

NONCAPITAL PROJECT PAPER (PROP)

Country: World-wide

Project No. 901-11-570-016

Submission Date: February 1, 1970 Original: April 28, 1968 Revised No. 1

Project Title: Population/Economic Growth Analysis and Presentation

U.S. Obligation Span: FY 68-FY 72

Gross life-of-project financial requirements:

Cumulative June 30, 1969	\$134,000
FY 70	\$100,000
FY 71	\$100,000

I. SUMMARY DESCRIPTION

The revision of this project provides for followup activities to make effective use of the materials prepared by GE-TEMPO under csd-1936. These materials were to demonstrate the adverse effects of high rates of population growth on economic development to opinion leaders and policy makers in the developing countries. A major element in our strategy to get population into the mainstream of development planning discussions is to provide demonstration applications of the TEMPO approach to selected countries for use in workshops and regional meetings. A lack of staff time both in AID/W and in the field requires that we look for outside consultative and technical assistance in order to move quickly to do this.

Under the present revision of the project AID would contract with GE-TEMPO to provide such services on a task-order basis at the request of AID/W or USAIDs. A base contract would be established between TA/POP and GE-TEMPO to support staff and to work on refinements of the materials that will facilitate specific country applications.

An 18 month base contract is proposed. It will be divided into two 9 month phases. An explanation of the proposed funding follows. The explanation pertains only to TA/POP funding of the base contract and for possible centrally funded task orders.

		Base	TA Funded Tasks
Phase I	FY 70	\$60,000	\$40,000
Phase II	FY 71	\$60,000	\$40,000

## II. SETTING AND ENVIRONMENT

In order to explain more effectively to officials of various LDC host governments the advantages of lower fertility rates, AID contracted with GE-TEMPO in 1968 to analyze the relationships between various population growth rates and the factors of economic development, and to prepare kits designed to present the arguments for lower fertility rates developing from this analysis to the AID Missions and through them to host country governments.

Under AID contract csd-1936, GE-TEMPO developed a set of documents outlining the main lines of current thinking on the relation between population and economic development. The materials include directions for making economic-demographic projections, calculating the impact of population growth on education, housing, etc., and discussion materials. Sets were transmitted to the field in late July with requests for comments and an indication of how each Mission would like to put the materials to use. Most of the 30 or so Missions which replied indicated that the TEMPO materials would be useful aids to explaining the relation between population and development. Many wanted additional time so that they could involve host country professionals in their review of the materials. Most of the Mission replies were quite indefinite in their specification of the kind of followup activities that would be useful to them. A common theme recurring in the reply to the question about use in-country was that the materials would require adaptation to the host country in order to be really useful in communicating with higher level decision makers.

Our own assessment of the TEMPO documents is that in them we have a useful prototype for a methodology and manner of presentation to bring population into the mainstream of development policy making. A useful start at the Mission level would be to start incorporating

TEMPO-like arguments in presentation of sector strategies for the annual reviews or in loan papers--perhaps in sections of the analyses which deal with longer term goals. This would provide a basis for communicating with host country counterparts. With such materials AID officials would also be able to work at the higher level type of presentation. Such an effort would require some demographic expertise to make population projections, combined with knowledge of the particular sector of the country in question.

Responding to the recurring requests for adaptation to particular country situations would require something ranging from several man months to a full time position in each Mission. At present neither qualified staff nor staff time are available in the Missions for this. We need help in this, and it is our intention to look for it in outside consultant arrangements. One of the most promising avenues open to us appears to be the proposed arrangement with GE-TEMPO whereby under an umbrella arrangement we or the Missions and Regional Offices could call on their technical expertise quickly to get the material translated into Spanish and adapted to Latin American audiences. We will also accomodate Mission requests for consultants, such as programmer-economist types, to go to a Mission to set up the computer program or to get data to make runs in the U.S. Under the task order arrangement we will also get the materials adapted and refined as our experience in using them gives us an indication of how this should be done. For example, TEMPO will work on Mr. Claxton's suggestion to make retrospective runs of the model.

### III. STRATEGY

The most efficient way to build on the work already accomplished under the earlier AID contract and to respond to the requests being received from AID Missions is to contract with GE-TEMPO to offer its technical assistance to AID/TA on a continuing basis through a base contract. Under such contract GE-TEMPO will respond to specific task assignments as required by AID components at all levels or by host country governments through the AID Missions.

