

NO DESIGN DOCUMENT

(Project summaries/abstracts developed from

PRO AGs, PIOTs, and PARs)

**AIRGRAM**

**DEPARTMENT OF STATE**

7300313③  
70-AAF-397

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CLASSIFICATION

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TO - AID/W TOAID A 2531 X

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| DATE REC'D.   |
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| DATE SENT     |
| Jan. 16, 1967 |

DISTRIBUTION SECTION

FROM - USAID/Saigon

SUBJECT - Evaluation of Contractor Performance (U-307)

REFERENCE -

1. Heading of Report

- A. Name of Contractor  
Mario Giaquinto, M.D.
- B. Number of Contract  
AID-430-710-T
- C. Country  
Vietnam
- D. Project Title and Number  
Malaria Control - 430-11-510-313
- E. Period covered by this report  
March 1966 - September 1966
- F. Cooperating Government Institution  
Ministry of Health National Malaria Program
- G. Names, Organizational titles and periods of responsibility of the Contract Representatives responsible for the contract during the period covered by the evaluation report.

A.I.D.  
Reference Center  
Room 1000 113

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OTHER AGENCY

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| DRAFTED BY<br>ADPH: BFeigenbaum:nl | OFFICE<br>ADPH | PHONE NO.<br>571 | DATE<br>1/11/67 | APPROVED BY:<br>DADPH:MSBeaubien |
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AID AND OTHER CLEARANCES

CSO: \_\_\_\_\_

**UNCLASSIFIED**  
CLASSIFICATION

Dr. Joe L. Stockard, Chief, Preventive Environmental Health Section, ADFH. September 1965 - July 1966.

Dr. Ernest Feigenbaum, Chief, Public Health Branch, USAID/ADPH/IV August 1966 - January 1967.

H. Name and Title of Person Preparing Report  
Dr. Ernest Feigenbaum, Chief, Public Health Branch, ADFH

## 2. Evaluation of Contractor Performance

### A. Understanding of Objectives

Although employed as a malaria epidemiologist, Dr. Giaquinto has tended to become distracted by unrelated health projects. He has been most effective when working on problems with a direct bearing on the Vietnamese National Malaria Control Program.

### B. Short-term Goals

It is felt that the contractor has organized the proper short goals. Those goals are:

- a) Evaluation of chloroquine resistant malaria in Viet-Nam;
- b) Preliminary epidemiology of malaria in Viet-Nam.

### C. Progress toward achievement of Goals and Objectives

The contractor's progress has been satisfactory, but somewhat less than that originally hoped for (see D-Difficulties, for an explanation).

His study of chloroquine resistant malaria in Viet-Nam revealed that malaria resistant both to chloroquine and quinine treatment does exist in Viet-Nam. The contractor thus has recommended that long acting sulfamide drugs be used in treating cases of malaria in Viet-Nam. The contractor also has progressed in projects not directly covered by his contract, especially in the Ministry of Health-directed Leprosy Program.

D. Difficulties Hindering Achievement of Objectives

War-caused insecurity is the chief obstacle to the achievement of contractor objectives. A great part of the area in which the contractor is to carry out his surveys is held by hostile military forces. Friendly military forces are taking appropriate action to eliminate this obstacle, but progress is slow.

Other obstacles, including the Ministry of Health's inability to provide needed manpower, are also caused by war. Little progress is being made in this area.

E. Contractor's staff

The contractor's personal staff consists of one USAID local hire laboratory technician who also serves as interpreter-translator and general helper. Although additional clerical staff would be useful, it is believed that sufficient local hire personnel in USAID's malaria control section are available to provide sufficient help.

F. Contractor's Relationship

The contractor's chief concern in this area is to gain the acceptance and cooperation of Ministry of Health and Free World Assistance personnel. He has the necessary patience and tact to work well with local personnel but his work with Americans suffers from his circuitous approach to solving problems.

