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~~Hiny~~ 29.

~~disB~~
~~ES~~

ACTION MEMORANDUM FOR THE ADMINISTRATOR

THRU : EXEC

R. Martin
20991

FROM : AA/PPC, Philip Birnbaum

SUBJECT: Laboratories for Population Statistics - \$1,913,000

Problem: The developing countries (LDC's) and AID require assistance to develop timely and reliable demographic and family planning data. The most crucial need over the next several years is the measurement of the levels and trends of fertility, particularly in those LDC's with large AID-supported family planning programs. Because life-of-project funding for this Development Grant exceeds \$2.0 million, your signature is required on the attached PROP face sheet authorizing the continuation of this assistance.

5/21/75

Discussion: This project is designed to develop in selected LDC's (world-wide) the institutional capabilities and manpower resources for the application of improved demographic methodology in the collection and analysis of fertility statistics and other demographic data. This will be accomplished by working with selected high priority countries to establish new or improve existing data collection systems to help insure a continuing flow of reliable fertility data for the country as a whole or for major subdivisions.

A clear distinction should be drawn between what POPLABS will do and what World Fertility Survey is doing. Under the new focus, POPLABS will concentrate on the continuing measurement of fertility and mortality levels and trends. It will provide annual and perhaps bi-annual data on a rather narrow set of variables (e.g., fertility rates by age and parity, mortality rates by age and sex).

The POPLABS project will normally provide data for administrative subarea as well as national totals and the data will generally be more reliable in that the sampling size will be large enough to reduce sampling variance and the techniques employed will be those that have been demonstrated to be highly successful in obtaining reports of a substantial portion of the events being counted.

WFS is at the moment a one-time survey and even if it is repeated five or more years hence, we will not have data for the intervening years. Moreover, WFS is dealing with a relatively small sample which will necessarily yield estimates with relatively wide sampling variance and will rarely provide subnational data which are badly needed by country program managers. It is

a highly useful means of obtaining more in depth information on fertility and family planning behavior and the factors that impact there on.

There is a continuing need to perfect our measurement tools which should not be underestimated. Unless we know the accuracy with which various approaches measure fertility, we may find ourselves citing statistically incomplete data as evidence that fertility has declined.

A formal evaluation of the entire worldwide POPLAB program including overseas visits to five countries has recently been completed. The proposed program covered in the attached PROP reflects the findings and recommendations of that evaluation; the overall project will be monitored on a continuing basis. Yearly evaluation and increased emphasis on overseas activities are planned.

The grant has been revised and cleared by all AID offices concerned.

Recommendations: That you sign the attached PROP face sheet authorizing this project.

APPROVED _____

DISAPPROVED _____

DATE _____

Attachment:
PROP

Clearances: /s/ Harriett S. Crowley

AA/PHA, H. Crowley _____ date MAY 7 1975

facc/11/75 J. Miller *[Signature]* _____ date *4/21/75*

PHA/POP, R. T. Ravenholt *[Signature]* _____ date *24-4-75*

Drafted by: PHA/POP/DEA: *A-TO* *de* A.T. Onaka/J. Gelb: 4/24/75

UNITED STATES GOVERNMENT

Memorandum

~~1) PHA/PRS~~
2) W/...
PHA/PRS, ~~M... 9320861~~
PD-AAD-398
MM...
DATE: September 18, 1974

TO : PHA/POP/DAE, Mr. Jack Lawson
FROM : PHA/PRS, William S. Lefes
 Evaluation Officer
SUBJECT: Poplabs Evaluation

In followup to our recent discussions regarding the evaluation of Poplabs, let me reiterate for the record our agreements.

We had originally agreed that if it were possible to make site visits to all six of the labs it would be desirable. However, we realize that this would not be feasible, therefore, agreed on site visits to at least three of the Poplabs. In our recent discussion you stated that Kenya was stricken from the list of Poplabs to be visited because of certain problems related to you by Al Lackey. Therefore, I am assuming that the Morocco, Colombia and Ecuador Poplabs are still on your list of site visits. I believe it is important that at least three labs be included in the evaluation.

While it is desirable to visit additional Poplabs because of their unique character, I understand your office believes that these three Poplabs will provide adequate feedback needed to examine North Carolina's role in Poplab development. I have no difficulty with this recommendation. I hope you will be able to obtain country clearances for the site visits.

Following the site visits you and Alvin plan to visit North Carolina and talk to the principals about the Poplabs.

Following your site visits and your North Carolina visit, you will want to prepare a draft evaluation report for our joint consideration prior to finalizing the report.

- cc: AA/PHA, JAKieffer
- DAA/PHA, HSCrowley
- AAA/PHA, AFurman
- PHA/POP, RTRavenholt
- PHA/POP, GGilmore
- POP/DAE, JBrackett
- POP/DAE, DMutchler
- PHA/PRS, MFowler

UNITED STATES GOVERNMENT

Memorandum

Prop. file
Ray Ravenholt
9320861 (10)

Ray Ravenholt

932-861

DATE: January 21, 1970

8p.

TO : TA/POP - Dr. R. T. Ravenholt

FROM : AA/TA - Samuel H. Butterfield

PD-AAD-398

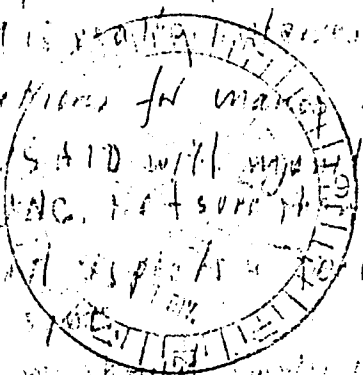
SUBJECT: Population Laboratory, Morocco

As you know, I have authorized the cable and approved the implementation of the subject sub-project. However, it seems to me that activities such as this, which take place in a single participating country or region, might best be managed, if not funded, by the pertinent geographic Bureau. I also think it would probably be more logical for the Bureau involved to be responsible for most cables to the Mission.

The Regional Bureaus and the Missions appear to me to be in a better position to monitor sub-projects such as this. Unless you feel that there are important factors that I have overlooked, I would appreciate your discussing with the Bureaus the desirability of their taking the initiative for future sub-projects for this and similar activities.

Re:

1. Approved in general
2. This was an exception because Morocco didn't have funds for this year.
3. Activities had to be formulated again because we were short on details
4. Initiated by Bureaus is not strong for projects like these.
5. This project is really a result of investigation was implications for making a plan
6. We need a USAID with support for this project and we will monitor WFC. Not sure that we are in a good position to monitor for all aspects a technical details but at least being aware of the project.
7. Feel that we should support such projects any way we can to get things going under the rigid bureaucratic regulations.



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL 27515

SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF BIOSTATISTICS

February 3, 1970

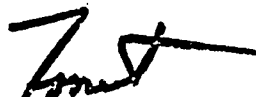
Dr. Reimert T. Ravenholt
Director, Population Service
Agency for International Development
1711 New York Avenue, N.W.
Washington, D.C. 20523

Dear Ray:

You may be interested in a copy of the first semi-annual report on the POPLAB project.

As required by the contract I have sent 30 copies to your Research Division but thought that you might like to get one directly.

Best regards,



Forrest E. Linder

P.S. I expect to be in Washington February 11, 12 and 13. The first day I'll be in your building most of the time and will hope to see you if you are there.

FEL:kf

University of North Carolina
Chapel Hill, N.C.

January 15, 1970

Progress Report on
Laboratories for Population Studies (POPLAB)
for period July, 1969-December, 1969
(contract AID/csd-2495. and Task Order No. 1)

1. Introduction

The POPLAB contract between AID and UNC was signed only six months ago but the initiation of this project has created widespread interest and enthusiasm. In the short time the project has been functioning it has been actively discussed at several national and international meetings, a number of population experts have expressed interest in it, and a large number of institutions have expressed an interest for some affiliation with the project.

There is general recognition that a population program cannot proceed without improved sources of basic data for planning and control, and that such data are also indispensable for the more comprehensive aspects of economic development.

2. POPLAB developmental unit

As provided in the contract a POPLAB developmental unit has been established. The unit has been established under the joint auspices of the Carolina Population Center and the Department of Biostatistics at the School of Public Health. The director of the unit is Dr. Forrest E. Linder, Ph.D. The unit is located in a rented house (206 Vance Street) which is being adapted to serve as the POPLAB center and which will have adequate space for all of the major POPLAB staff. Some of the faculty related to the POPLAB developmental unit as part-time specialist personnel will be located in other parts of the Biostatistics Department space.

Some caution has been used in building up the POPLAB central staff. The nature and professional specialties of the central staff are obviously somewhat dependent upon the final design of the international POPLAB activities which will be determined only as contracts for these activities are negotiated. As a preliminary measure therefore extensive use on a part-time basis has been made of existing Biostatistics personnel, and of various faculty and professional staff from other agencies on a temporary basis. In this way highly qualified staff has been available from the University of California at Los Angeles, the University of Alberta, the National Center for Health Statistics, etc. We are now however moving into the stage of identifying staff to be assigned to the POPLAB project on a full-time basis while continuing to use personnel with specialized knowledge from other agencies on short-term arrangements.

3. Negotiation of POPLAB agreements

In the initial six months period of this contract overriding priority has been given to the development of concrete plans for the POPLAB activities in other countries and to the negotiation of contracts and agreements with various USAID offices and cooperating country institutions. In summary form the state of the negotiations is as follows: (A brief statement is given in Section 4 below about each country.)

Negotiations well advanced

Colombia - with USAID and Colombian Departamento Administrativo Nacional de Estadística (DANE)
 Morocco - with USAID and Moroccan Division of Statistics (DOS)
 Philippines - with USAID and Research Institute for Mindanao Culture of Xavier University (RIMCU)

Negotiations in earlier stages

Costa Rica
 Chile
 Uganda
 ECAFE

4. Status of negotiations

a. Colombia

A UNC representative visited Colombia in October 1969 and had detailed discussions with USAID and DANE which resulted in a specific POPLAB proposal for Colombia. The proposal which was prepared (copies have been supplied to AID/Washington) contained the elements of an agreement between USAID and the Colombian government, the details of the general POPLAB working plan, the fiscal elements of the plan including a general estimate covering the anticipated 5-year duration of the project and more precise estimates of the first 16-month firm budget period, and a calendar of operations.

Subsequent work both in the USAID office and at UNC have further refined the proposed proposal. It is understood that general approval for this project has now been requested from the cognizant AID Bureau and that such approval is forthcoming. It is anticipated that final negotiations leading to a contract between USAID in Colombia and UNC will take place early February and if no problems develop an initial funding date in March is expected. As soon as the contract is approved UNC will be prepared to send a small mission to Colombia to resolve the major first problem - that is the design and location of the sample areas. This will be followed later by a more extended mission that will work out the minute details of the operating plan for the first major project, including questions of content and form of survey questionnaires, program for training interviewers, etc. Following this UNC is preparing to assign a full-time resident representative to Colombia to continue consultation of the POPLAB program.

b. Morocco

A UNC mission visited Morocco in September 1969 and had detailed discussions with USAID and officials in the Ministry of Plans and the Moroccan Statistical Organization. On the basis of these discussions a POPLAB proposal was developed giving a general outline of the overall program, specific details of the first major project, and time and budgetary schedules. (Copies of this proposal have been sent to AID/Washington). In October, November and December a number of conferences were held in Washington to further define the elements of the plan. It is understood that AID/Washington has now sent approval to AID/Rabat to proceed with contract and PROAG preparation. It is assumed that such contract negotiations can be completed within several months and that this project can be funded and in operation before the end of this fiscal year. UNC is now preparing to provide the temporary and resident advisers and other technical back-up as provided in the proposal.

c. Philippines

A UNC mission visited the Philippines in December 1969 and had detailed discussions with USAID staff, officials of the Philippine government, and a representative of Xavier University. A detailed POPLAB proposal was developed as well as draft contracts and other related documents required for AID implementation of the project. In December 1969 it was understood that USAID would communicate with AID/Washington for authorization to proceed, but of course by the end of the period covered by this report (31 December 1969) there has not been sufficient time for Washington to have received the documentation. It is assumed that negotiations on this project will proceed on a schedule that will permit funding before the end of this fiscal year. The UNC is making plans so as to be ready to fulfill its obligations under the drafted agreement.

d. Costa Rica

A representative of UNC visited Costa Rica for preliminary discussions with USAID and Costa Rican agencies about the nature and function of a possible POPLAB project in Costa Rica. There was general agreement that a project of this nature would be most valuable in Costa Rica. However because of the fact that official statistics on vital rates in Costa Rica are of a rather high quality the character of the research program would be different than for Colombia, Philippines or Morocco. It was also considered essential that if a POPLAB were established it would have to be located organizationally so that it did not drain talent from other population projects now being undertaken by the Costa Rican government or private agencies.

Fortunately it was found that the Institute of the Faculty of Economics had substantial statistical and survey talent which was not heretofore engaged in population work but would have interest and available time to undertake a broad gauged survey and research program in this field.

Detailed discussions indicated that it might be possible to arrange a pattern of cooperation under which the Institute of Statistics carried out the research program but with the program guidance of a group of the agencies concerned with population action programs. In this way the project could be responsive to the needs of the population agencies and would serve them but the population agencies proper would not have to be concerned with the POPLAB operations directly.

The matter was left with an agreement that the Costa Rican agencies would develop tentative ideas for this cooperative plan and that these would be discussed with USAID and UNC in the later part of FY 1970.

e. Chile

No UNC representative of UNC has visited Chile to discuss POPLAB projects. However it has been possible to have discussion with USAID representatives from Chile in Washington, with representatives of the Ford Foundation Santiago office in Chapel Hill and with Chile School of Public Health officials while in London.

In brief the situation looks very favorable for the establishment of POPLAB activities there. The Faculty of Economics in Santiago has very expert talent in survey methods and is interested in turning this talent to population questions. They would want however to set up a cooperative relationship with agencies concerned with the substance of population questions so as to have assistance in developing a research program and a program of field surveys that would serve directly the needs of population agencies. Everything indicates that such a cooperative relationship could be established and that a very viable POPLAB project could be established. Because of the high visibility of Chile in population matters a project here could be expected to have influence over a very broad sphere.

In spite of the potential of a POPLAB project in Chile, higher priority has been given to the completion of negotiations already underway in other countries. It is considered appropriate that more active discussions with Chile be initiated in the later half of FY 1970.

f. Uganda

Preliminary site visits identified Uganda as an appropriate and interested area for a POPLAB project. To date, however, arrangements have not been made to revisit Uganda in order to continue negotiations. It is, however, considered most important to have a POPLAB project in Uganda or in some other African country south of the Sahara. UNC hopes to continue discussions with AID/Washington to determine the appropriate timing for a second exploratory visit to this area.

8. ECAFE

Directive staff of the newly created Population Division of ECAFE has expressed informally an interest for some affiliation with or participation in the POPLAB program. No detailed discussions have yet been undertaken, but since no projects have yet been planned for the NESAs region, it might be very useful to explore the possibilities with NESAs officials in Washington.

5. Methods research

The basic AID contract and Task Order call for the preparation of "manuals" and elaboration of study proposals. Obviously these are long range tasks the nature and content of which should be determined partially by the character of the POPLAB contracts in individual countries. Nevertheless substantial progress has been made in the preparation of an initial draft of a manual on POPLAB mapping and dwelling identification. Work has also started on a document dealing with the topic coverage in POPLAB surveys.

Some consideration has also been given to the elaboration of the study protocols, preliminary samples of which were given in the Laboratories for Population Studies, Vol. 2. It is now considered that this preliminary effort could be greatly expanded and would result in a document that could be entitled "Needed research in the Measurement of Population". Such a volume, issued in continuously expanded and improved issues could have a notable impact on the research programs of many institutions which may not be financed by AID.

One of the greatest hindrances to improved statistical and methodological research in many foreign institutions is the lack of access to pertinent scientific literature related to the problem to be studied. Consideration is being given to the establishment of a POPLAB reprint series that would serve as a means of providing POPLABs and affiliated institutions with reprints of selected articles directly bearing on topics under study.

6. Financial Summary

A summary of the expenditure status of the budget funds provided under Task Order No. 1 is given on page 6.

