

#### IV. PLANNED TARGETS, RESULTS, AND OUTPUTS

Under the extended contract, CFSC would be expected to work with two or three selected countries in the development of a comprehensive evaluation system. In terms of the needs of the emphasis countries the contractor's activities are expected to produce:

- A. Effective field tests of proposed improvements in client and clinic record systems.
- B. Family planning program and evaluation data, to be supplied to interested evaluation centers and, in particular, to the BuGen Data Storage and Retrieval System.
- C. An inventory of computerized evaluation procedures available at BuGen, the University of Michigan, and other program-writing centers, to be completed within the first six months of FY-72, followed by the determination of a first priority package of procedures to be adapted to small-memory computers available in the selected countries. Standard forms for input and writeout would be established and all programs would be written in the standard languages with a view to their easy adoption on numerous makes and models of small computers. User manuals would be developed for these procedures.

- D. Starting in FY-72 two country-focussed workshops each year in evaluation training at overseas sites , as needed.
- E. Short-term technical assistance to individual overseas evaluation units in the emphasis countries with a view to making the program packages operational and assisting the units to exploit the data they are collecting.
- F. Selected investigation of critical problems where CFSC is, by its development of the data or professional expertise, in the most advantageous position to pursue the issue; all study projects will be by written agreement with the Project Monitor.

V. COURSE OF ACTION

The current contract AID/csd-2251 with CFSC expires on 6/30/72. This proposal would extend the contract to 6/30/74 and would initiate new activities (i.e. other than the two workshops covered by the original contract) at one-half the scheduled annual level for the first year and then at the full annual level for the two following years.

Phase 1 actions would occur during FY-72. They would include the following:

- A. After consultation with the responsible AID offices, agreements with host country institutions to conduct tests of improved client and clinic record systems will be established; activity will be concentrated in two or three countries.

B. CFSC would conduct intensive study of the BuCen operation and would arrange a conference to which representatives of all of the major program-writing centers would be invited. Out of these contacts a comprehensive inventory of computerized procedures would be drawn up. A priority package of programs would be defined, missing programs would be written, and all programs would be adapted to small-memory computers, and prepared for dissemination together with user manuals.

C. As needed for implementation of comprehensive evaluation systems up to two country-focussed workshops will be organized for training in evaluation procedures.

D. A unit of experts available for overseas support will be developed and, as required, short-term overseas assistance to individual evaluation units in the selected countries will be initiated for the purpose of implementing improved analytical procedures.

E. A procedure for adding useful family planning program and evaluation data to the BuCen Data Storage and Retrieval System will be implemented in cooperation with BuCen.

F. Development of needed methodologies to evaluate the social and behavioral aspects of family planning programs will be initiated.

Phase 2 actions will occur during FY-73-74. During this period:

A. Lower priority packages of programs and manuals will be assembled and prepared for overseas use; the results of earlier packages will be evaluated.

B. Overseas assistance to individual evaluation units will be expanded as needed.

C. As needed, up to two country-focussed workshops will be conducted each year.

D. Further work on developing needed methodologies will be carried out.

## VI. EVALUATION

Various forms of evaluation are built into this project. Proposed improvements in client and clinic record systems will be evaluated against previous performance in the programs assisted. The packages of computerized procedures to be developed will be evaluated in terms of the cost of implementation and their proven usefulness in the field. Occasional special studies will be evaluated both by the Project Monitors and by the responsible officials of CFSC.

BUDGET REQUIREMENTS

Rapid Feedback for Family Improvement

	<u>FY-69-71</u>	<u>FY-72</u>		<u>FY-73</u>	<u>FY-74</u>	<u>TOTAL</u>
		<u>Original</u>	<u>Additional</u>			
Wages & Salaries	108,217	49,286	78,241	161,933	170,032	567,709
Travel	25,418	11,576	6,200	20,000	20,000	83,194
Computer	- -	- -	3,000	4,000	4,000	11,000
Printing	- -	- -	4,000	5,000	5,000	14,000
Other Misc.	15,106	6,880	5,750	7,250	7,250	42,236
Indirect Costs	38,832	17,685	30,479	53,191	55,852	196,039
TOTAL	187,573	85,427	127,670	251,374	262,134	914,178

BUDGET REVISIONS  
 Training in a System of Evaluation - "Rapid Feedback for Family Improvement"

	<u>FY 69-71</u>	<u>FY-72</u>		<u>FY-73</u>	<u>FY-74</u>	<u>TOTAL</u>
		<u>Original</u>	<u>Additional</u>			
Wages & Salaries	108,217	49,286	78,241	95,361	100,131	431,236
Travel	25,418	11,576	6,200	- -*	- -*	43,194
Computer	- -	- -	3,000	- -*	- -*	3,000
Printing	- -	- -	4,000	- -*	- -*	4,000
Other Misc.	15,106	6,880	5,750	- -*	- -*	27,736
Indirect Costs	38,832	17,685	30,479	37,143	39,001	163,140
<b>TOTAL</b>	<b>187,573</b>	<b>85,427</b>	<b>127,670</b>	<b>132,504</b>	<b>139,132</b>	<b>672,306</b>

\*Note: For FY-73 and FY-74 no program funds are included in this budget. Only core staff funding is provided.