G. Training Program - Not applicable.

H. Commodity Procurement - Not applicable.

I. Cooperating Government Evaluation

The contractor's assistance in other health programs is sought by the Ministry of Health. He is asked to give his professional opinion on a wide range of medical problems. Various professional organizations seek his services as lecturer. Thus it is felt that local government officials are satisfied with his services.

J. Contractor Reports

The contractor has submitted all required reports, that is, monthly activity reports, a yearly report, and reports on special projects. His reports, however, are too long, too verbose, and contain too many irrelevant parenthetical clauses to be easily understood.

K. Cooperating Country

The cooperating country has not been requested to supply personnel or commodity support. Cooperating country personnel do cooperate with the contractor whenever requested. This cooperation involves access to medical records, to hospitalized malaria patients and the organization of surveys.

L. Additional Comments - None

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(9-65)

PRO AG

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**PROJECT AGREEMENT**  
**BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),**  
**AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND**  
**THE DIRECTORATE GENERAL FOR BUDGET AND FOREIGN AID (DGBFA)**

AN AGENCY OF THE GOVERNMENT OF VIETNAM

11p

The above-named parties hereby mutually agree to carry out a project in accordance with the terms set forth herein and the terms set forth in any annexes attached hereto, as checked below:

- PROJECT DESCRIPTION ANNEX A     FOREIGN CURRENCY STANDARD PROVISIONS ANNEX  
 STANDARD PROVISIONS ANNEX     PROVISIONS ANNEX

This Project Agreement is further subject to the terms of the following agreement between the two governments, as modified and supplemented:

- GENERAL AGREEMENT FOR TECHNICAL COOPERATION    DATE \_\_\_\_\_  
 ECONOMIC COOPERATION AGREEMENT    DATE 9/7/51  
 (other)    DATE \_\_\_\_\_

1. PROJECT/ACTIVITY NO. 730-11-510-313    PAGE 1 OF 8 PAGES

2. AGREEMENT NO. 70-070    3.  ORIGINAL OR REVISION NO. \_\_\_\_\_

4. PROJECT/ACTIVITY TITLE  
Malaria Control

5. PROJECT DESCRIPTION AND EXPLANATION  
 (See Annex A attached)

6. AID APPROPRIATION SYMBOL 72-1101006    7. AID ALLOTMENT SYMBOL 056-50-730-00-69-01

| 8. AID FINANCING   | PREVIOUS TOTAL (A) | INCREASE (B) | DECREASE (C) | TOTAL TO DATE (D) |
|--|--------------------|--------------|--------------|-------------------|
| <input type="checkbox"/> DOLLARS <input type="checkbox"/> LOCAL CURRENCY |                    |              |              |                   |
| (a) Total  |                    | \$166,502    |              | \$166,502         |
| (b) Personnel - PASA   |                    | 166,502      |              | 166,502           |
| (b) Contract Services  |                    |              |              |                   |
| (c) Commodities  |                    |              |              |                   |
| (d) Other Costs  |                    |              |              |                   |
| 9. COOPERATING AGENCY FINANCING - DOLLAR EQUIVALENT                      |                    |              |              |                   |
| \$1.00 =   |                    |              |              |                   |
| (a) Total  |                    |              |              |                   |
| (b) Technical and other Services   |                    |              |              |                   |
| (c) Commodities  |                    |              |              |                   |
| (d) Other Costs  |                    |              |              |                   |

10. SPECIAL PROVISIONS (Use Additional Continuation Sheets, if Necessary)

PIO/T 730-313-2-0100018.

11. DATE OF ORIGINAL AGREEMENT November 21, 1969    12. DATE OF THIS REVISION \_\_\_\_\_    13. ESTIMATED FINAL CONTRIBUTION DATE December 31, 1972

14. FOR THE COOPERATING GOVERNMENT OR AGENCY  
 SIGNATURE: [Signature]    DATE: 12/16/69  
 TITLE: Director of Foreign Aid

15. FOR THE AGENCY FOR INTERNATIONAL DEVELOPMENT  
 SIGNATURE: [Signature]    DATE: 11/11/69  
 TITLE: Associate Director for Program

[Signature]  
 Minister of Health  
  
[Signature]  
 Administrator National Malaria Program

**PROJECT AGREEMENT**

BETWEEN AID AND

DGBFA

AN AGENCY OF THE GOVERNMENT OF  
Vietnam

1. Project/Activity No.

730-11-510-313

PAGE 2 OF 8 PAGES

2. Agreement No.

70-070

3.  Original or

Revision No. \_\_\_\_\_

3. Project/Activity Title

Malaria Control

I. BACKGROUND

The present situation in Vietnam does not permit a full scale, country-wide malaria eradication program to end transmission, and to eliminate the reservoir of infective cases in the shortest possible time.