Carolina Population Center
University of North Carolina at Chapel Hill

Population Laboratories
(AID/csd - 2495, Task Order No. 1)

Financial Status Summary

<u>Object Class</u>	FISCAL YEAR 1970			FY 1971
	<u>Firm Budget</u>	<u>Actual Obligation (30 Nov '69)</u>	<u>Estimated Expenditures (remainder of FY 70)</u>	<u>Estimated Expenditures</u>
Salaries and wages	\$ 97,130	\$ 33,562	\$ 63,568	\$ 101,960
Fringe benefits	13,350	2,954	10,396	14,420
Consultants	5,000	2,350	2,650	5,000
Travel and allowances	10,000	5,000*	5,000	12,000
Other direct costs	14,700	6,105	8,595	11,510
Overhead	<u>32,520</u>	<u>32,520</u>	<u>0</u>	<u>35,420</u>
Totals	\$ 172,700	\$ 82,491	\$ 90,209	\$ 180,310

* Actual plus estimation to cover unliquidated travel advances and tickets purchased by USAID Travel Office.

UNITED STATES GOVERNMENT

Memorandum

file WF of Pop Lab 9320861 (11)
page 2 86/

PD-AAD-398

TO : POP/DEMO, Mr. Alvin Onaka

DATE: December 17, 1974
2p.

FROM : EA/DP, *William S. Lefes*
William S. Lefes

SUBJECT: Comments on Draft Pop Lab Evaluation Report

I regret the delay in providing you with comments on your draft evaluation report. Following are my comments that should assist your finalizing the report.

1. Please note the draft attached here to with my red pen comments. You will note I have deleted some of the information that was of a philosophic nature regarding the rationale for the project. Hopefully some of this will appear with any new PROP that is developed. The report needs to be shortened if you expect people to read it.

2. The most serious deficiency of this report is the lack of evidence to support your statement under of End of Project Condition on my new page No. 12 in which you say that "...there is evidence of creation of new entities...." I am suggesting that you identify the several indications for measuring this and supply what evidence you can to support this statement.

3. A second deficiency is in End of Project No. 3.2. regarding the use of research findings in developmental and statistical planning. We need some evidence to demonstrate this phenomena.

4. I question the need for all of the appendixes. Please review them and consider reducing the paper requirement.

5. Please note the comment I have made regarding the intermediate goal of this program. This goal is actually the one identified as the category 1 project goals. It is a goal that should be the focus of the action agenda. It is the development of demographic and statistical data systems in the developing world.



5010-110

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

Having said that the important assumption is clarified, i.e., that demographic and statistical data systems are necessary to reduce fertility. In order to evaluate the project at the program level, we need to validate the assumption with evidence that demonstrates the linkage between data systems and reduced fertility.

I am not certain if this can be done with data available to us. Lots of luck !

cc: PHA/PRS, RMartin
PHA/PRS, MFowler
AA/PHA, JAKieffer, HSCrowley, ARFurman
PHA/POP, GGilmore
POP/DEMO, JBrackett
PHA/POP, RTRavenholt

UNITED STATES GOVERNMENT

17
9320861 (12)

Memorandum

TO : PHA/POP, R. T. Ravenholt

DATE: December 13, 1972
12p.

FROM : PHA/POP/R, J. Timothy Sprehe
PHA/POP/R, Charlotte Ellis *J. Timothy Sprehe*

PD-AAD-398

SUBJECT: In-depth Review of AID/csd-2495, Laboratories for Population Statistics (POPLABs), University of North Carolina; Forrest Linder, Principal Investigator

Subject contract was submitted for intensive review over the two-day period, October 12 and 13. The first day was devoted to scientific aspects of the program and the second to administrative matters. A.I.D. was fortunate to have, for the first day, the expert advice of Drs. Conrad Taeuber and Thomas Jabine of the U.S. Bureau of the Census and Dr. Oswald K. Sagen of the National Center for Health Statistics. In addition, Mr. John Rumford, who has had extensive field experience in Liberia, gave us the benefit of his expertise during the first day. The UNC group which attended the review included Dr. Linder, his deputy Dr. Robert Myers, Dr. Joan Lingner and Ms. Eliska Chanlett. From A.I.D., representation had been invited from PHA/POP, AA/PHA, CM/COD, PPC/FDA, and the various country desks involved. Considering the size and importance of this program, attendance levels on the part of A.I.D. personnel were somewhat disappointing.

Subsequent to the review, a draft evaluation of subject contract was prepared and circulated to the outside experts. Each expert then wrote a commentary on PHA/POP's draft evaluation, providing his own point of view on the POPLAB program. This memorandum combines the draft evaluation with the comments from the outside experts.

The memorandum does not delve into budgetary analysis. PHA/POP/R is currently seeking detailed budgetary figures concerning the POPLAB program. These figures, when analyzed, will be presented in a future memorandum, after consultation with PHA's Program Review Staff.

Evaluation of Accomplishments. According to the Basic Ordering Agreement, as amended, UNC was to establish a Development Unit at Chapel Hill and at least four Type A POPLABs. This has now been accomplished: POPLABs of the Type A variety now exist in Colombia, Morocco, the Philippines and Kenya. Ecuador is a Type B POPLAB and Kenya represents the combination of Types A and B which is known as Type C.

What of the quality of these accomplishments? There are two basic foci of the program which may be abbreviated into Institutionalization and



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

Methodology. That is, the program was to assist in development of indigenous competence in demographic statistics through creation of new organizational entities for this purpose; and, the program was to develop and test new methodologies particularly suited to the LDCs. The two foci may be viewed separately.

1. Institutionalization. How well has the program done at creating and strengthening institutional capabilities in demographic statistics?

A. Colombia. (27 months in existence as of November, 1972)
A new unit, known as CIMED, has been established in DANE, the cabinet-level national statistical agency. CIMED has a staff of six professionals, plus a UNC resident advisor, and in addition has two field offices with professional direction. It functions as a research unit for DANE and UNC claims that DANE now looks to CIMED as the locus of a new demographic research expertise that did not formerly exist. The Colombian government provides office space, transportation, and some other support facilities and personnel.

B. Morocco. (17 months in existence as of November, 1972)
A unit known as CERED has been established in the Statistics Division, Office of Prime Minister. CERED has been assigned central responsibility for demographic research in the Moroccan government, works closely with the Economic Plan staff and is considered by the Moroccans to be a permanent unit. Three qualified professionals make up the core of the staff, plus a UNC resident advisor, with additional middle management personnel and a field staff. Over the five-year agreement, the Moroccan share of costs will rise to 50%.

C. Philippines. (18 months in existence as of November, 1972)
The POPLAB exists in MCPS, part of RIMCU, in Xavier University. It is thus not a governmental unit, but has close ties to the government. The staff consists of four professionals in addition to clerical and field staff. There is no UNC resident advisor. Government ties can be seen in the fact that the assistant director of MCPS is seconded from the Census Bureau, close consultation has been maintained with Tito Mihares, director of the Census Bureau, MCPS is virtually identical to the Census Bureau's Mindanao field office, and the Census Bureau is now experimenting with a variation of the dual-record system adapted from the POPLAB. Xavier University provides office space, research facilities and some personnel.

*R. G.
Inst. for
Mindanao
Cultures*

D. Kenya. (4 months in existence as of November, 1972)
A unit known as DSU has been established in the Statistics Division of the Ministry of Finance and Economic Planning. It is considered a permanent unit and expected to be the agency responsible for demographic research in Kenya. DSU has a core staff of two professionals and will eventually include a field staff. Kenyan contribution over five years will rise to 50%.

E. Ecuador. (1 month in existence as of November 1972)

A unit known as CAD has been established in the National Planning Board. CAD has a core staff of four professionals. There is no UNC resident advisor. The government of Ecuador provides office space and research facilities.

In summary, it appears that the POPLAB program has thus far been remarkably successful on the institution-building side. The program has generally accomplished the not inconsiderable task of creating new demographic research units in governmental agencies, units which are situated well as regards access to national policy-making mechanisms. The sole exception to being situated within government agencies is the Philippines, and there the ties to government agencies are quite strong.

The outside experts who attended the review were in full agreement with our analysis and evaluation of the institutionalization aspects of the POPLAB program.

2. Methodology. What have been the accomplishments of the POPLAB program in developing and testing new methodologies for demographic statistics?

A. Colombia. Mapping of study areas, drafting of questionnaires, etc. has been accomplished. The dual-record system is in operation and is the first test of this methodology in Latin America. Various methodological results have been reported. From a substantive standpoint, surveys have yielded preliminary data on birth and death rates for the study areas: birth rate is 40-30 in urban areas under study, 50 in rural; death rate is 12-9 in urban and 15 in rural; in the coastal zone, birth rate is 50-45 in urban area, 40 in rural. CIMED is also working closely with the forthcoming census.

B. Morocco. Study areas have been selected and the dual-record system is in process of implementation. A new system was developed for transforming essentially tribal rural communes without recognizable geographical boundaries into a sampling frame from which area clusters could be selected. This experience may open up to Morocco a means of scientific sampling it has not possessed before. Substantive results in terms of birth and death rates have not yet been achieved, but should be available in early 1973.

C. Philippines. Study areas have been selected and mapped and the dual-record system implemented. Three survey rounds have been completed and the continuous observation process has been in operation for a year. Preliminary results have been obtained for birth rates, and they indicate that the birth rate is 43 for the urban area, 46 for the rural. Data for death rates have not yet been processed.

D. Kenya. Study areas have been selected and samples drawn. Dual-record system will be implemented and compared with a multiple round, retrospective survey, improved by application of the Brass techniques and other methods. Mapping and housenumbering are now underway.

E. Ecuador. This is a Type B POPLAB and hence emphasis is on analysis of existing data. Ecuador already has a fairly adequate vital registration system. Staff will compile and analyze existing data,

prepare projections, evaluate vital registration system, and collaborate in forthcoming census.

F. UNC Development Unit. The Development Unit has provided resident advisors and various TDY consultants (and, of course, designed and negotiated each POPLAB). It has carried on annual international POPLAB conferences, calling in the key staff members of each POPLAB for several days of review and exchange in Chapel Hill. It has placed considerable emphasis on scientific exchange, both among the POPLABs and to selected persons and organizations outside the program. The publications program has issued five publications in the Scientific Series, one in the Manual Series and three in the Reprint Series. Thirty-four additional publications are in various stages of processing.

On the basis of the above, it would appear that the POPLAB program has performed adequately in the task of testing new demographic methodologies in LDC settings. This is not to say there is no room for improvement and strengthening of the program. The following section is devoted to discussion of ways in which we and/or the outside experts felt the program could be bettered.

Issues. The following items are matters which concerned us and our outside reviewers. However, before launching into questions of how the POPLAB program could be made better, it is well to keep in mind the overall evaluation of our outside experts as well as ourselves. In general, the program is seen, as one outside expert put it, as a "carefully designed plan of action being carried out with gratifying success in approaching its stated objectives." POPLABs was felt to be a model of its kind in technical assistance, a standard to which other programs might well aspire. If the outside experts had comments and suggestions, the context was one of making an excellent program even better in the future; no note of "failure" was struck concerning the program.

1. The Dual-Record System. Considerable attention was devoted to explaining the dual-record system and ascertaining its utility. In general, it seemed to be the opinion of the outside experts that the dual-record system has faults and contains a number of unknowns, but is currently the best system going for what it tries to do. As regards faults, Mr. Rumford pointed out that there is probably a strong correlation between events that are not recorded by both systems; e.g., a 15-year-old girl in a Moslem culture who has a baby will try to conceal the fact both from the continuous observer and from the retrospective survey team. Again, neonatal deaths are often missed by both systems because the family may not consider the child a member of the family until a certain age is reached and the neonatal child is, culturally speaking, a non-event to the family. Be that as it may, no other method presently available seems better.

The POPLAB program seems to have a strong commitment to the dual registration system. This system is probably the best procedure for use under the circumstances encountered in LDCs. However, there are unanswered questions relating to the reasons for defects in each of the two data collection systems, the applicability of the Chandrasekar-Deming formula and its possible deficiencies, the possibility that greater reliance should be placed on the data needed for the application of the Brass approach, the optimum size of the observation area, the optimum frequency of retrospective interviewing, and similar matters. What emerged from the review and the comments of the outside experts was that POPLABs does not seem to have a research agenda for answering these questions. The dual-record system is indeed being implemented in various locales, but we question whether sufficient research effort is being devoted to improving the system. In other words, we wonder whether sufficient attention is being paid to the program's responsibility for improving existing methods and developing new methods, over and above testing existing methods.

2. Research in the Development Unit. The above point leads to the question of what research functions are being provided by the UNC Development Unit and whether these functions are properly oriented. The Unit appears to be doing an admirable job from the entrepreneurial and managerial side, serving as a service organization to the POPLABs once they are begun, coordinating, disseminating, providing consultants, etc. We raise, however, the specific question as to the scientific productivity of the UNC Development Unit with regard to improving existing methods and developing new methods.

To put the same matter a slightly different way, the UNC Development Unit has not enunciated to our satisfaction a coherent, overall, directed research strategy into the development of methodology. A more positive statement is needed that these and related methodological items are on the agenda for early and continuing attention. Could not POPLABs experiment with different ways of implementing the system? e.g., varying cluster sizes, varying the qualifications required of persons hired as interviewers or registrars, alternatives to straight list sampling of villages, use of demographic analytical techniques to check the system results, etc.

One outside expert stated the matter as follows. What the POPLABs are actually doing is implementing existing methods and demonstrating their use. For him, the projects currently ongoing would be characterized as "Demonstration and Development" rather than "Research," for the research component seems incidental. If more emphasis on research is deemed desirable, then purposeful alternatives should be tested between POPLABs. It appears that the differences between the several POPLAB projects are mainly the exigencies of the situation without much concern for designed experimentation. It should be possible to capitalize on the differences between the countries and

their set-ups so as to carry out some coordinated experiments in the practical methods being applied. In this connection, the decision to hold joint POPLAB conferences again with several countries at a time, rather than singly, is laudable.

By way of balance, the above comments should be set against the difficulty of conducting good methodological research in the best of environments, let alone LDCs. As another outside expert pointed out, conduct of good methodological research is doubly difficult in LDCs when the principal architects of the research--UNC staff and resident advisors--have no direct control over the execution of the research. A suggested solution to this quandary might be to limit important methodological research to only one or two POPLABs, under conditions where the host country would agree to allow the UNC staff and resident advisor to play a much more important role in designing, conducting and reporting on experiments. Other Type A POPLABs could concentrate more on the development of national operating systems--cf. below--although not discouraging experimentation if the host institution is genuinely interested and has the capability to do it. To be sure, the expert said, one must avoid an "imperialistic" approach in this program. On the other hand, what is the use of having UNC send out topflight consultants to the POPLABs to design experiments if the experiments cannot be effectively carried out and reported?

3. Shifts in Focus. Since the initiation of the POPLAB program, there have been certain shifts in focus--to which A.I.D. acceded by relevant contract amendments--notably the introduction of the various "types" of POPLABs. The Type B lab, in particular, moves away from the concentration on improvement of demographic data collection systems to methods for improved analysis of existing data. To the extent it does so, the Type B lab should find its justification more in the area of institutionalization. In the Ecuadorean case, there does seem to be institutionalization taking place: a new unit established in the National Planning Board. The proposed lab in Nigeria, however, is another matter. There the POPLAB would be situated in the University of Ife, not in a governmental unit. Careful investigation would be necessary concerning the link to governmental agencies and a case for institutionalization would seemingly have to be made. (Not to mention the fact that the USAID, while concurring in the proposed POPLAB, wishes to remain completely uninvolved in the Nigerian lab, thereby posing an administrative quandary.) When questioned on these matters, UNC seems to fall back on the position that Nigeria is an important country and something should be started there in demographic research. While this point can be granted, it remains to be decided whether a POPLAB is the thing to start in Nigeria.

4. Role of the Resident Advisor. The UNC resident advisor appears to be solely an advisor. He has no on-the-spot clout as leverage on his host country counterparts. If the resident advisor were to disagree with his host country colleagues, he would presumably report the disagreement back to UNC and UNC would negotiate with the host country. Admittedly, this setup respects the autonomy of the host country. On the other hand, it puts the resident advisor in a potentially frustrating position: what is the good of giving advice if it will not be accepted? UNC points out that they are in close touch with their POPLABs and that lines of communication are kept sufficiently open that problems which might rise can be ironed out quickly. While there is no cause to doubt UNC on this score, the role of the resident advisor seems a delicate one and something which bears watching, particularly as to how UNC can assert the leverage needed to assure that local institutions follow an agreed upon scientific program.