The purpose of the base contract is:

1. to provide technical assistance to AID to promote the development and most effective use of the Population/Economic Growth Analysis and Presentation kits prepared for AID by GE-TEMPO under contract csd-1936;

2. to maintain the capabilities and staff developed by GE-TEMPO to permit the expeditious and efficient performance on mutually agreed task orders.

Under the base contract GE-TEMPO will offer its technical assistance in the following areas as agreed between the AID/TA contract monitor and the GE-TEMPO project supervisor:

1. provide social cost estimates for housing, education, health, and general urban services within the framework of the analysis used in the model;

2. integrate into the TEMPO analysis significant social and cultural characteristics of particular countries and regions (e.g., Latin America);

3. plan and experiment with ways effectively to present the advantages of lower fertility rates, including the development of slide presentations and taped talks;

4. describe ways to promote better understanding of the play of incentives that cause parents to have more or fewer children;

5. adapt the present model to: (a) provide a simpler "truncated" version that can be used to develop approximate projections in cases where more precise projections are not required or modern computing facilities do not exist; (b) permit the ready substitution of different forms of equations; (c) refine the model through the introduction of additional sectors (e.g., urban-rural sectors).

In addition to assisting AID in the above areas, this contract will permit GE-TEMPO to maintain and develop the unique capabilities and staff it has assembled in the field of demographic-economic relationships and so be ready to undertake expeditiously and efficiently task orders as assigned by AID's Technical Assistance Bureau, regional offices, and Missions. It is anticipated that these tasks may include:

1. application of the manual and model to specific countries in response to requests from AID Missions or host country governments (e.g., Chile);

2. specific assignments developing from the substantive work done under the base contract;

3. retrospective analysis of the effect of actual population growth rates on social costs and GNP in selected countries.

GE-TEMPO will be prepared to apply experienced teams, highly qualified demographer-sociologists, economists, programmers, visual aids specialists, reference librarians, and the required expert consultants. Such teams will include persons assisting AID under the terms of the base contract. Most of the members of such teams are already working at TEMPO on population problems under the direction of Dr. Stephen Enke, who would continue as project supervisor under the terms of the proposed contract.

Upon assignment of a task -- for example, to apply its population/economic growth analysis to Chile -- TEMPO will:

1. send into the field appropriate members of its staff and expert consultants, some or all with local language capabilities, to confer with the AID Mission and host government officials and to collect the required data;

2. conduct computer runs and summarize results;

3. provide required library reference services;

4. provide AID with an agreed number of copies of analyses, models, manuals, etc.;

5. prepare field presentations for various AID Missions and host government audiences;

6. provide technical assistance to AID Missions in using, applying and expanding the social cost manual.

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

The scope of work proposed above for the base contract will result in significantly improving the applicability of the manual and model to specific country situations and the effectiveness of the presentation of these materials to the AID Missions and host government officials. Throughout the life of the base contract GE-TEMPO will maintain close contact with the Office of Population in AID/TA, and will prepare reports and briefings for AID on the progress of work agreed to between the AID/TA contract monitor and the GE-TEMPO project supervisor. Through the operation of this contract GE-TEMPO will maintain and develop its technical and staff capabilities ready to respond to specific task assignments to be made by AID in the field of population/economic growth analysis and presentation.

#### V. COURSE OF ACTION

The work would proceed under an 18-month base contract under which TEMPO will offer its technical assistance to AID/TA by applying a small, technically qualified interdisciplinary staff to one or more of the subject areas described in Section III above as agreed upon between the AID/TA contract monitor and the GE-TEMPO project supervisor.

It is proposed that this contract be funded for a first nine-month phase at a level of \$60,000 for which GE-TEMPO will supply to AID/TA a total of not less than 15 man-months of professional services. The probable man-month breakdown could include: economists - 4, sociologists-demographers - 3, computer-programmers - 3, visual aid experts - 3, reference librarians - 2.

During this period TEMPO will also be prepared to accept mutually agreed task orders as proposed in Section III above up to a total of \$180,000.

All overseas travel will be made under the terms of the specific task contracts.

The TEMPO professional staff will be under the direction of Dr. Stephen Enke.

It is proposed that the contract be automatically renewed for a second nine-month period immediately following the completion of Phase I upon agreement of the Office of Population of AID/TA and GE-TEMPO. The level of funding and man-months of effort for Phase II will be agreed upon one month prior to the completion of Phase I.

GE-TEMPO will begin work on this project by 15 March 1970 or one month following signing of the contract, whichever date is later.