II. PURPOSE

The interim objective of the current program, and that proposed for the duration of hostilities, is that of maintaining as low a malaria rate as possible within the manpower and geographic security limitations imposed by the war. At the cessation of hostilities, the ultimate objective will be the implementation of a total malaria eradication program to eliminate the war-spread foci of infection and lay the groundwork for the general rural development program.

III. RESPONSIBILITIES

A. The Government of Vietnam

1. The Ministry of Health hereby designates the Administrator, National Malaria Program as Project Manager to represent the Ministry in carrying out this project, and agrees to support the project through the normal revenues made available to the Ministry for its operations.
2. The Director General **Public** Health agrees:
  - a. to designate at least one official of the Directorate to act as counterpart for each U.S. advisor who may be assigned to work on this project;
  - b. to continue to meet the normal operating costs of the Directorate, including those in support of this project;
  - c. to provide office space, office machines, utilities and custodial services, secretarial, clerical, and interpreter services for use by the U.S. advisors who may be assigned to work on this project.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

TITLE: \_\_\_\_\_

**PROJECT AGREEMENT  
BETWEEN AID AND  
DGBFA**

1. Project/Activity No.  
750-11-510-313

PAGE 3 OF 8 PAGES

2. Agreement No.  
70-0703.  Original or  
Revision No. \_\_\_\_\_

3. Project/Activity Title

Malaria Control

PROAC  
CONTINUATION  
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ANNEX \_\_\_\_\_

AN AGENCY OF THE GOVERNMENT OF  
Vietnam**B. USAID**

The United States Agency for International Development (USAID) designates the Chief Malaria Advisor or his designee to serve as Project Manager for this project and agrees:

To pay the dollar costs of United States PASA advisors to be assigned for work on this project. This project agreement provides US\$166,502 to finance a 12-month extension of PASA TCR (HA) (2-66). The PASA Team will be increased from the level of two positions to six. See PIO/T

**IV. GENERAL**

1. The Standard Provisions, referred to on the face sheet, are incorporated in and made part of this Agreement.
2. See Annex "B" for the Work Plan to be carried out under this Agreement. The Work Plan may be modified by agreement between the GVN Project Manager and the USAID Project Manager subject to the review and approval of substantive changes by the Ministry and USAID.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

TITLE: \_\_\_\_\_

## PROJECT AGREEMENT

BETWEEN AID AND

DGBFA

1. Project/Activity No.

730-11-510-313

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2. Agreement No.

70-070

3.  Original or

Revision No. \_\_\_\_\_

PROAG  
CONTINUATION  
SHEETAN AGENCY OF THE GOVERNMENT OF  
Vietnam

3. Project/Activity Title

Malaria Control

ANNEX BWORK PLANA. ORGANIZATION

1. The Operations and Epidemiology Services of the National Malaria Program (NMP), in the Directorate of Public Health of the Ministry of Health, will be responsible for the implementation of the Malaria program. The NMP will have semi-autonomous authority granted by decree with a direct technical line of authority channeled from NMP headquarters through the Regional offices to the Provincial Malaria Services. Administrative authority will be exercised by the Regional Health Inspector and Provincial Medicine Chiefs. The technical implementation of the program and direction of the program and direction of the proper utilization of supplies, material, and vehicles will be vested in the officials of the NMP.
2. Epidemiological surveillance will be developed in the rural health services through passive case detection centers in provincial hospitals, district dispensaries, and village and hamlet health centers. Training necessary for the health workers at these centers, in malaria blood sampling and presumptive treatment, will be provided by the provincial malaria officers.
3. More active sampling will be encouraged on the part of NMP employees, more rapid diagnoses will be provided, and house spraying will be geared to the results of this current sampling rather than last year's averages.