5. Delays in Publication. There was some evidence in the review that UNC is experiencing difficulties in getting POPLAB personnel to write up and publish their reports and findings. Conversations subsequent to the review with some USAID officers reveal that the Missions are also concerned over this matter and are attempting to bring some pressure to bear on host country POPLAB professionals to remedy the situation. It was suggested at the review that perhaps POPLAB personnel could be brought to Chapel Hill for a month or so and given a kind of mini-sabbatical, away from the pressures of the home working situation, during which they could write up their reports. One USAID officer with whom we discussed this suggestion did not think it meritorious; he felt the writing up of results was a clearly defined part of the POPLABs job and that a fairly hard line should be maintained in impressing on the host country professionals that they would be held to the job. It should be emphasized that this problem is not pervasive throughout the POPLABs; most are on schedule for the reporting of results.

The Future. What should be the future of the POPLAB program? It seems inescapable that A.I.D. should extend the Basic Ordering Agreement for another five years, because Task Orders under the program, which are already signed and in effect, extend nearly this far beyond the Basic Ordering Agreement. Given this, however, there are still questions about the basic directions of the program for the future.

1. How long-term should A.I.D.'s conception of the program be? Dr. Linder argues that the POPLABs, or something quite similar, should be the type of assistance that A.I.D. should conceive as stretching indefinitely into the future. He says that the matter of getting adequate vital registration systems in operation in LDCs is a matter that, at a conservative estimate, will take another 50 years. This is so because registration systems are legal systems and are typically embedded in ministries of justice or ministries of the

interior. In other words, they are not the responsibilities of agencies which have an intrinsic interest in demographic and statistical questions. The outside experts were in agreement with this analysis and thought it realistic. Programs aimed at institutionalizing demographic research and developing methodology especially suited to the LDCs will therefore, according to Dr. Linder, be necessarily a continuing concern of A.I.D. or any successor agency for a very long time to come. Consequently, A.I.D. should not consider putting a finite deadline for phasing out POPLABs so long as contract performance is satisfactory.

what about other agencies?

2. How many POPLABs? Dr. Linder states that six or seven POPLABs is all that UNC can well handle and that they do not intend to expand the program beyond six or seven. This does not mean that UNC might not drop one country as it becomes self-sufficient and pick up another one, but that the total at any one time would not go beyond six or seven. There are five POPLABs now in existence: Colombia, Morocco, the Philippines, Kenya, and Ecuador. Let us consider the situation in the two other countries which are currently under investigation.

Nigeria. UNC has now sent two teams to see Dr. Igun at the University of Ife, and Dr. Igun has traveled to Chapel Hill for discussions with the UNC Development Unit. As yet, no proposal has been submitted to A.I.D. for a Nigerian POPLAB and Dr. Linder indicates informally that UNC may not submit a proposal until receiving some word from A.I.D. about its likely reception. Apart from our conviction that this mode of procedure is backwards--i.e., UNC has done the investigation and should make its proposal, after which A.I.D. will make its determination--we have some growing reservations concerning a POPLAB in Nigeria. First, the Mission seems to be adopting a passive role, messaging AID/W that it concurs in a proposed POPLAB but wishes to have nothing to do with it; in effect, does not even want to know that UNC is in the country. Mission involvement would lend leverage which we think could be advantageous. The Nigerian case would reverse the administrative pattern for POPLABs. In the past, the policy was explicitly established that POPLABs should have Mission involvement, should be bilaterally funded and entail Mission management. It would seem that, for a POPLAB to go forward in Nigeria, AID/W would have to closely investigate through personal consultations the Mission's real interest in, and capability for administrative support of, a POPLAB at the University of Ife. Second, two out of the existing five POPLABs are in Africa already (Morocco and Kenya). With due regard to targets of opportunity, a third lab would seem to overbalance the POPLAB program and leave other regions under-represented. Our conclusion, open to revision, is that a Nigerian POPLAB should be discouraged, but that indeed AID/W should devote careful attention to other programs which would capitalize upon Dr. Igun's considerable talents and resources.

Turkey. Dr. Linder has had conversations over several years with Dr. Nusret Fisek of Turkey. It now appears that the State Institute of Statistics is eager to set up a demographic research unit, revive the Turkish Demographic Survey and turn it into a POPLAB. Preliminary discussions with PHA/POP area division personnel lead to the belief that this is a fortuitous turn of events. Dr. Fisek has previously done excellent work in Hacettepe University's Institute of Population Studies, but this work did not find its way into the Turkish policy-making apparatus. A unit in SIS would have much better chances of reaching policy-makers. Secondly, a POPLAB in Turkey would give a Middle East component to the international program and provide POPLABs with representation from every major geographical region. Third, Dr. Fisek is the dean of Turkish demographic studies, an outstandingly capable demographer in his own right, a standard to which capable junior Turkish professional personnel would rally. Fourth, Dr. Linder is fortunate in having as liaison Dr. Fred Shorter. Dr. Shorter, now based at Princeton, was Ford Foundation representative in Turkey for several years, during which he worked closely with Fisek, and has continued to consult regularly in Turkey. Shorter would serve as Linder's back-up with a Turkish POPLAB, which means that a highly competent economist-demographer with field experience in Turkey and personal contacts developed over years spent in the country would be the POPLAB contact point. Finally, given the above, it seems likely that the Turkish input to the POPLAB program would be as much an asset to the program as POPLABs would be to Turkey.

Our conclusion from the above considerations is that Turkey should be further explored. With the presence of Drs. Fisek and Shorter, it seems unlikely that UNC will have to make any major drain on its own resources to start up this new activity. With minimal UNC input, the international POPLAB program can be rounded out internationally, involve a country of key importance and capitalize on outstanding LDC talent.

3. The Directions of Geographical Coverage. The POPLAB program, as originally conceived, was to concentrate on covering a specific, delimited geographical area of a country. Later as it became apparent that government offices with national authority would be the institutions involved, the geographical area was "exploded" (Dr. Linder's word) so as to cover a selected group of small geographical areas scattered around the country. This exploded area would not give a statistically representative set of data for the entire country, but it would give more typical data and would allow limited urban-rural and intertribal comparisons. However, it appears clear that the host countries themselves wish the POPLABs eventually to have the capability for providing truly national coverage. A.I.D. could only laud such a development, seeing it as a measure of success considerably beyond that was originally envisioned.

4. With the possible exception of Turkey, no more POPLABs should be initiated for the present. UNC should devote its attention to consolidating what ground has already been gained. At the outset of the POPLAB program, A.I.D. was concerned whether UNC could get enough countries to participate. The concern now shifts to whether or not UNC will get too many countries to participate. Thus the present recommendation is not so much a curtailment of the program as a recognition of its success in generating interest among LDCs. We now feel that more countries will want to get into the program than the program can well handle. If the potential quality of success is to be realized, the program must now be held back from further territorial expansion. Principal focus of attention should be on satisfying the other recommendations.

*See
with
A.I.D.
PLABs*

5. We make the possible exception of Turkey, for the reasons noted in the text. Turkey should be further explored on the condition that UNC can satisfy A.I.D. with regard to the other recommendations made here.

6. For A.I.D. itself, a continuing effort should be made toward a more simplified monitoring and contractual relationship vis-a-vis POPLABs. Five contractual agreements, five technical officers, five different timetables and reporting requirements--these add up to the conclusion that A.I.D.'s right hand does not know what its left is doing. A more reasonable arrangement will take time. The current situation developed for good and well considered reasons, but the direction of A.I.D.'s endeavors should clearly be towards simplification.

7: A final recommendation stems from comments submitted by one of the outside experts. In his words, "could not the POPLAB provide a practical training opportunity for personnel from other LDCs, as well as for the host country personnel? There seemed to be insufficient consideration in the presentations as to the potential of a POPLAB for a training center. Hopefully, a POPLAB could also serve as a training center for groups of countries. In particular, this would be a useful device in connection with a Type B or C POPLAB." We feel that UNC should take this matter under advisement and indicate to A.I.D. how UNC conceives the training function of the POPLABs and whether and how this function might be amplified.

Handwritten notes on the right side of the page, including "Training center for groups of countries" and "Type B or C POPLAB".

Course of Action

PHA/POP/R will request that the contractor re-submit his proposal for extension of the Basic Ordering Agreement and Task Order No. 1 in the light of the above recommendations. Upon satisfactory re-submission, PHA/POP/R will initiate project documentation for extending the basic agreement for five more years and for obligating the appropriate level of funding in FY 73.

PHA/POP/R will also plan to site-visit as many of the existing POPLABs during FY 73 as possible. While the foregoing gives an overview of the total program and an evaluation principally of scientific and technical accomplishments, site visits would add a review particularly of in-country administrative questions and round out the picture by furnishing the viewpoints of USAID personnel, resident advisors and host country professionals.

Distribution

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Census Bureau, E. Goldfield
AA/PHA, G. Coleman
AA/PHA, M. Fowler
AA/PHA, J. Kieffer
PHA/POP, C. Johnson
Copy to Population Officer in each Mission where POPLAB
(Colombia, Morocco, Philippines, Ecuador, Kenya)

PROJECT AUTHORIZATION

1. PROJECT NUMBER 931-11-570-861		3. COUNTRY Worldwide		4. AUTHORIZATION NUMBER 0053 Amendment #1 35p.	
2. PROJECT TITLE Laboratories for Population Studies				5. AUTHORIZATION DATE May 5, 1971	
7. LIFE OF PROJECT				6. PROP DATED 4/15/69	

a. Number of Years of Funding: 5 -
 Starting FY 19 69 Terminal FY 19 72
 b. Estimated Duration of Physical Work
 After Last Year of Funding (in Months): 24

8. FUNDING BY FISCAL YEAR (in U.S. \$ or \$ equivalent)	DOLLARS		P.L. 480 CCC + FREIGHT	LOCAL CURRENCY Exchange Rate: \$) =			
	GRANT	LOAN		U.S. OWNED		HOST COUNTRY	
				GRANT	LOAN	JOINTLY PROGRAMMED	OTHER
Prior through Actual FY							
Operational FY 71	761						
Budget FY 72	424						
B + 1 FY	358						
B + 2 FY							
B + 3 FY							
All Subsequent FY's							
TOTAL	1,543						

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

This project whose duration is for 5 years (June 30, 1969 through June 30, 1974) was approved and authorized 5/15/69 by Irvin R. Hedges, AA/WOH and concurred in by all Regional Bureaus. See Project Authorization 0053 (copy attached).

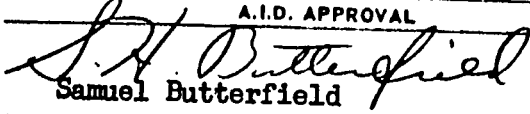
Amendment No. 1 to this Project Authorization rearranges the financing so that the total funding is reduced to a three year period (versus five), and the duration of physical work is reduced from seven to five years. Changes in the Basic Ordering Agreement (AID/csd-2495) permitting greater flexibility of operation are authorized in a memorandum from K.S. Levick to R.J. O'Brien, dated May 5, 1971.

(Use continuation sheet if necessary)

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

This authorization is contingent upon timely submission 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
 Samuel Butterfield SIGNATURE		C.Ellis TA/POP		4/28
		J.Speidel TA/POP		4/28
Deputy Assistant Administrator TITLE		R. Ravenholt TA/POP		5/1/71
		A/CONT Kenneth Levick		5/1/71
		DATE		

REVISED: August 1969

PROJECT AUTHORIZATION

Attachment A.
to H.O. 1025.

1. Project Number 931-11-570-351	3. Country Inter-Regional	4. Authorization Number: 3553
2. Project Title Task Order #1 and Subsequent Task Orders Laboratories for Population Studies		5. Authorization Date
7. Life of Project		6. PROP Dated 4/16/69

a. Number of Years of Funding : Starting FY 19 69 : Terminal FY 19 74 :
b. Estimated Duration of Physical Work After Last Year of Funding: Two Years

8. Funding by Fiscal Year (in U.S. \$ or \$ equivalent)	Dollars		P.L. 480 1/	Local Currency			
	Grant	Loan		U.S. Owned		Host Country	
			CCC + Freight	Grant	Loan	Jointly 2/ Programmed	Other
Prior through Actual FY 69	353						
Operational FY 70	200						
Budget FY 71	360						
B+1 FY 72	340						
B+2 FY 73	150						
B+3 FY 74	120						
All Subsequent FYs							
Total	1523						

These figures represent the total operations for the year.

9. Describe Special Funding Conditions or Recommendations for Implementation.

10. Conditions of Approval of Project.

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

This authorization is also contingent upon timely completion 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:

Signature	_____	Clearances:	_____	Date	_____
Mr. Irvin R. Hedges	5/15/69	Ravenholt WOH/PS	_____	4/13/69	_____
Title	_____	W. Jones NESA/PPF	_____	4/30/69	_____
Date	_____	Dr. Frost ARA/SCD	_____	4/25/69	_____
		J. Smifer EA/TECH	_____	4/22/69	_____
		J. Prince AFR/ID	_____	4/30/69	_____

1/ Use Block 9 to record kinds and quantities of P.L. 480 commodities.
2/ Component derived from

PROJECT AUTHORIZATION A.I.D.
Reference Center
Room 1656 NS

1. Project Number 931-11-570-361	3. Country Inter-Regional	4. Authorization Number 0053
2. Project Title Task Order #1 and Subsequent Task Orders Laboratories for Population Studies		5. Authorization Date
7. Life of Project		6. PROP Dated 4/16/69

a. Number of Years of Funding :
Starting FY 19 69 : Terminal FY 19 74 :

b. Estimated Duration of Physical Work After Last Year of Funding:
Two Years

8. Funding by Fiscal Year (in U.S. \$ or \$ equivalent)	Dollars		P.L. 480 ¹	Local Currency			
	Grant	Loan		U.S. Owned		Host Country	
	Grant	Loan	CCC + Freight	Grant	Loan	Jointly 2/ Programmed	Other
Prior through Actual FY 69	353						
Operational FY 70	200						
Budget FY 71	360						
B+1 FY 72	340						
B+2 FY 73	150						
B+3 FY 74	120						
All Subsequent FYs							
Total	1523						

9. Describe Special Funding Conditions or Recommendations for Implementation.

10. Conditions of Approval of Project.

(Use continuation sheet if necessary)

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

This authorization is also contingent upon timely completion 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:

Signature
AA/ Irvin R. Hedges 5/15/69
Title Date

Clearances:
Ravenholt WOH/PS 4/18/69
W. Jones NESA/FFP 4/30/69
Dr. Frost ARA/SCD 4/25/69
J. Shafer EA/TECH 4/25/69
J. Prince AFR/ID 4/30/69

1/ Use Block 9 to record kinds and quantities of P.L. 480 commodities.
2/ Counterpart derived from commodities furnished under grant (see M.O. 1512.2).

4

Project Title : Laboratories for Population Studies (POPLAB)
Project Number : 931-11-570-861 Contract No. AID/csd-2495
Task Order No. 1
Contractor : University of North Carolina, School of Public
Health, Department of Biostatistics
Project Monitor : J. A. Cavanaugh
Name of Contract
Representative : Forrest Linder

I. Project Goals and Justification

The basic objective of the POPLAB project is to provide an indigenous mechanism and competence for experimenting, developing and actually testing methods for improving the reliability of measuring instruments related to population change and to provide an indigenous technical organization and infrastructure for the acquisition of selected types of statistical information essential for population studies and evaluating A.I.D. assisted programs. The project will provide for the interchange of technical experience and results of methodological studies for the benefit of each POPLAB and population programs in other regions of the world.

The ultimate goal is to improve population statistical data and survey methodology. It is hoped that the results of experimentation especially as it applies to national statistics such as vital statistics, will be adapted on a country wide basis thus enhancing greatly the probability for much more reliable national data.

Reliable statistical data, whether it is from KAP studies, vital events, abortions or other phenomena, are difficult to obtain in most of the A.I.D. assisted LDC's. Reliable data are needed for describing population characteristics, assessing population programs, formulating realistic population policies, determining attitudes on reproduction and devising manpower programs. The POPLAB project will formulate techniques based on small sample experimentation for improving the reliability. Once these techniques are applied the program may be justified in terms of the availability of better data on which socio-economic planning can be based.

II. Major Issues to be Resolved

During the first nine months of the contract period, efforts have been made to actually establish three to four field laboratories. In two countries, Colombia and Philippines, contract proposals have been drawn up for USAID funding. In a third, Morocco, a contract proposal has been formulated which will be funded centrally for the first year and then by USAID in succeeding years.

In all these POPLABS proposals, with the exception of the Philippines, most, if not all the major issues have been resolved concerning the scope of work, budgets, financing, etc. In the Philippines, there is still some indecision by USAID because of the presentation for funding of another project proposal to establish a national sample vital registration system in lieu of experimenting in the POPLAB with this technique and others before embarking on a new national system. This issue will be resolved but is pending at the moment.

Another issue is the differences in opinion about where other POPLABS may or should be established. Examples are Chile and Costa Rica. In Chile it has recently been recommended by the UNC project director that a POPLAB be considered but not until next year. During the next several months a proposal will be prepared and presented to USAID by a group of Chilean officials representing several offices and ministries. In Costa Rica, at least one USAID official is lukewarm on the POPLAB concept even though others are very interested. The establishment and funding of a POPLAB is being delayed pending further discussion with the Office of Plan (OFIPLAN) as to its location, scope, etc. Both these USAIDs expressed initial interest.

III. Evaluation of Contractor Performance

In the opinion of the Office of Population, contractor performance has been excellent, partly because the project director is a very capable knowledgeable person in the POPLAB field and partly because this project is being monitored closely by the Research Division in the Office of Population.

The first stage of this project is to design and actually negotiate the establishment and funding of population laboratories in strategic countries in various world regions. This involves negotiations with A.I.D. Bureaus, USAIDs and local governmental institutions - a complicated procedure at best. Despite the many organizations and individuals involved in negotiations, three laboratories are in the contract negotiation stages and should be funded this fiscal year.

The first is Colombia which involves a PROAG between the GOC and A.I.D. as well as an agreement between UNC and the Central Statistical Office (DANE) where the project will be carried out. These negotiations are in their final stages.

A PROAG and PIO/T agreed upon by USAID/Colombia and DANE were submitted for approval on April 3 to the Colombian National Planning Board.

The second is Morocco. Central funds were made available to USAID to finance the project for the first year; USAID will fund thereafter. The French Version of the agreement has been submitted to GOM for approval. It is anticipated that the PIO/T and PROAG will be sent to Washington within the next few weeks.

In the Philippines the proposal with Xavier University for establishing a POPLAB has been completed and agreed upon among UNC, AID/W and a representative from Xavier University. The comments on the proposal and also a commentary on a critical evaluation of the project by Dr. Concepcion has not been sent USAID as yet so that negotiations may proceed in developing a USAID funded contract. It is hoped this will be resolved soon.

Exploratory visits have been made by Dr. Linder, POPLAB project director to Costa Rica and Chile for the purpose of determining the feasibility of establishing POPLABS in these countries. However, nothing definitive has resulted from these negotiations. If these are to be funded, it probably will not be until next year.

It was desired to establish a POPLAB in East Africa preferably Uganda which was recommended by a UNC team. However, after strong initial interest by USAID, it was determined that this project should be substituted for another. It is still desirable that a POPLAB be located in East Africa, if possible, and steps will be taken to explore sites other than Uganda.

IV. Accomplishments

Since the inception of this project 9 months ago, most of the energy has been directed toward the establishment of the country POPLABS. This has required a great deal of time because of the relatively complex negotiations involving many people. Nevertheless, negotiations for two POPLABS are almost finished and most probably will be funded during FY 70. Negotiations are also well advanced on a third but the outcome is less certain unless additional action is taken.

The A.I.D. contract requires the preparation of "manuals" and elaboration of study proposals. Substantial progress has been made on the preparation of an initial draft of a manual on POPLAB mapping and dwelling identification. Work has also started on a document dealing with the topic coverage in POPLAB surveys. Although little work has been done, consideration is being given to the elaboration of study "protocols", i.e. specific special techniques for improving basic data. Manuals will be needed for describing applications of these techniques.

An organizational meeting was held on April 13-15 at Chapel Hill in which detailed aspects of the implementations of the POPLAB project were discussed with consultants, potential technical advisors, A.I.D. officials and technicians and statisticians at the University of North Carolina.

The POPLAB developmental unit called for in the project has been established at UNC. The unit has been established under the joint auspices of the Carolina Population Center and the Department of Biostatistics at the School of Public Health. The director of the unit is Dr. Forrest E. Linder. The unit is located in a rented house (206 Vance Street) which is being adapted to serve as the POPLAB center and which will have adequate space for all of the major POPLAB staff. Some of the faculty related to the POPLAB developmental unit as part-time specialist personnel will be located in other parts of the Biostatistics Department space.

Some caution has been used in building up the POPLAB central staff. The nature and professional specialties of the central staff are obviously somewhat dependent upon the final design of the international POPLAB activities which will be determined only as agreements for these activities are finalized. As a preliminary measure therefore extensive use on a part-time basis has been made of existing Biostatistics personnel, and of various faculty and professional staff from other agencies on a temporary basis. In this way highly qualified staff has been available from the University of California at Los Angeles, the University of Alberta, the National Center for Health Statistics, etc. UNC is now moving into the stage of identifying staff to be assigned to the POPLAB project on a full-time basis while continuing to use personnel with specialized knowledge from other agencies on short-term arrangements.

V. Recommended Course of Action

The initial progress on this project is felt to be excellent. In close cooperation with A.I.D. officials, more intense effort must be made by UNC to establish at least four POPLABs in diverse world regions during the remainder of FY 70 or early FY 71. In addition to those already being negotiated in Morocco and Colombia, it is important that negotiations continue to a successful conclusion for a POPLAB in the Philippines at Xavier University. This is especially true in view that several millions of A.I.D. dollars are being spent in the Philippines for population activities.

It is highly recommended that a country in East Africa be investigated again as a site for a POPLAB. Kenya is at the moment, a potential possibility.

The POPLAB project is being carried out under a Basic Agreement between A.I.D. and UNC. Funds are provided through Task Orders. Task Order #1 issued June 1969 is for a period of five years and is for the services described in this review; \$353,010 were obligated to cover costs for the first two operating years. A financial status summary prepared by UNC (See attachment) shows that actual and estimated expenditures are being made at the rates projected.

We anticipate that the level of support needed for this task order for the remaining three years will be approximately \$180,000 annually.

It is planned that each POPLAB established will be financed by the respective USAID mission. In FY 70, however, central funds in the amount of \$200,000, have been made available to USAID/RABAT to finance the cost for the first year of the Moroccan POPLAB, all subsequent years are to be financed by USAID/R.

As soon as the POPLABS become operative special protocol studies may be undertaken which may require funding by means of separate task orders.

Recommended Central Funding Requirements thru FY 71

	Obligated <u>FY69</u>	Proposed <u>FY70</u>	Proposed <u>FY71</u>
Task Order #1	353,010	180,000	180,000
Moroccan POPLAB		200,000*	
Task Orders for Study Protocols			<u>180,000</u>
TOTALS	<u>353,010</u>	<u>380,000</u>	<u>360,000</u>

*These funds have been reserved and USAID/RABAT has been advised to charge FECAF against allotment issued for this purpose.

The above pattern alters previous projections for Task Order #1. Since previous restrictions on forward funding have been lifted for Title X projects, we recommend that \$180,000 be obligated in FY 70 and \$180,000 in FY 71. This conforms to the two years forward funding principle for continuing projects.

Carolina Population Center
University of North Carolina at Chapel Hill

Population Laboratories
(AID/OSD - 2425, Task Order No. 1)

Financial Status Summary

<u>Object</u> <u>Class</u>	FISCAL YEAR 1970			FY 1971
	<u>Firm</u> <u>Budget</u>	<u>Actual</u> <u>Obligations</u> (30 Nov '69)	<u>Estimated</u> <u>Expenditures</u> (incurred of FY 70)	<u>Estimated</u> <u>Expenditures</u>
Salaries and wages	\$ 97,130	\$ 33,562	\$ 63,563	\$ 101,960
Fringe benefits	13,350	2,954	10,396	14,420
Consultants	5,000	2,350	2,650	5,000
Travel and allowances	10,000	5,000*	5,000	12,000
Other direct costs	14,700	6,105	8,595	11,510
Overhead	<u>32,520</u>	<u>32,520</u>	<u>0</u>	<u>35,420</u>
Totals	\$ 172,700	\$ 82,491	\$ 90,209	\$ 180,310

Actual plus estimation to cover unliquidated travel advances and tickets purchased by USAID Travel Office.

TABLE A

Population Studies Laboratories
Phase II - UNC Developmental Unit
Estimates for First Three Years

	1st Year	2nd Year	3rd Year	TOTAL
PERSONNEL				
Project director (½-time)	15000	15750	16540	47290
Project coordinator (full-time)	25000	26250	27560	78810
Statistician-demographer (full-time)	20000	21000	22050	63050
Statistician-demographer (½-time)	10000	10500	11025	31525
Collaborating statisticians (5 at 10%-time)	10000	10500	11025	31525
Research assistant (full-time)	7380	7750	8120	23250
Administrative secretary (full-time)	5550	5830	6100	17480
Secretary (full-time)	4200	4380	4580	13160
Subtotal personnel	97130	101960	107000	306090
SOCIAL SECURITY AND RETIREMENT (1st year at 13.75%) (2nd and 3rd year at 14.15%)	13350	14420	15140	42910
SHORT-TERM EMPLOYEES AND CONSULTANTS	5000	5000	5000	15000
TRAVEL AND SUBSISTENCE	10000	12000	12000	34000
OTHER DIRECT COSTS				
Printing and duplicating	1000	1500	2000	4500
Publications (tolls and cables)	5500	5500	5500	16500
Postage	1200	1800	1800	4800
Supplies	5000	2000	1000	8000
Telephone	2000	2000	2000	6000
INDIRECT COSTS (11.43% of salaries)	32520	34130	35820	102470
TOTAL	172700	180310	187260	540270

TABLE B

Population Studies LaboratoriesPhase II - UNC Developmental Unit
Supplemental Estimates for Fourth and Fifth Years

	4th Year	5th Year	TOTAL
A. PERSONNEL			
Project director (½-time)	16540	16540	33080
Project coordinator (full-time)	27560	27560	55120
Statistician-demographer (full-time)	22050	22050	44100
Statistician-demographer (½-time)	11025	11025	22050
Collaborating statisticians (5 at 10½-time)	11575	12150	23725
Research assistant (full-time)	8520	8940	17460
Administrative secretary (full-time)	6400	6700	13100
Secretary (full-time)	4800	5040	9840
Subtotal personnel	103470	110005	213475
B. SOCIAL SECURITY AND RETIREMENT (4th and 5th year at 14.60%)	15830	16060	31890
C. SHORT-TERM EMPLOYEES AND CONSULTANTS	5000	5000	10000
D. TRAVEL AND SUBSISTENCE	9000	9000	18000
E. OTHER DIRECT COSTS			
Printing and duplicating	2000	2000	4000
Rent	3000	3000	6000
Communications (tolls and cables)	1000	1000	2000
Equipment	0	0	0
Supplies	2000	2000	4000
F. INDIRECT COSTS (33.48% of salaries)	36310	36830	73140
TOTAL	182610	184895	367505

15 March 1969

MAY 15 1969

U

PROC/GEN, Mr. Robert O'Brien

AA/WOR, Irwin R. Hedges

Irwin R. Hedges

Basic Agreement with the University of North Carolina for Laboratories for Population Studies

Action Requested - This memo constitutes approval of the Laboratories for Population Studies project and requests that a Basic Agreement be negotiated between A.I.D. and the University of North Carolina for this purpose.

Summary Description - Under this agreement the University of North Carolina's Department of Biostatistics in cooperation with the Carolina Population Center will establish a network of Laboratories for Population Studies (FOPLAS) in collaboration with academic and other research institutions in various countries around the world. These laboratories will provide an indigenous mechanism and competence for developing and actually testing methods for improving the reliability of measuring instruments related to population change and will provide an indigenous technical organization and infrastructure for the acquisition of selected types of statistical information essential for population studies and evaluating A.I.D. assisted programs. In the 1965 Congressional hearings on population, the A.I.D. Administrator announced that up to four population laboratories would be established.

Duration of the Agreement - The basic philosophy behind this project is to develop national capabilities for collecting better and more relevant data. These are indigenous institutional development goals which require careful and extended effort. For this reason, the basic agreement in which no funds will be obligated for commitment will be for a period of 5 years subject to review and extension by A.I.D. at a later date.

Scope of Agreement - Under the terms of this agreement the UNC will:

A. Establish at UNC a FOPLAS Development Unit to -

- (1) maintain liaison and coordinate with A.I.D. on this project
- (2) custom-design a laboratory for population studies with each selected institution, develop cooperatively with each institution a sustaining agreement, and assist the USAID's in the negotiations for the establishment of these laboratories

- (3) continue preparing the scientific and methodological base for FOPLAB activities by methodological research, preparation of scientific reports on the status of methodological procedures, preparation of technical manuals on FOPLAB methods, etc.
- (4) draft a catalogue of possible "study protocols" for Ad Hoc methodological and substantive studies for world-wide use and not limited to use by the FOPLABS. This will include studies of scientific or methodological problems of universal interests as well as studies of special interest applicable to the special geographic region.

B. Design and Assist in Negotiating Establishment of Laboratories

This includes --

- (1) Final selection of up to 4 sites, approved by A.I.D., based on investigations concluded under contract csd-2161 for Phase I of project.
- (2) Preliminary design for each laboratory and study in situ of design and modification of design as dictated by national circumstances. Each FOPLAB will be related to an existing institution with established interest and capacity to collect substantive and demographic data and make studies in population measurement methodology. The direction and administration of the programs of each FOPLAB will be the responsibility of the institution within which it is located. The FOPLABS and the UMC will constitute a cooperating group so that the results of methodological studies and other technical experience can be interchanged for the benefit of each FOPLAB and other population programs in other world regions.
- (3) Finalizing the plan for each laboratory and its operating budget.
- (4) Assisting USAID's in negotiating and finalizing agreements for the establishment of each FOPLAB including:
 - (a) A sustaining agreement between the University of North Carolina and each national institution will be developed cooperatively which will define the general character of each FOPLAB and its continuing basic functions to be financed under the agreement. This will include the development of the

basic laboratory and the collection and compilation of certain standard demographic statistics on that population laboratory. These continuous basic scientific activities will be modified for each lab to meet the interest, resources and conditions of the institutions in each country.

(b) Participating with each USAID in negotiations regarding level of A.I.D. support and host country commitment.

(c) Designating a staff member of UNC Development Unit to serve as project officer responsible for relationships between UNC unit, national institution and A.I.D. on developments concerning the FOPLAB agreement.

C. Implement the Approved FOPLAB Agreement Between UNC and National Institution

1. When laboratory design requires a resident advisor, UNC will recruit and transfer an expert to laboratory site.
2. A laboratory office will be established at the indigenous institution and the field laboratory and the continuing basic functions of the FOPLAB will be brought into operation. The continuing basic functions of the FOPLAB will include the following:
 - a) defining the geographic area of the field laboratory which will comprise a population of 25,000-100,000 persons and develop the basic requirements so that the area can be used for data collection surveys. These requirements may include maps, house identification numbers, etc.
 - b) conducting a periodic (possibly every 2-4 years) census covering basic demographic items and other items of interest to the country relating to population change.
 - c) perfecting the vital registration system in the area, or installing a sample registration system so that there is accurate or current data on births and deaths.
 - d) conduct a periodic (possibly every 5 years) ecological survey of the area so that major-socio-economic-cultural features of the area are known.
 - e) establish a permanent central office which will direct the activities of the FOPLAB and where the data from the field activities will be collected and analyzed.

3. After the basic program is established on a continuing basis, each FOPLAB will then undertake various ad hoc methodological or substantive studies selected from the study protocols prepared by the central UNC unit. Each of these studies will be financed under separate agreements between UNC and the country institution.
4. The basic continuing functions of the FOPLABS and the ad hoc studies will be under the direction and full administrative control of the FOPLABS with the consultative cooperation of the University of North Carolina staff.
5. After the initial establishment of two or more FOPLABS, the UNC Unit will develop procedures for the interchange of technical findings between laboratories and initiate other methods for a wider dissemination of the scientific results and experience of the laboratories.

D. Informal Consortium of American Universities

Upon demonstration of the utility and value of the FOPLAB program through the work of the UNC-linked laboratories, the UNC will, if requested by A.I.B., develop proposals for the formation of an informal consortium of American universities who may wish to participate in the extension of a network of laboratories.