B. EPIDEMIOLOGY

1. Epidemiological surveillance will be carried out by NMP workers assigned to all provincial hospitals and district dispensaries in Areas "AB" "C" and "D" for passive case detection, as in the past. In addition, more emphasis will be placed upon the training and encouragement of rural health workers at village and hamlet health centers to increase their output of PCD smears. RD cadre and KOPREM Teams will also be supplied and requested to contribute PCD slides to NMP laboratories for diagnosis. Supply, collection, and return of results will be coordinated by NMP liaison workers.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

TITLE: \_\_\_\_\_

**PROJECT AGREEMENT  
BETWEEN AID AND  
DGBFA**

AN AGENCY OF THE GOVERNMENT OF  
Vietnam

1. Project/Activity No.  
730-11-510-313

2. Agreement No.  
70-070

3. Project/Activity Title  
Malaria Control

3.  Original or  
Revision No. \_\_\_\_\_

2. Active case detection at and beyond the hamlet level will be carried out by mobile epidemiology teams to be established in each province of the effected areas. These teams will conduct blood surveys in an attempt at early detection of the outbreaks which have, heretofore, not been brought to notice through PCD until well advanced, if at all.

3. The epidemiology service will give special attention to the centers mentioned in part (C) under areas of operation of this plan. Malaria personnel shall visit these centers regularly, take blood smears as necessary, and do follow-ups to assure treatment of positive cases.

**C. LABORATORIES**

1. The central laboratory in Saigon will continue to reconfirm all positive slides found by the field laboratories, and 10% of the negative slides as a check on efficiency. It will also serve as a training center for new microscopists.
2. An attempt will be made to establish at least one laboratory in each malarious province. Further attempts will be made to speed the transport of blood samples and return of results through cooperation with the military.

**D. SPRAY OPERATIONS**

1. Routine priority will be given to Chieu Hoi, relocation, refugee, and any other centers where transient populations and new housing increase the risk of infection and transmission. All such centers will be sprayed completely twice a year. New housing will be treated as soon as possible after completion.
2. Routine spraying of localities on the basis of the past years' malaria indices will be dropped in favor of a flexible schedule of spraying based upon late results of the increased surveillance activities as shown by up-to-date locality cards.
3. Spray coverage will be extended to cover 700,000 houses, or 2.5-3 million inhabitants, and will consist of the standard 2 grams of DDT per square meter of wall area. If conditions permit, a trial will be made with the half-dosage application which is showing good results elsewhere in the world.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

TITLE: \_\_\_\_\_

## PROJECT AGREEMENT

BETWEEN AID AND

DGBFA

AN AGENCY OF THE GOVERNMENT OF  
Vietnam

1. Project/Activity No.

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3.  Original or  
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3. Project/Activity Title

Malaria Control

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ANNEX B

## E. ENTOMOLOGY

Entomology work carries the personnel away from the villages to jungle streams and ponds for larvae collection. Most of the studies on adult mosquitoes must be done at night in the village. The following plan will be carried out, if conditions permit:

1. The entomological operations will have a laboratory. Studies of mosquito bionomics, insecticide susceptibility will be conducted. The reference collection will be enlarged as the result of field surveys. The laboratory will serve as a training center for entomology personnel.
2. Entomological teams will work out of Saigon to conduct surveys, perform bioassays, conduct investigations and collect mosquitoes for the enlargement of a reference collection.
3. All entomology efforts will be geared to cover foothills, lowland jungles and mountains throughout the year. These are regions where the three most important vectors occur. (Anopheles balabacensis, minimus and jeyporiensis).
4. The entomology team will pay strict attention to the coastal and delta plains area south of Tuy Hoa during the months of October, November and December. This is the time when the suspect vectors occur, i.e., Anopheles barbirostris, sinensis and subpictus. The known vector, Anopheles sundaicus, is also present at this time of year. In the delta, A. sundaicus is found in seasonal peak densities during the months of July and August.
5. Special investigations will be made in those regions that have been non-malarious but report increased SPR. Entomology investigations will be done only after epidemiology data shows that the possibilities of the increased SPR is due to local transmission and not to the relocation of people or infections imported from known malarious areas.
6. All culicine mosquitoes collected will be saved, along with Anophelines, and will be properly labeled and returned to Saigon for identification and placement in reference the library.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