Schedule for the Implementation of the Provisions contained in the AID/UNC Basic Agreement

Section A - o/s June 30, 1969 - UNC project development unit will begin operations to carry out Section B.

Section B - thru Dec. 1971 - Will perform the functions outlined under this section so that agreements can be negotiated for the establishment of two laboratories.

o/a Jan. 1972-Dec. 1972 - Same as above for the 3rd laboratory.

o/a Jan. 1973-Dec. 1973 - Same as above for the establishment of the 4th laboratory.

Section A & B - o/a June 1974 - UNC will have completed technical development and agreements will have been negotiated to establish 4 LABS.

Section C - Concurrent with above schedule each FOPLAB agreement will continue for a period of five years from date of the agreement, except for ad hoc studies which will be limited to the time required for each study.

Section D - The design and implementation of this section, if its value has been demonstrated, will not be considered before FY 1971.

Funding.

No funds will be obligated for commitment in the basic agreement. The provisions of this agreement will be financed through a series of task orders as follows:

Section A & B - Task Order I (PIO/T attached) provides for an A.I.D. centrally funded contract with the UNC to cover costs of travel and project development to enable UNC to design and assist in negotiating agreements for the establishment of up to four laboratories spread over a period of five years in accordance with the provisions of these sections of the basic agreement and the schedule outlined above for carrying out these provisions. FY () funds will be authorized for commitment at the time the contract is negotiated to cover the costs for the first two years of this contract. The commitments of funds to cover the costs for the remaining periods of the contract will be subject to review by A.I.D. on the progress of the project and A.I.D.'s financing procedures.

Section C (except Provision C-3) - Sequential Task Orders - Funds for the implementation of each FOPLAB agreement between UNC and each national institution will be authorized by means of separate task orders issued against the AID/UNC basic agreement. Based on the agreement reached as to the level of A.I.D. support and the host country commitment, each USAID will initiate and forward to AID/W a project implementation order for the FOPLAB in that country. This will be reviewed and approved by the Regional Bureaus and WCH/FS for its substantive conformity with the provisions of the Basic Agreement. When approved the authorizing agent for the Basic Agreement will issue the task Order. The task Order will authorize the University of North Carolina to implement the UNC/national FOPLAB agreement and will provide for A.I.D. funds to be authorized _____ for this purpose. Two years advance funding will be authorized for commitment at the time the task order is issued. The authorization of funds to support costs for the remaining period of the UNC/national FOPLAB agreement will be subject to review by A.I.D. on the progress of the project and A.I.D.'s financing procedures. The funds authorized will include support for costs incurred by the UNC and by the National FOPLAB for infrastructure, methodological development and the continuing basic functions set forth in the UNC/national FOPLAB agreement. The task orders may be funded from central, regional or USAID funds. Irrespective of the funding source, the USAID will serve as the co-monitor of the UNC/national FOPLAB project in that country. WCH/FS will coordinate with the USAID's and the UNC and serve as monitor for the total project prescribed in the Basic Agreement.

Section C-3 - Each Ad Hoc substantive or methodological study will be funded through separate task orders to be issued by the Authorizing Agent of the Basic Agreement. The project implementation order for the task order will be initiated by the source requesting the study. The study may be funded from USAID, regional or central funds as appropriate.

Section D - If desired, the proposal for the formation of the Informal Consortium of American Universities will be funded through a centrally funded task order initiated by WOH/PS.

Budget Estimates for each FOPLAB

The approximate estimates of FOPLAB total costs for different A.I.D. regions are given in Tables C, D, E, and F. The spacing of the estimates by year is based on the priorities for starting the FOPLAB project. The first year of each different project site is based on a 50 percent lapse. Subsequent years are based on full costs plus a five percent annual increment.

The total costs for each region given in Tables C, D, E, and F are subdivided by item in a prototype budget in Table G. The detailed figures given in Table G show estimated total costs for a typical operation, that is, with no lapse and no increment for increased future costs. All the estimates except that for the first site in East Asia include the estimated cost of a resident consultant.

Attachments:

- Tables C, D, E, F, & G
- PIO/T for Task Order #1
- UNC Report on Phase I and Proposal
(2 volumes)
- Sole Source Justification

Concurrence:

WOH/PS, RTRavenholt RTR Date 4/14/69
 NESAP/PPF, RJones, R Jones Date 4/23/69 in substance
 ARA/LA/SCD, DFrost, D.F. Date 4/27/69
 EA/TECH, JShafer, J. Shafer Date 4/25/69
 AFR/ID, JPrince, J. Prince Date 4/25/69 in substance
 WOH/PES, HLennox, _____ Date _____
 WOH/PS/MRD, JACavanaugh, JAC Date 4/26/69

WOH/PS/MRD:CELLIS:srs:4-16-69

TABLE C

AFRICAN REGION

Approximate Estimate of POPLAB Costs by Year

	Fiscal Year				
	1970	1971	1972	1973	1974
<u>First Site</u>					
Basic cost	25,000	60,000	69,000	70,000	75,000
Consultant	15,000	35,000	35,000	35,000	20,000
<u>Total for first site</u>	40,000	95,000	104,000	105,000	95,000
<u>Second Site</u>					
Basic cost	-	25,000	60,000	69,000	70,000
Consultant	-	15,000	35,000	35,000	35,000
<u>Total for second site</u>	-	40,000	95,000	104,000	105,000
<u>Total for Region</u>	40,000	135,000	199,000	209,000	200,000

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TABLE D

EAST ASIA

Approximate Estimate of POPLAB Costs by Year

<u>First Site</u>	Fiscal Year				
	1970	1971	1972	1973	1974
Basic cost	35,000	60,000	69,000	72,000	75,000
Consultant*	-	-	-	-	-
Total for Region	35,000	60,000	69,000	72,000	75,000

* Not required

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TABLE E

SOUTH ASIA

Approximate Estimate of POPLAB Costs by Year

	Fiscal Year				
	1970	1971	1972	1973	1974
First Site					
Basic cost	-	-	00,000	00,000	00,000
Consultant	-	-			
Total for Region	-	-	00,000	00,000	00,000

Note: Estimates are not given for South Asia region since it is recommended that action be deferred until the proposed new Population Centre in Pakistan is established, and staffing patterns in institutions in other countries of the region are confirmed.

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TABLE F

LATIN AMERICA

Approximate Estimate of POPLAB Costs by Year

<u>First Site</u>	<u>Fiscal Year</u>				
	1970	1971	1972	1973	1974
Basic cost	25,000	60,000	69,000	70,000	75,000
Consultant	15,000	35,000	35,000	35,000	20,000
Total for Region	40,000	95,000	104,000	105,000	95,000

Note: The cost for the second proposed site would be the same as that given in this table. The cost for the third proposed site (Chile) would be reduced by the amount for the resident consultant.

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TABLE G

Prototype Budget for POPLAB Operations

Note: As stated in the text, an actual annual budget for a specified site would vary substantially from this prototype because of differences in local costs, etc. This budget model is designed to represent a typical year. Actual costs for the initial year would be less because of lapse. Later years might be somewhat higher as general price levels increase.

Central POPLAB Staff

Director (1)	10,000
Statistician-demographer (3)	18,000
Statistical assistants (6)	21,000
Secretary-typist (1)	3,000

Field Activities

Temporary field personnel	8,000
Field travel costs	4,000

Other Costs

Supplies, printing, punch cards, office equipment, transportation equipment	5,000
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<u>Total Estimated Cost without Resident Consultant</u>	69,000
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Supplemental Estimate for Consultant (1)

Salaries, travel, allowances	35,000
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TOTAL	104,000
-------	---------

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

Worksheet Issuance

PAGE 1 OF 10 PAGES

PIO/T

1. Cooperating Country
WORLD-WIDE

2. PIO/T No.

3. Project/Activity No. and Title Task Order for POPLAB
Development and Study Protocols against AID/UNC
Basic Agreement for Laboratories for Popula-
tion Studies

4. Appropriation Symbol 5. a. Allotment Symbol & Charge 5. b. Funds Allotted to:
 AID/W Mission
6. Obligation Status 7. Original or
 Administrative Reservation Obligation Sub-Obligation Amendment No. _____

8. No. of Technicians 9. Services to Start (Mo., Day, Yr.) 10. Duration (Months)
5 full-time Between: ASAP And: a. Of Services: 60 b. Of Financing: 24
7 part-time

11. a. Type of Action Cooperating Participating Agency
 AID Contract Country Contract Service Agreement Other Task Order

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		353,010		353,010
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)
This PIO/T is for the issuance of a Task Order against the AID/UNC Basic Agreement for Laboratories for Population Studies to authorize UNC to carry out the provisions of Sections A&B of the Basic Agreement concerning the development phase of the labs and methodological and study protocols. The objective of the POPLAB project is to provide an indigenous mechanism and competence for developing and actually testing methods for improving the reliability of measuring instruments related to population change and to provide an indigenous technical organization and infrastructure for the acquisition of selected types of statistical information essential for population studies and evaluating AID assisted programs and (2) to provide for the interchange of technical experience and results of methodological studies for the benefit of each POPLAB and population programs in other regions of the world.

Mission Clearances	Mission Clearances	Date
WOH/PS/MRD, Cellis <i>e lly</i>	WOH/PS, RTRavenholt <i>S/RB</i>	<i>5/1/67</i>
WOH/PS/MRD, JACavenough <i>JAC</i>	ARA/LA/SCD, DFrost <i>DF</i>	<i>5/1/67</i>
WOH/PS/PDD, RBacklund <i>R</i>	AFR/ID, JPrince <i>J</i>	<i>5/1/67</i>

17. Date of Original Issuance 18. Date of REISA/STH: RWJones *in accordance with the Jones to Sealston*

19. For the Cooperating Country
The terms and conditions set forth herein are hereby agreed to:

20. For the Agency for International Development

SIGNATURE DATE SIGNATURE TITLE
Irwin R. Hedges, Actg. Asst. Admin. _____

PIO/Y	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	<input checked="" type="checkbox"/> Worksheet <input type="checkbox"/> Issuance	PAGE 2 OF 10 PAGES
		Cooperating Country WORLD-WIDE	PIO/T No.
		Project/Activity No. and Title: Task Order for POPLAB Development and Study Protocols against AID/UNC Basic Agreement for Laboratories for Population Studies	

SCOPE OF WORK

21. Scope of Technical Services

A. Description

The University of North Carolina will:

- (1) begin and complete the technical development which will result in negotiated agreements for the establishment of four laboratories for population studies at selected overseas institutions; and
- (2) develop a catalogue of study protocols and continue methodological research begun under Phase I of the project (AID/csd-2161) to be used by research institutions around the world and not limited for use by the POPLABS. To provide these services in accordance with the specifications outlined below the University of North Carolina will establish a POPLAB Development Unit at UNC which will maintain liaison and coordinate with AID on this project. The performance of these services will require a sequence of steps.

(cont. p. 5)

B. Technicians

(1) (a) Number	(b) Specialized Field	(c) For 2 yrs Grade and/or Salary	(d) Duration of Assignment (Yrs-Months)
1	Project Director	30,750	12
1	Project Coordinator	51,250	24
1	Statistician Demographer	41,000	24
1	Statistician Demographer	20,500	12
5	Collaborating Statistician	20,500	12
1	Research Assistant	15,130	24
1	Adm. Secretary	11,380	24
1	Secretary	8,580	24
(2) Duty Post and Duration of Technicians' Services			

UNC - U.S.A.

(3) Access to Classified Information

N.A.

(4) Dependents Will Will Not Be Permitted to Accompany Technician

C. Financing Costs of Technical Services

(1) By AID - \$ FY 69 - \$353,010

(2) By Cooperating Country -

PIO/T	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	<input type="checkbox"/> Worksheet <input type="checkbox"/> Issuance	PAGE 3 OF 10 PAGES
	PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	Cooperating Country WORLD-WIDE	PIO/T No.
		Project/Activity No. and Title Task Order for FOPLAS Development and Study Protocols against AID UNC Basic Agreement for Laboratories for Population Studies	

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	2 yrs. (3) Estimated Costs
	Printing and Duplicating	2,500
	Rent	11,000
	Communications	3,000
	Equipment	7,000
	Supplies	4,000
B. Financing Costs of Equipment and Supplies		
(1) By AID - \$	27,500	(2) By Cooperating Country -

23. Instructions to Authorized Agent

This PIO/T is for the issuance of Task Order #1 against the AID/UNC Basic Agreement for Laboratories for Population Studies.

Contact: Dr. Forrest E. Linder, Project Director
University of North Carolina
Dept. of Biostatistics, School of Public Health
and
Carolina Population Center
Chapel Hill, North Carolina

24. Special Provisions

As specified in the AID/UNC Basic Agreement

The contract with the University of North Carolina shall stipulate that A.I.D. may terminate the contract without other cause by June 30, 1970 unless at least one Project Agreement for the establishment of a population laboratory has been concluded.

PIO/T	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	<input checked="" type="checkbox"/> Worksheet <input type="checkbox"/> Invoice	PAGE 4 OF 10 PAGES
		Cooperating Country WORLD-WIDE	PIO/T No.
		Project/Activity No. and Title Task Order for POPLAB Development and Study Protocols against AID/ UNC Basic Agreement for Laboratories for Population Studies	

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

- (1) Semi-annual project reports will be made by the UNC to WOH/PS on the status of this project.
- (2) Expenditure reports will be submitted to AID in accordance with AID's program and funding procedures.
- (3) The catalogue of study protocols will be supplied to WOH/PS in numbers requested.

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

Parts I and II of Analysis Phase I and Proposal for Phase II submitted by UNC on Laboratories for Population Studies.

AID/UNC Basic Agreement for Laboratories for Population Studies
Sole Source justification.

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

A. Relationships and Responsibilities

B. Cooperating Country Liaison Officials

C. AID Liaison Officials

Dr. Joseph A. Cavanaugh
Chief, Manpower & Research Division
Population Service
Office of the War on Hunger • 370 •

CONTINUATION SHEET	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	<input checked="" type="checkbox"/> Worksheet <input type="checkbox"/> Issuance	PAGE 5 OF 10 PAGES
		1. Cooperating Country WORLD-WIDE	2.a. Code No.
		2.b. Effective Date	2.c. <input type="checkbox"/> Original OR <input type="checkbox"/> Amendment Original OR No.
FORM SYMBOL PIO/T	TITLE OF FORM PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	3. Project/Activity No. and Title Task Order for POPLAB Development and Study Protocols against AID UNC Basic Agreement for Laboratories for Population Studies	
Indicate Block numbers.	Use this form to complete the information required in any block of a FID or PAA form.		
21A.	A - <u>Design of Poplabs</u>		
	<p>The AID contract (Contract AID/csd-2161 - Phase I) with the University of North Carolina provided that the university should "In close consultation with Population Services/WHO and the appropriate regional bureaus, contact specified institutions abroad with the intent of obtaining their agreement, in principle, to establish population laboratories with a tie-in with North Carolina University."</p> <p>Eleven countries including 28 institutions were visited by UNC with the concurrences of the USAIDs and detailed reports and analysis on each site investigated has been made by the UNC. Nine institutions were identified by UNC as having optimum potential as the initial POPLAB sites. From the nine institutions four will be identified in priority order for the establishment of UNC-linked POPLABs.</p> <p>(1) Upon receipt by UNC of the approval of WHO/PS, the respective regional bureau and the USAID for each of the four selected sites the detailed operating plans will be designed.</p> <p>(2) For these selected institutions, all information readily available in the US will be collected which will be useful in the preliminary custom-design of a project for each individual institution. Each POPLAB will relate to an existing institution with established interest and capacity to collect substantive data and make studies in population measurement methodology.</p> <p>(3) After the preliminary design is drafted there will be an extended study <u>in situ</u> made by a UNC Developmental Unit staff member with the approval of the appropriate USAID in order to modify the design as required by national circumstances. The design will include the scientific activities suitable to the interests, resources and conditions of the institution. These activities are of two kinds:</p> <p><u>Continuing basic functions</u> which include the development of the basic laboratory (i.e., a definite study population for which size, composition, rates of change and other characteristics are continuously known) and the collection and compilation of certain standard demographic statistics on the population, as specified below:</p> <p>a) define the geographic area of the field laboratory which would comprise a population of 25,000-100,000 persons and develop the basic requirements so that area can be used for data collection surveys. These requirements may include maps, house identification numbers, etc.</p>		

AID-1222-14 (2-63)
 CONTINUATION SHEET
 FORM SYMBOL
 PIO/T

DEPARTMENT OF STATE
 AGENCY FOR
 INTERNATIONAL DEVELOPMENT
 TITLE OF FORM
 PROJECT IMPLEMENTATION
 ORDER/TECHNICAL
 SERVICES

<input checked="" type="checkbox"/> Worksheet	<input type="checkbox"/> Issuance	PAGE 6 OF 10 PAGES
1. Geographical Grouping WORLD-WIDE		2. Code No.
2. Effective Date		3. <input type="checkbox"/> Original <input type="checkbox"/> Amendment
3. Project/Activity No. and Title Task Order for POPLAB Development and Study Protocols against AID/ UNC Basic Agreement for Laboratories for Population Studies		

Indicate block numbers.

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

21A.(cont.)

- b) conduct a periodic (possibly every 2-4 years) census, covering basic demographic items and other items of interest to the country relating to population change,
- c) perfect the vital registration system in the area, or install a sample registration system so that there is accurate and current data on births and deaths,
- d) conduct a periodic (possibly every 5 years) ecological survey of the area so that major socio-economic-cultural features of the area are known,
- e) establish a permanent central office which would direct the activities of the POPLAB and where data from the field activities would be collated and analyzed.

Ad Hoc Studies - Provision for carrying out Ad Hoc studies after the continuing basic functions of the POPLAB are established will be included in the design.

(4) Upon completion of the definitive plan and in close collaboration with the respective USAID the operating budget will be drawn up. This will include estimated costs at UNC and at the National POPLAB for infrastructure, methodological development and continuing basic functions.

B - Negotiating Agreements

1. A sustaining agreement between the University of North Carolina and each National institution will be developed cooperatively for a 5-year period which will define the general character of each POPLAB and the continuing basic functions to be financed under the agreement. The agreement will provide that the basic continuing functions of the POPLAB and other scientific studies will be under the direction and full administrative control of the National institution with the consultative cooperation of the University of North Carolina staff. The agreement will further provide that UNC will develop procedures for the interchange of technical findings between the laboratories and initiate other methods for a wider dissemination of the scientific results and experience of the laboratories.

2. Before finalizing this agreement the UNC will present the draft agreement to the respective USAID for review and approval. The USAID will review and approve the agreement in light of local and national needs, conditions and prevailing circumstances, level of support required, and the host country's capacity to continue the institutional function past the period of the agreement. The USAID will negotiate the level of AID

CONTINUATION
SHEET

FORM SYMBOL

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AGENCY P.L.S
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TITLE OF FORM

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1. Covering Country
WORLD WIDE

2a. Code No.

2b. Effective Date

2c. Original Amendment
OR No.

3. Project/Activity No. and Title Task Order for POPLAB
Development and Study Protocols against AID/
UNC Basic Agreement for Laboratories for
Population Studies

Indicate block
numbers.

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

2)A.(cont.)

country
support and the host/commitment.

3. During this period the UNC will designate a staff member to coordinate, assist when required and keep abreast of the status of negotiations.

4. Based on the agreement reached on the recommended level of AID support and the host country commitment, the respective USAID will approve the proposed UNC/POPLAB sustaining agreement. (Funds to finance each UNC/POPLAB sustaining agreement are not included in this task order. They will be authorized ~~directly to UNC~~ through separate task orders, the requests for which will be initiated by the respective USAIDs).

C - Methodological Research

The UNC will continue to prepare the scientific and methodological base for POPLAB activities (which began under Phase I, AID/csd-2161) by methodological research, preparation of scientific report on the state of methodological procedures, preparation of technical manuals on POPLAB methods.

These include a) design of special survey approaches for measuring incidence of "difficult-to-measure" events such as abortions, illegitimate births, early infant death, birth of defective infants; b) measurement problems related to determination of parameters for simulation models; c) design of interlocking statistical collection systems from more than one source; d) optimum frequency in longitudinal studies; e) etc., which are necessary to the development of the UNC/POPLAB sustaining agreement, so that the continuing basic functions of the POPLAB and the field laboratory can be designed to be brought into operation to deal with determining essential facts and the methodology of testing problems.

(The methodology of measuring population change is not yet static nor far advanced. The progressive development of the POPLAB's will require a continuous program of applied research on data collection methodology. This will be included in and continued to be financed under each separate POPLAB agreement).

D - Catalogue of Study Protocols

In order to stimulate improvement in demographic research in many countries in the world, the UNC will develop a Catalogue of Study Protocols from which studies to be made by any laboratory could be selected from a number of possible substantive or methodological topics. The catalogue will include general studies of universal interest as well as studies

CONTINUATION
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1. Cooperating Country
WORLD WIDE

2.a. Code No.

2.b. Effective Date

2.c. Original Amendment
CR No.3. Project/Activity No. and Title Task Order for POPLAB
Development and Study Protocols against AID/
UNC Basic Agreement for Laboratories for
Population StudiesIndicate block
numbers.

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

21A. (cont.)

of special regional interest. Below are some illustrative examples of
types of Ad Hoc Studies Protocols to be developed:Illustrative Study Protocols titles for substantive studies

1. Sample KAP surveys based on items recommended by Population Council
2. Sample fertility surveys based on items recommended by IUSSP
3. Determination of parity marital status
4. Estimation of crude death rates by occurrence of deaths in a household
5. Fertility patterns and projections including correction for migration
6. Estimation of parameters for input for population simulation models
7. Determination of birth intervals by age by survey methods
8. Survey to determine joint husband-wife age distributions
9. Interview survey determination of value parents place on having a surviving male or female child.

Illustrative Study Protocols titles for methodological studies

1. Evolution of recall lapse in retrospective surveys for measurement of vital rates
2. Evaluation of telescopic effects in retrospective surveys for measurement of vital rates
3. Completeness of reporting of infant deaths in interview surveys
4. Completeness of birth reporting of early infant deaths in interview surveys
5. Paired choice method for measuring desired family size
6. Randomized response technique for measuring incidence of abortion
7. Randomized response technique for measuring incidence of illegitimate births

CONTINUATION
SHEET

FORM SYMBOL

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DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT Worksheet Issuance

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1. Cooperating Country
WORLD WIDE

2.a. Code No.

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PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES3. Project/Activity No. and Title Task Order for POPLAB
Development and Study Protocols against AID/
UNC Basic Agreement for Laboratories for
Population StudiesIndicate block
numbers.

21A.(cont.)

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

8. Family size preference as measured by "up and down" method
9. Comparison of longitudinal and cross section studies in measurement of population change
10. Assessing the effects of migration on measurement of mortality and fertility by surveys
11. Objective pregnancy tests as a tool in measurement of fertility surveys for measurement of vital rates
12. Increased completeness of birth (death) reporting in interview surveys by use of multiplicity principle
13. Birth-follow back methods for measuring proportion of live births not wanted (or not wanted now).

Under Phase I of this Project the UNC compiled a definitive list of over 40 institutions throughout the world engaged in statistical and demographic research with a potential for POPLAB-type programs. This catalogue is to spread the impact of POPLAB research which UNC is developing to these institutions which will not be financed under POPLAB agreements. The catalogue will also serve to assist the POPLABs in selecting Ad Hoc studies they may wish to undertake after they are established.

Schedule for Implementing this Task Order

Beginning ASAP - UNC will organize project development unit to carry out the work prescribed in this task order

Between Jan. 1970 thru Dec. 1971 - Agreements will have been negotiated to establish 2 laboratories

Jan. 1972-Dec. 1972 - Agreement for the 3rd laboratory will have been negotiated and catalogue of study protocols completed

Jan. 1973-Dec. 1973 - Agreement for the 4th laboratory will have been negotiated.

By June 1974 - UNC will have completed all technical development for negotiation agreements for the establishment of 4 POPLABS

CONTRIBUTION SHEET

FORM SYMBOL

PIO/T

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

TITLE OF FORM

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1. Cooperating Country
WORLD WIDE

2.a. Code No.

2.b. Effective Date

2.c. Original Amendment
OR No.

3. Project/Activity No. and Title
Task Order for POPLAB
Development and Study Protocols against AID/
UNC Basic Agreement for Laboratories for
Population Studies

Indicate block numbers.

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

21A. (cont.)

Financing

The task order requires UNC to carry out the services over a period of 5 years from the date of authorization. FY 69 funds will be obligated for commitment at the time the task order is issued to cover costs for the first two years of services. The commitment of funds to cover costs for the remaining period will be subject to review by AID on the progress of the project and AID's financing procedures. Attached is a budget estimate covering 5 years of services. The overhead rate stipulated in the basic agreement should be applied.

Relationship between AID and UNC

1. The approval of the Regional Bureaus and the USAID's will be obtained by WOH/PS for the selection of each POPLAB site.
2. Travel performed under this task order by UNC staff members must have the prior approval of AID's authorizing agent (which will include the approval of WOH/PS, Regional Bureaus and USAID's).
3. The UNC/POPLAB sustaining agreement must have USAID approval before being finalized.
- ~~4. No commitment of funds may be made by the UNC to the FOPLAB before these funds have been obligated by AID to the UNC for this purpose under separate task orders.~~

TABLE A

Population Studies LaboratoriesPhase II - UNC Developmental Unit
Estimates for First Three Years

	1st Year	2nd Year	3rd Year	TOTAL
A. PERSONNEL				
Project director (½-time)	15000	15750	16540	47290
Project coordinator (full-time)	25000	26250	27560	78810
Statistician-demographer (full-time)	20000	21000	22050	63050
Statistician-demographer (½-time)	10000	10500	11025	31525
Collaborating statisticians (5 at 10%-time)	10000	10500	11025	31525
Research assistant (full-time)	7380	7750	8120	23250
Administrative secretary (full-time)	5550	5830	6100	17480
Secretary (full-time)	4200	4380	4580	13160
Subtotal personnel	97130	101960	107000	306090
B. SOCIAL SECURITY AND RETIREMENT (1st year at 13.75%) (2nd and 3rd year at 14.15%)	13350	14420	15140	42910
C. SHORT-TERM EMPLOYEES AND CONSULTANTS	5000	5000	5000	15000
D. TRAVEL AND SUBSISTENCE	10000	12000	12000	34000
E. OTHER DIRECT COSTS				
Printing and duplicating	1000	1500	2000	4500
Rent	5500	5500	5500	16500
Communications (tolls and cables)	1200	1800	1800	4800
Equipment	5000	2000	1000	8000
Supplies	2000	2000	2000	6000
F. INDIRECT COSTS (33.48% of salaries)	32520	34130	35820	102470
TOTAL	172700	180310	187260	540270

TABLE B

Population Studies Laboratories

Phase II - UNC Developmental Unit
 Supplemental Estimates for Fourth and Fifth Years

	4th Year	5th Year	TOTAL
A. PERSONNEL			
Project director (½-time)	16540	16540	33080
Project coordinator (full-time)	27560	27560	55120
Statistician-demographer (full-time)	22050	22050	44100
Statistician-demographer (½-time)	11025	11025	22050
Collaborating statisticians (5 at 10%-time)	11575	12150	23725
Research assistant (full-time)	8520	8940	17460
Administrative secretary (full-time)	6400	6700	13100
Secretary (full-time)	4800	5040	9840
Subtotal personnel	108470	110005	218475
B. SOCIAL SECURITY AND RETIREMENT (4th and 5th year at 14.60%)	15830	16060	31890
C. SHORT-TERM EMPLOYEES AND CONSULTANTS	5000	5000	10000
D. TRAVEL AND SUBSISTENCE	9000	9000	18000
E. OTHER DIRECT COSTS			
Printing and duplicating	2000	2000	4000
Rent	3000	3000	6000
Communications (tolls and cables)	1000	1000	2000
Equipment	0	0	0
Supplies	2000	2000	4000
F. INDIRECT COSTS (33.48% of salaries)	36310	36830	73140
TOTAL	182610	184895	367505

PROC/CSD, Mr. Robert J. O'Brien

April 16, 1969

/s/ Joseph A. Cavanaugh, Ph.D.

WOH/PS/ARD, Joseph A. Cavanaugh, Ph.D.

Justification for Single Source Selection of Contractor - University of North Carolina - Laboratories for Population Studies

The Laboratories for Population Studies will provide for the establishment of four population laboratories overseas to provide the infrastructure for testing various population measurement instruments and techniques and for obtaining pertinent statistical information under controlled conditions.

The University of North Carolina has a special competence in this area. The program director for this project will be Dr. Forrest E. Linder, former Director of the U.S. National Center for Health Statistics and now Professor of Biostatistics at the University of North Carolina. All the faculty members who will be involved in this project are already engaged in on-going statistical and demographic research work financed from non-A.I.D. sources. The POPLAB project will in this way benefit from a wide range of research not financed by A.I.D. but essential to the project.

In addition to theoretical and academic experience, the faculty has practical professional experience both in health departments working with problems related to vital statistics and in the collection of other data pertaining to the measurement of population growth. Each member of the faculty group has also had international experience, for several, extensive, both in relation to foreign academic and research institutions as well as with official government agencies responsible for collection of vital statistics and other demographic data.

Phase I of this project was conducted by the UNC under Contract AID/csd-2161. It has been successfully concluded and A.I.D. is now prepared to proceed with the basic agreement with UNC for this project and with Task Order #1 against this agreement for the development of four laboratories at selected overseas sites.

WOH/PS/ARD:CJEllis:mlp:4-16-69

DEPARTMENT OF STATE
AGENCY FOR
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Worksheet Issuance

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

1. Cooperating Country
Worldwide

2. PIO/T No.
931-11-570-861-73-3104186

3. Project/Activity No. and Title
Laboratories for Population Studies - UNC
AID/csd-2495 Task Order #1
POPLAB Development Unit

PD-ADD-378

4. Appropriation Symbol
72-11x4111.1

5. a. Allotment Symbol & Charge
489-31-099-00-81-01

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

6. Obligation Status

Administrative Reservation Obligation Sub-Obligation

7. Original or
Amendment No.:

8. No. of Technicians
NA

9. Services to Start (Mo., Day, Yr.)
Between: 4/29/70 And: 6/30/70

10. Duration (Months)
a. Of Services 12 b. Of Financing 12

11. a. Type of Action
 AID Contract Cooperating Country Contract Participating Agency Service Agreement

Amendment to Task Order #1
of AID/UNC Basic Agreement.

11. b. Authorized Agent
AID/W

Financing \$1.00 =	A. Previous Total	B. Increase	C. Decrease	D. Total to Date
12. AID Financing a. Dollars		208,460		208,460
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)
Additional funds totalling \$208,460 are to be allocated in FY 70 to Task Order #1 to cover estimated costs for the third operational year of the project. This conforms with the two year forward funding principle for continuing projects.

References: Semi-annual Progress Report from UNC - 1/15/70
Project Summary prepared by TA/POP - 4/15/70
Budget for third operational year - submitted by UNC 4/15/70

16. Mission Clearances	Date	Mission Clearances	Date

17. Date of Original Issuance

18. Date of this Issuance
June 1, 1970

19. For the Cooperating Country
The terms and conditions set forth herein are hereby agreed to:

20. For the Agency for International Development

R. J. O'Brien

Contracting Officer, Contract Services Div.

SIGNATURE

DATE

SIGNATURE

TITLE

TITLE

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

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PAGE 1 OF 6 PAGES 9528861 (15)

1. Cooperating Country
World Wide

2. PIO/T No.
931-11-570-861-3114465

3. Project/Activity No. and Title
PD-AAD-998
Amendment #2 to Task Order #1 under AID/UNC
Basic Agreement for Laboratories for
Population Studies AID/csd-2495

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

4. Appropriation Symbol
72-1111006

5. a. Allotment Symbol & Charge
156-31-099-00-20-11

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

6. Obligation Status
 Administrative Reservation Obligation Sub-Obligation

7. Original or Amendment No. _____

931-861

8. No. of Technicians
1 technician

9. Services to Start (Mo., Day, Yr.)
Between: 11/1/70 And: 12/1/70

10. Duration (Months)
a. Of Services 14 b. Of Financing 20

11. a. Type of Action
 AID Contract Cooperating Country Contract Participating Agency Service Agreement Other

Amendment to Task Order #1

11. b. Authorized Agent
AID/W

Financing	A. Previous Total	B. Increase	C. Decrease	D. Total to Date
12. AID Financing				
a. Dollars		89,321		89,321
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)
The objective of this PIO/T is to amend task order #1 to authorize, as previously conceived in the AID/UNC POPLAB Basic Agreement and Task Order #1, Selective Publications Program for the interchange of technical findings between population laboratories and wider dissemination of the scientific results and experience of these laboratories. This would enhance the POPLAB's ability to (a) create a worldwide awareness of the need for sound demographic measurement methods; (b) stimulate other institutions to modify their research; (c) supply a selected number of professionals and technicians abroad who work in demographic measurement with materials not now available to them; (d) create an international network of demographers interested in methodology and more relevant (continuation sheet)

16. Mission Clearances	Date	Mission Clearances	Date

17. Date of Original Issuance

18. Date of this Issuance
December 23, 1970

19. For the Cooperating Country
The terms and conditions set forth herein are hereby agreed to:

20. For the Agency for International Development

Robert J. O'Brien
Robert J. O'Brien

SIGNATURE

DATE

TITLE

SIGNATURE

Contracting Officer, Contract Services Div.