TITLE: \_\_\_\_\_

PROJECT AGREEMENT  
BETWEEN AID AND  
DGBFAAN AGENCY OF THE GOVERNMENT OF  
Vietnam1. Project/Activity No.  
730-11-510-313PAGE 7 OF 8 PAGES2. Agreement No.  
70-0703.  Original or  
Revision No. \_\_\_\_\_3. Project/Activity Title  
Malaria ControlF. PERSONNEL

Aside from security, manpower from the skilled professional to the daily labor levels continues to be the NMP's greatest problem. To help solve the problem at the top levels, USAID will increase its United States Public Health Service Malaria staff from two to six, in order to provide a skilled advisor full-time in Zones I, II, and IV. Zone III will be covered jointly by the Chief and Assistant Chief Malaria Advisor, from headquarters in Saigon. An Entomology advisor will be attached to that section to re-activate the vector study operations, and ascertain the degree of effect of suspected ecological changes due to the war.

Within the NMP, existing personnel will be cross-trained in blood-sampling. Attempts will be made to utilize women to fill vacant positions wherever possible.

G. PLANNING

Both NMP and USAID Malaria technicians will devote as much time as possible to planning and programming of the reconstitution of a National Malaria Eradication Program. This Program, which is a pre-requisite to any rural development program should be ready to be put into operation as soon as possible after the cessation of hostilities.

H. TRAINING

Under the supervision of the advisors to be provided through this agreement, the following training activities are contemplated:

1. 15 Medecin Chefs for two-week Observation Tours during March and April, 1970, in neighboring countries where AID is supporting malaria eradication programs. These chefs have recently been given administrative authority at the provincial level for management of the NMP. Since many of these officials lack practical experience, the opportunity to observe on-going programs in other countries is felt to be the best way to give them insight into basic malaria eradication procedures.

2. 8 Provincial Malaria Officers to be sent for one month to the AID-WHO Malaria Eradication Center in Manila where they will receive training in instructional methods. These participants will be documented in June, 1970, for travel shortly thereafter.

The above training will be financed by USAID under separate documentation.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

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PROAG  
CONTINUATION  
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ANNEX B

**PROJECT AGREEMENT  
BETWEEN AID AND  
DGBFA**

**AN AGENCY OF THE GOVERNMENT OF  
Vietnam**

1. Project/Activity No.  
730-11-510-313  
2. Agreement No.  
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3. Project/Activity Title  
Malaria Control

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**I. COMMODITIES**

In order to carry out the spraying program described in this Work Plan, USAID is providing approximately \$250,000 worth of DDT and other commodities through the Health Logistics project No. 730-11-590-350.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
TITLE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
TITLE: \_\_\_\_\_

**PROAG  
STANDARD  
PROVISIONS  
ANNEX**

**PROJECT AGREEMENT**

BETWEEN AID AND

DGBPA

AN AGENCY OF THE GOVERNMENT OF

Vietnam

1. Project/Activity No.

730-11-510-313

2. Agreement No.

70-070

3.

Original or Revision No.

A. As used herein, the term «AID» refers to the Agency for International Development, any component agency, or any successor agency. References to «this Project Agreement» shall mean the original Project Agreement as modified by any revisions which have entered into effect.