TITLE

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

Worksheet Issuance

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

Cooperating Country
World Wide

PIO/T No.
931-11-570-861

Project/Activity No. and Title
Amendment #2 to Task Order #1 under AID/UNC
Basic Agreement for Laboratories for Population

SCOPE OF WORK

21. Scope of Technical Services

A. Description

UNC will add a component in the POPLAB Development Unit which will be known as the Selective Publications Program. This component will facilitate further interchange among POPLABS and wider dissemination among selected research institutions and demographic organizations of the technical materials and the scientific results and experiences generated from the POPLAB program. It will be under the same administrative and professional direction as the POPLAB Development Unit.

I. Types of publications:

a. The Manuals which present methods and procedures to deal with operational aspect of population survey planning and administration, collection and management of vital record data or other problems relevant to POPLABS; including, alternative methods and a variety of options and procedures
(continuation sheet)

B. Technicians

(1) (a) Number	(b) Specialized Field	(c) Grade and/or Salary	(d) Duration of Assignment (Man-Months)
1	Publications Officer	<u>Annually</u> \$12,000	44
1	Clerk-Secretary	5,800	44

(2) Duty Post and Duration of Technicians' Services

UNC, Chapel Hill, North Carolina

(3) Access to Classified Information

NA

(4) Dependents Will Will Not Be Permitted to Accompany Technician

Financing Costs of Technical Services

(1) By AID - \$89,321

(2) By Cooperating Country -

PIO/T

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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)

Progress and financial reporting required under Task Order No. 1 of the basic Agreement should be expanded to include activities carried out by this amendment. UNC will supply to TA/POP six copies of all publications.

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

1. Proposal for Selective Publications Program
2. Basic Agreement AID/csd-2495
3. Task Order #1 AID/csd-2495 and Amendment #1
4. Progress Report January 1, 1970 - June 30, 1970
5. Budget attached to PIO/T

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

A. Relationships and Responsibilities

B. Cooperating Country Liaison Official

C. AID Liaison Officials

J. Cavanaugh (Consultant)

J. Joseph Speidel

CONTINUATION
FORM SYMBOL

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Worldwide

2.a. Code No.

2.b. Effective Date

2.c. Original Amendment
OR No.

TITLE OF FORM

3. Project/Activity No. and Title
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Basic Agreement for Laboratories for
Population Studies AID/csd-2495

Indicate block numbers.

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

15. substantive population surveys; (e) provide a permanent source of technical reference materials; and (f) make a significant contribution to training programs in selected institutions in various countries of the world for demographers, statisticians, and population specialists.

21 A. for varying local conditions.

b. Scientific Papers and Reports, which either originate ^{and} /or lay the groundwork for the research programs of the various POPLAB centers, and consist of statements of approved research plans, theoretical papers, reports on methodological experimentation summaries, and interpretation of data.

c. Reprints (in accordance with copy right procedures) of selected scientific materials, of interest and pertinent to the POPLAB program, from a variety of international journals with a scientific methodological orientation.

d. The Study Protocols which will be expanded to include a wider range of substantive surveys and studies and more protocols of an analytical nature.

II. Preparation of Materials

The four types of publications will be standardized in format and general appearance, bound for convenient shelving and use and distinguished by color code. Preparation of the above publications will include, as appropriate, selecting, abstracting, editing, summarizing, translating, reproducing and publishing materials; as well as commissioning special pieces of work.

Generally, publications will be in English with synopsis in Spanish and French. If an occasional work from the field is produced in the origin language, it will carry a synopsis in English in addition to synopses in Spanish and French.

III. Publishing and Distributing Materials

Under this program, UNC Development unit will produce and distribute 15 to 20 issues per year (an issue is any one of the four types of publications) approximately 500 copies per issue will be published and distributed annually; around 300 will be distributed overseas, 100 will be for domestic distribution, and 100 copies retained in stock for later demand.

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CONTINUATION
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FORM SYMBOL

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Worldwide

2.a. Code No.

2.b. Effective Date

2.c. Amendment
 Original OR No. _____3. Project/Activity No. and Title
Amendment #2 to Task Order #1 under AID/UNC
Basic Agreement for Laboratories for
Population Studies AID/csd-2495Indicate block
numbers.

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

21 A.

UNC will develop, in cooperation with the A.I.D. project monitor and with his concurrence, the criteria for a selective mailing list of institutions and individuals in the U.S. and abroad to whom these publications will be sent. In addition to the provisions set forth in the Basic Agreement, Article 11, No. 4, UNC will submit each issue to the A.I.D. project manager for his substantive review and comments which are to be submitted in writing to UNC within the established 45 day review period prior to publication.

Evaluation: UNC will designate an advisory group to be concurred in by A.I.D.'s project manager consisting of persons from the fields of demography, statistics and population studies to periodically (at least once a year) evaluate this program to assure that scientific materials of the highest level are included in these publications. The Advisory Group's evaluation shall be included annually in the UNC progress report for Task Order #1.

Personnel and Consultant Services: The Contractor shall provide the selective publications program with the level of effort reflected in the budget for personnel.

Consultant and short-term personnel on an ad hoc basis may be used as necessary (within the budget limitations established for the Selective Publications Program and in accordance with Article VII B) for commissioned materials, translations, writing synopsis, and other relevant services.

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

Standard Issuance

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

1. Cooperating Country
Worldwide

2. PIO/T No.
931-11-570-861-311445

3. Project/Activity No. and Title
Amendment #2 to Task Order #1 under AID/UNC
Basic Agreement for Laboratories for Population
Studies AID/csd-2495

4. Appropriation Symbol
72-11X4103.1

5. a. Allotment Symbol & Charge
353-31-099-00-81-11

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

9. Services to Start (Mo., Day, Yr.)
Between: And:

10. Duration (Months)
a. Of Services b. Of Financing

11. a. Type of Action
 AID Contract Cooperating Country Contract Participating Agency Service Agreement Other

11. b. Authorized Agent

Financing \$1.00 =	A. Previous Total	B. Increase	C. Decrease	D. Total to Date
12. AID Financing a. Dollars	\$89,321			\$89,321
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)

The purpose of this amendment is to transfer the obligation from Appropriation No. 72-1111006 Allotment 156-31-099-20-11 to above funds citation.

16. Mission Clearances	Date	Mission Clearances	Date

17. Date of Original Issuance

18. Date of this Issuance
March 29, 1971

19. For the Cooperating Country
The terms and conditions set forth herein are hereby agreed to:

20. For the Agency for International Development

R. J. O'Brien
R. J. O'Brien

SIGNATURE _____ DATE _____
TITLE _____

SIGNATURE _____
Contracting Officer, Contract Services Div.
TITLE _____

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

Worksheet Issuance

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

1. Cooperating Country

Worldwide

2. PIO/T No.

031-11-570-861-2111115

3. Project/Activity No. and Title

Amendment #2 to Task Order #1 under AID/UNC
Basic Agreement for Laboratories for Population
Studies AID/CSD-2495

4. Appropriation Symbol

6. 159-031-089-00-20-11

5. a. Allotment Symbol & Charge

72-1111006

5. b. Funds Allotted to:

AID/W Mission

7. Original or

Amendment No.:

Administrative
Reservation

Obligation

Sub-Obligation

8. No. of Technicians

1 technician

9. Services to Start (Mo., Day, Yr.)

Between: Nov. 1, 1970 And: Dec. 1, '70

10. Duration (Months)

a. Of Services 14 b. Of Financing 20

11. a. Type of Contract

AID Contract

Cooperating
Country Contract

Participating Agency
Service Agreement

Amendment to Task Order
#1

11. b. Authorized Agent

Financing AID/W
\$1.00 =

A. Previous Total

B. Increase

C. Decrease

D. Total to Date

12. AID Financing

a. Dollars

102,000

102,000

b. U.S.-Owned
Local Currency

13. Cooperating Country
Contributions

a. Counterpart

b. Other

FUNDS RESERVED BY

POSTED 11/15/70

14. Mission
References

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

The objective of this PIO/T is to amend task order #1 to authorize, as previously conceived in the AID/UNC POPLAB Basic Agreement and Task Order #1 Selective Publications Program for the interchange of technical findings between population laboratories and wider dissemination of the scientific results and experience of these laboratories. This would enhance the POPLAB's ability to (a) create a worldwide awareness of the need for sound demographic measurement methods; (b) stimulate other institutions to modify their research; (c) supply a selected number of professionals and technicians abroad who work in demographic measurement with materials not now available to them; (d) create an international network of demographers interested in methodology and more relevant

(continuation sheet)

16. Mission Clearances

Date

Mission Clearances

Date

CELLIS:TA/POP

MR Backlund:TA/POP

JKeam:TA/PN

JVeen:TA/POP

17. Date of Original Issuance

18. Date of this Issuance

19. For the Cooperating Country

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

20. For the Agency for International Development

SIGNATURE

DATE

Kenneth S. Towler
SIGNATURE

TITLE

Associate Assistant Administrator

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT Worksheet Issuance

PAGE 2 OF 6 PAGES

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

Cooperating Country

Worldwide

PIO/T No.

231 11 570 861

Project/Activity No. and Title

Amendment #2 to Task Order #1 under AID/UNC
Basic Agreement for Laboratories for Population

SCOPE OF WORK

21. Scope of Technical Services

A. Description

UNC will add a component in the POPLAB Development Unit which will be known as the Selective Publications Program. This component will facilitate further interchange among POPLABS and wider dissemination among selected research institutions and demographic organizations of the technical materials and the scientific results and experiences generated from the POPLAB program. It will be under the same administrative and professional direction as the POPLAB Development Unit and shall carry out the scope of work outlined in the UNC proposal dated June 15, 1970, for the establishment of this program with the exception that all references to "task order #2" in the proposal shall refer to Amendment to Task Order #1. This will include:

I. Four types of publications as follows:

- a. The Manuals which present methods and procedures to deal with operational aspect of population survey planning and administration, collection and management of vital record data or other problems relevant to POPLABS; including, alternative methods and a variety of options and procedures

(continuation sheet)

B. Technicians

(1) (a) Number	(b) Specialized Field	(c) Grade and/or Salary	(d) Duration of Assignment (Man-Months)
1	Publications Officer	<u>Annually</u> \$12,000 +	44
1	Clerk-Secretary	5,800 +	44

(2) Duty Post and Duration of Technicians' Services

UNC, Chapel Hill, North Carolina

(3) Access to Classified Information

NA

(4) Dependents Will Will Not Be Permitted to Accompany Technician

C. Financing Costs of Technical Services

(1) By AID - \$ 102,000

(2) By Cooperating Country -

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

Worksheet Issuance

CONTINUATION
SHEET

1. Cooperating Country
Worldwide

2.a. Code No.

FORM SYMBOL

TITLE OF FORM

2.b. Effective Date

2.c. Amendment
 Original OR No.:

3. Project/Activity No. and Title
Amendment #2 to Task Order #1 under AID/UNC
Basic Agreement for Laboratories for
Population Studies AID/csd-2495

Indicate block
numbers.

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

15. substantive population surveys; (e) provide a permanent source of technical reference materials; and (f) make a significant contribution to training programs in selected institutions in various countries of the world for demographers, statisticians, and population specialists.

21 A. for varying local conditions.

b. Scientific Papers and Reports, which either originate^{and} or lay the groundwork for the research programs of the various POPLAB centers, and consist of statements of approved research plans, theoretical papers, reports on methodological experimentation summaries, and interpretation of data.

c. Reprints (in accordance with copy right procedures) of selected scientific materials, of interest and pertinent to the POPLAB program, from a variety of international journals with a scientific methodological orientation.

d. The Study Protocols which will be expanded to include a wider range of substantive surveys and studies and ^{more} ~~more~~ protocols of an analytical nature.

II. Preparation of Materials

The four types of publications will be standardized in format and general appearance, bound for convenient shelving and use and distinguished by color code. Preparation of the above publications will include, as appropriate, selecting, abstracting, editing, summarizing, translating, reproducing and publishing materials; as well as ~~special pieces of work~~ ^{commissioning} special pieces of work.

Generally, publications will be in English with synopsis in Spanish and French. If an occasional work from the field is produced in the original language, it will carry a synopsis in English in addition to synopses in Spanish and French.

III. Publishing and Distributing Materials

Under this program, UNC Development unit will produce and distribute 15 to 20 issues per year (an issue ~~anyone~~ of the four types of publications) approximately 500 copies per issue will be published and distributed annually; around 300 will be distributed overseas, 100 will be for domestic distribution, and 100 copies retained in stock for later demand

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

Worksheet Issuance

PAGE 5 OF 5 PAGES

CONTINUATION
SHEET

1. Cooperating Country

2.a. Code No.

World Wide
2.b. Effective Date

2.c. Original OR Amendment

FORM SYMBOL

TITLE OF FORM

3. Project/Activity No. and Title

Amendment #2 to Task Order #1 under AID/UNC
Basic Agreement for Laboratories for
Population Studies AID/and 2495

Indicate block
numbers.

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

21 A.

UNC will develop, in cooperation with the A.I.D. project monitor and with his concurrence, the ^{criteria} for a selective mailing list of institutions and individuals in the U.S. and abroad to whom these publications will be sent. In addition to the provisions set forth in the Basic Agreement, Article 11, No. 4, UNC will submit each issue to the A.I.D. project manager for his substantive review and comments which are to be submitted in writing to UNC within the established 45 day review period prior to publication.

Evaluation: UNC will designate an advisory group to be concurred in by A.I.D.'s project manager consisting of persons from the fields of demography, statistics and population studies to periodically (atleast once a year) evaluate this program to assure that scientific materials of the highest level are included in these publications. The Advisory Group's evaluation shall be included annually in the UNC progress report for Task Order #1.

Personnel and Consultant Services: The Contractor shall provide the selective publications program with the level of effort reflected in the budget for personnel.

Consultant and short-term personnel on an ad hoc basis may be used as necessary (within the budget limitations established for the Selective Publications Program and in accordance with Article VII B) for commissioned materials, translations, writing synthesizing, and other relevant services.

AID 1980-1X (19-70)	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	1. Cooperating Country WORLDWIDE	Page 1 of 1 Pages
		2. PIO/T No. 931-11-570-861-73-3114445	3. <input type="checkbox"/> Original or Amendment No. 2
PIO: T	PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	4. Project/Activity No. and Title Amendment #2 to Task Order #1 under AID/UNC Basic Agreement for Laboratories for Population Studies AID/csd-2495	

DISTRIBUTION	5. Appropriation Symbol 72-11X4111.1		6.A. Allotment Symbol and Charge 489-31-099-00-81-11		6.B. Funds Allotted to: <input checked="" type="checkbox"/> A.I.D./W <input type="checkbox"/> Mission	
	7. Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Subobligation				8. Funding Period (Mo., Day, Yr.) From _____ to _____	
	9.A. Service to Start (Mo., Day, Yr.) Between _____ and _____				9.B. Completion date of Services (Mo., Day, Yr.)	
	10.A. Type of Action <input checked="" type="checkbox"/> A.I.D. Contract <input type="checkbox"/> Country Contract <input type="checkbox"/> Cooperating Agency Service Agreement <input type="checkbox"/> Participating Agency Service Agreement Other:					
	10.B. Authorized Agent AID/W					
	Estimated Financing		(1)	(2)	(3)	(4)
	\$1.00 =		Previous Total	Increase	Decrease	Total to Date
11. Maximum A.I.D. Financing	A. Dollars	\$89,321			\$89,321	
	B. U.S.-Owned Local Currency					
12. Cooperating Country Contributions	A. Counterpart					
	B. Other					

13. Mission References	14. Instructions to Authorized Agent The purpose of this amendment is to transfer the appropriation and allotment from 72-11X4103.1 and 353-31-099-00-81-11. This action is in accordance to advice of allotment #3 from C/BUD dated 3/26/71.
---------------------------	--

15. Clearances - Show Office Symbol, signature and Date for all Necessary Clearances.	
A. The specifications in the scope of work are technically adequate	B. Funds for the services requested are available
C. The scope of work lies within the purview of the initiating office and approved Agency Programs	D.
E.	F.

16. For the cooperating country: The terms and conditions set forth herein are hereby agreed to	17. For the Agency for International Development	18. Date of Issuance
Signature and date:	Signature: <i>R. J. O'Brien</i> Title: Contracting Officer, PROC/OSD	4/7/71
Title:		

932-861 PD-AAD-398
J. Bone City

AID 1850-1X (8-63)	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	<input checked="" type="checkbox"/> Worksheet <input type="checkbox"/> Issuance	PAGE 1 OF 6 PAGES 9r.
		1. Cooperating Country World-wide	2. PIO/T No. 931-11-570-861-73-
		3. Project/Activity No. and Title Amendment #5 to -311444 Task Order #1, Laboratories for Population Studies, AID/csd-2495	

4. Appropriation Symbol 72-11-4103.1	5. a. Allotment Symbol & Charge 489,-31-099-00-81-11	5. b. Funds Allotted to: <input checked="" type="checkbox"/> AID/W <input type="checkbox"/> Mission		
6. Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Obligation <input type="checkbox"/> Sub-Obligation		7. <input type="checkbox"/> Original or Amendment No.: 2		
8. No. of Technicians N/A	9. Services to Start (Mo., Day, Yr.) Between: ASAP And:	10. Duration (Months) 48 Funding for 48 a. Of Services b. Of Financing		
11. a. Type of Action <input type="checkbox"/> AID Contract <input type="checkbox"/> Cooperating Country Contract <input type="checkbox"/> Participating Agency Service Agreement		Amendment to <input checked="" type="checkbox"/> Other Task Order #1		
11. b. Authorized Agent AID/W				
Financing \$1.00 =	A. Previous Total	B. Increase	C. Decrease	D. Total to Date
12. AID Financing a. Dollars	89,321	335,000		424,321
b. U.S.-Owned Local Currency				
13. Cooperating Country Contributions a. Counterpart				FUNDS RESERVED BY <i>QCB</i> POSTED 5/7/71
b. Other				

14. Mission References

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

This PIO/T has two objectives:

(1) To allocate in FY 71 additional funds to cover estimated costs for the 4th operational year of the project. This conforms with the two years forward funding principle for continuing projects.

(2) To amend in accord with the changes made in the Basic Agreement, the language of the task order, where appropriate, to eliminate the existing limitation in the number of POPLABs and to include alternate designs for the establishment of additional POPLABs.

16. Mission Clearances	Date	Mission Clearances	Date
C. Ellis:TA/POP		R. Backlund:TA/POP	
T. Sprehe:TA/POP		R. Ravenholt:TA/POP	
J. Meem:T./POP		J. Kean:TA/PM	

17. Date of Original Issuance

18. Date of this Issuance

19. For the Cooperating Country
The terms and conditions set forth herein are hereby agreed to:

20. For the Agency for International Development

SIGNATURE	DATE	SIGNATURE	TITLE
		Kenneth S. Levick, Associate Assistant	Administrator
TITLE			

AID 1860-1X (8-68)	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	<input checked="" type="checkbox"/> Worksheet <input type="checkbox"/> Issuance	PAGE 2 OF 6 PAGES
		Cooperating Country World-wide	PIO/T No. 931-11-570-861-73-
		Project/Activity No. and Title Task Order #1, Laboratories for Population Studies, AID/csd-2495	
PIO/T	PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	Amendment #5 to -3114445	

SCOPE OF WORK

21. Scope of Technical Services

A. Description

I. Amend cover sheet, Article V and Article VI to increase the funds obligated for commitment so as to cover estimated budget for the 4th operational year of this project.

II. Following changes should be made in the text of the Task Order:

Article I, A, line 3 - Delete "establishment of four laboratories" and substitute "establishment of 4 or more laboratories".

Article I, B, 1, second para., last 2 sentences - Delete last 2 sentences. Substitute the following:

"From these institutions, or from institutions with equal potential in other countries to be visited by UNC, sites will be identified for the establishment of UNC-linked POPLABS. (See Continuation Sheet)

B. Technicians

(1) (a) Number

(b) Specialized Field

(c) Grade and/or Salary

(d) Duration
of Assignment
(Man-Months)

NA

(2) Duty Post and Duration of Technicians' Services

(3) Access to Classified Information

(4) Dependents

Will

Will Not

Be Permitted to Accompany Technician

C. Financing Costs of Technical Services

(1) By AID - \$

NA

(2) By Cooperating Country -

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

Worksheet Issuance

PAGE 3 OF 6 PAGES

PIO/T

PROJECT IMPLEMENTATION
ORDER/TECHNICAL
SERVICES

Cooperating Country

World-wide

PIO/T No.

931-11-570-861-73-

Project/Activity No. and Title

Amendment #5 to -311411
Task Order #1, Laboratories for Population
Studies, AID/csd-2495

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

NA

B. Financing Costs of Equipment and Supplies

(1) By AID - \$

(2) By Cooperating Country -

23. Instructions to Authorized Agent

This PIO/T is to issue Amendment #5 to Task Order #1,
AID/csd-2495.

Contact: Dr. Forrest E. Linder - Project Director
University of North Carolina
Dept. of Biostatistics
School of Public Health
Chapel Hill, North Carolina

24. Special Provisions

NA

) PIO/T	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	<input checked="" type="checkbox"/> Worksheet <input type="checkbox"/> Issuance	PAGE 4 OF 6 PAGES
		Cooperating Country World-wide	PIO/T No. 931-11-570-861-73-
		Project/Activity No. and Title Amendment #5 to Task Order #1, Laboratories for Population Studies, AID/csd-2495	

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)

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

I. Budget submitted by UNC for operational year 1972-1973 - See memo 1/11/71, Linder to Speidel.

Annual Report submitted by UNC for period ending Dec. 31, 1970.

II. For amendments to text refer to:

(a) "Proposed Amendments to Basic Agreement" submitted 11/18/70.

(b) Publication - March 1971 - The Concept and the Program of the Laboratories for Population Statistics.

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

A. Relationships and Responsibilities

B. Cooperating Country Liaison Official

C. AID Liaison Officials

J. Cavanaugh - Consultant, TA/POP/R

T. Sprehe - TA/POP/R

CONTINUATION
SHEET

FORM SYMBOL

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

TITLE OF FORM

 Worksheet Issuance

PAGE 5 OF 6 PAGES

1. Cooperating County
World-wide

2.a. Code No.

2.b. Effective Date

2.c. Amendment
 Original OR Not3. Project/Activity No. and Title
Amendment #5 to
Task Order #1, Laboratories for Population
Studies, AID/csd-2495Indicate block
numbers.

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

21. A.

(Types A, B, C POPLABs as defined in the Basic Agreement as amended); of which a minimum of four Type A POPLABs are to be established. The procedures to be followed will be:"

Article I, B, 1 (a) - Delete "four"

Article I, B, 1 (b) - Delete last sentence. Substitute the following:

"Each Type A POPLAB will relate to an existing institution with interest in collecting demographic data and making studies in population measurement methodology. Type B POPLABs are to be established in institutions concerned with analysis of data and relating to the Office of National Development Plan. Type C POPLABs may combine the functions of Types A and B in different or the same national institutions."

Article I, B, 1 (c), 1st para., line 6 - Delete "These activities are of two kinds". Insert a subheading "Type A POPLAB". Add as the first sentence in the next paragraph:

"For Type A POPLABs these scientific activities are of two kinds."
Continuing basic function, etc. - - - .

Article I, B, 1 (c), last para. - On page 3 immediately after the final paragraph of this article which pertains to Ad Hoc Studies add the following subheadings and paragraphs:

Type B POPLAB

Type B POPLAB will be designed to

- i) serve as a kind of "population commission" to appraise the national needs for demographic data.
- ii) serve as liaison between national planning agencies and the statistical organizations - particularly the Census - outlining the data requirements of the planning agency, etc.
- iii) prepare estimates of vital rates and population projections from existing data, using appropriate analytical methods such as those outlined in UN Bulletin No. 42 (24).

CONTINUATION SHEET

FORM SYMBOL

DEPARTMENT OF STATE
AGENCY FOR
INTERNATIONAL DEVELOPMENT

TITLE OF FORM

Worksheet Issuance

PAGE 6 OF 6 PAGES

1. ~~Geographic Country~~
Worldwide

2.a. Code No.

2.b. Effective Date

2.c. Amendment
 Original OR No.:

3. Project/Activity No. and Title Amendment #5 to Task Order #1, Laboratories for Population Studies, AID/csd-2495

Indicate block numbers.
21. A.

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

iv) undertake a variety of special analytical studies making use of existing data, relating changes in population growth, distribution and composition to planning for economic and social development. Studies to be specially designed consistent with the objective to be gained and data available for analysis.

Type C POPLAB

Consistent with objectives to be obtained and governing country conditions, the Type C POPLAB will combine as appropriate functions of Types A and B POPLABs so as to undertake studies to improve methods of population measurement and/or to strengthen the demographic foundation for economic and social planning.

Article I, B, 2 (a) - Delete; substitute the following paragraph:

"A sustaining agreement between the University of North Carolina and each National Institution will be developed cooperatively which will define the general character of each POPLAB and the functions to be financed under the agreement. The agreement will provide that the basic continuing functions, methodological and/or substantive studies will be under the direction and full administrative control of the National Institution with consultative cooperation of the University of North Carolina staff. The agreement will further provide that the contractor will develop procedures for the interchange of technical findings between the laboratories and initiate other methods for a wider dissemination of scientific results and experience of the laboratories. The duration of agreements between UNC and each national institution for Type A POPLABs will preferably be five years.

Article I, B, (2) 4 - Delete 1st paragraph; substitute following paragraph:

"To give emphasis and support to the improvement of population statistics and to the methods of collecting, compiling, analyzing and applying these data to national purposes, the Contractor will develop a Catalogue of Study Protocols from which studies to be made by any laboratory could be selected. The lists of suggested types will include both methodological studies and analytical studies. Below is a partial listing of some of these topics:"

THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL 27514

SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF BIOSTATISTICS

M E M O R A N D U M

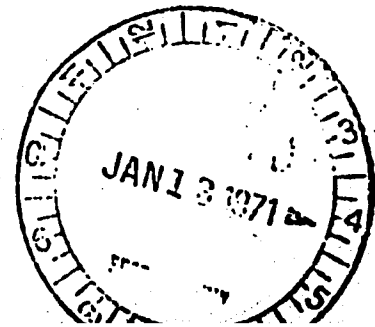
TO: ✓ Dr. J. Speidel and Dr. J. Cavanaugh
FROM: Forrest E. Linder *FEL*
DATE: January 11, 1971
SUBJECT: Proposed Budgets for POPLABS
1971/72 and 1972/73 under contract
AID/csd-2495, Task Order #1

For your information I am sending you attached a copy of the firm budget for 1971/72 and the Projected Budget 1972/73 under the above contract. It was transmitted to Mr. O'Brien by Dr. Moye Freymann, Director of the Carolina Population Center, on December 26, 1970.

You will recall that both the funds for the present year as well as those for FY/72 came out of this year's AID budget. It is our hope that FY/73 can also be funded in this manner.

Enclosures

1. C E
2. Joe C
3. file



AID/csd-2495

UNC-SG014

INTERNATIONAL PROGRAM OF LABORATORIES FOR POPULATION STATISTICS

UNC Developmental Unit

Proposed Budgets for 1971-72 and 1972-73

Item	Firm Budget Fiscal Year 1971-72			Projected Budget Fiscal Year 1972-73		
	Basic	Publi- cations	Total	Basic	Publi- cations	Total
	<i>6/30/72</i> <i>6/30/73</i>					
A. PERSONNEL						
Project director (75%)	24,000	---	24,000	25,200	---	25,200
Project coordinator	27,560	---	27,560	28,950	---	28,950
Statistician-demographer	22,050	---	22,050	23,150	---	23,150
Statistician-demographer (50% in 1971-72)	11,025	---	11,025	23,150	---	23,150
Senior statistical analyst	---	---	---	25,000	---	25,000
Collaborating statisticians (5 at 10% time)	11,025	---	11,025	11,575	---	11,575
Research Associate	14,000	---	14,000	14,700	---	14,700
Administrative Secretary	6,100	---	6,100	6,400	---	6,400
Secretary	4,580	---	4,580	4,800	---	4,800
Publications officer	---	12,600	12,600	---	13,230	13,230
Clerk-secretary for publications	---	6,100	6,100	---	6,395	6,395
Sub-total, personnel	120,340	18,700	139,040	162,925	19,625	182,550
B. SOCIAL SECURITY AND RETIREMENT (14.15%)	17,020	2,645	19,665	23,050	2,775	25,825
C. SHORT-TERM EMPLOYEES AND CONSULTANTS	5,000	---	5,000	8,000	---	8,000
D. TRAVEL AND SUBSISTENCE	12,000	1,500	13,500	12,000	1,500	13,500
E. OTHER DIRECT COSTS						
Purchase of manuscripts	---	12,000	12,000	---	12,600	12,600
Printing and duplicating	2,000	12,000	14,000	2,000	12,000	14,000
Rent	5,500	1,000	6,500	6,000	1,000	7,000
Communications and mailing	1,800	3,500	5,300	2,000	3,500	5,500
Equipment (purchase & rental) & supplies	3,000	2,000	5,000	3,500	2,000	5,500
F. INDIRECT COSTS (33.16% of salaries)	39,900	6,200	46,100	54,025	6,500	60,525
GRAND TOTAL	206,560	59,545	266,105	273,500	61,500	335,000

*F/70**F/71*

A.H. Shepard, Jr.
Assistant Vice-President
and Treasurer

AID 1350-1X (9-70) PIO/T	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	1. Cooperating Country WORLDWIDE	Page 1 of 1 Pages
		2. PIO/T No. 931-11-570-306-73-3114450	3. <input type="checkbox"/> Original or Amendment No. <u>1</u>
		4. Project/Activity No. and Title Evaluation of Pilot Program (Cost Benefit Analysis of Family Planning) AID/csd-1884	
		5. Appropriation Symbol 72-11X4111.1	

DISTRIBUTION	6.A. Allotment Symbol and Charge 489-31-099-00-81-11		6.B. Funds Allotted to: <input checked="" type="checkbox"/> A.I.D./w <input type="checkbox"/> Mission			
	7. Obligation Status <input checked="" type="checkbox"/> Administrative Reservation <input type="checkbox"/> Subobligation		8. Funding Period (Mo., Day, Yr.) From _____ to _____			
	9.A. Service to Start (Mo., Day, Yr.) Between _____ and _____		9.B. Completion date of Services (Mo., Day, Yr.)			
	10.A. Type of Action <input type="checkbox"/> A.I.D. Contract <input type="checkbox"/> Cooperating Country Contract <input type="checkbox"/> Participating Agency Service Agreement <input type="checkbox"/> Other:					
	10.B. Authorized Agent AID/W					
	Estimated Financing		(1)	(2)	(3)	(4)
	\$1.00 =		Previous Total	Increase	Decrease	Total to Date
	11. Maximum A.I.D. Financing	A. Dollars	\$14,504			\$14,504
		B. U.S.-Owned Local Currency				
	12. Cooperating Country Contributions	A. Counterpart				
B. Other						

13. Mission References	14. Instructions to Authorized Agent The purpose of this amendment is to transfer the appropriation and allotment from 72-11X4103.1 and 353-31-099-00-81-11. This action is in accordance to advice of allotment #3 from C/BUD dated 3/26/71.
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15. Clearances - Show Office Symbol, Signature and Date for all Necessary Clearances.	
A. The specifications in the scope of work are technically adequate	B. Funds for the services requested are available
C. The scope of work lies within the purview of the initiating office and approved Agency Programs	D.
E.	F.

16. For the cooperating country: The terms and conditions set forth herein are hereby agreed to	17. For the Agency for International Development Signature: <u>R. J. O'Brien</u> Title: Contracting Officer, PROC/CSD	18. Date of Issuance 4/7/71
Signature and date:		
Title:		