B. (1) AID will make available the amounts specified in Block 8 of this Project Agreement, as necessary for the project, for use for the designated purposes and as may be further described in Annex A, as required by Block 3 hereof. In addition, as may be further specified in Annex A, AID will, subject to the availability of funds and (where required by AID procedures) as provided for in Project Implementation Orders (PIOs) issued by AID in accordance with its procedures, make available funds (a) to pay costs of furnishing technical services to be performed by United States Government employees in connection with the project, (b) to pay a share of the costs of providing training outside the cooperating country in connection with the project for qualified persons from the cooperating country, and (c) to pay such additional costs as may be specified.

(a) The Cooperating Government Agency will make available the amounts specified in Block 9 of this Project Agreement, as necessary for the project, for use for the designated purposes and as may further be described in Annex A. The Cooperating Government Agency will also make, or arrange to have made, additional contributions of property, services, facilities and funds required for carrying out the project as may be specified in Annex A, or as may subsequently be agreed upon by the two parties.

C. AID and the Cooperating Agency may obtain the assistance of other public and private agencies in carrying out their respective obligations under this Project Agreement. The two parties may agree to accept contributions of property, services, facilities and funds for purposes of this Project Agreement from other public and private agencies, and may agree upon the participation of any such third party in carrying out activities under this Project Agreement.

D. AID shall not be required to make any contribution after the expiration of six months following the estimated final contribution date (Block 13 of the Project Agreement form AID 1330-1) or any amended final contribution date specified herein. Except as otherwise specified herein or subsequently

agreed by the parties, all contributions of the Cooperating Agency pursuant to this Project Agreement shall be made on or before said estimated termination date, or amended date. A contribution of goods or services shall be considered to have been made when the goods or services, provided or financed by the contributing party, are delivered in accordance with commercial practice.

E. The procurement of commodities and contract services to be financed in whole or in part by AID may (where so required by AID procedures) be undertaken only pursuant to PIOs issued by AID in accordance with its procedure.

F. Unless otherwise specified in the applicable PIO, the procurement of commodities financed with the AID contribution referred to in Block 8 of this Project Agreement shall be subject to the provisions of AID Regulation 1.

G. Unless otherwise specified in the applicable PIO, title to all property procured through financing by AID pursuant to Block 8 (c) of this Project Agreement shall be in the Cooperating Agency, or such public or private agency as it may authorize. This provision is inapplicable to any property which may be used in connection with the project but is not financed pursuant to said Block 8 (c).

H. Any property furnished to either party through financing by the other party pursuant to this Project Agreement shall, unless otherwise agreed by the party which financed the procurement, be devoted to the project until completion of the project, and thereafter shall be used so as to further the objectives sought in carrying out the project. Either party shall offer to return to the other, or to reimburse the other for, any property which it obtains through financing by the other party pursuant to this Project Agreement which is not used in accordance with the preceding sentence.

I. (1) If AID and any public or private organization furnishing commodities through AID financing for operations hereunder in the cooperating country, is, under the laws, regulations or administrative procedures of the cooperating country, liable for customs duties and import taxes on commodities imported into the cooperating country for purposes of carrying out this Project Agreement, the Cooperating Agency will pay such duties and taxes unless exemption is otherwise provided by any applicable international agreement.

(2) If any personnel (other than citizens and residents of the cooperating country), whether United

States. Government employees, or employees of public or private organizations under contract with, or individuals under contract with, AID, the Cooperating Agency or any agency authorized by the Cooperating Agency, who are present in the cooperating country to provide services which AID has agreed to furnish or finance under this Project Agreement, are, under the laws, regulations or administrative procedures of the cooperating country, liable for income and social security taxes with respect to income upon which they are obligated to pay income or social security taxes to the Government of the United States of America, for property taxes on personal property intended for their own use, or for the payment of any tariff or duty upon personal or household goods brought into the cooperating country for the personal use of themselves and members of their families (not including such personal or household goods as may be sold by any such personnel in the cooperating country), the Cooperating Agency will pay such taxes, tariff, or duty unless exemption is otherwise provided by any applicable international agreement.

J. Any personnel (other than citizens and residents of the cooperating country), whether United States Government employees, or employees of public or private organizations under contract with, or individuals under contract with, AID, the Cooperating Agency or any agency authorized by the Cooperating Agency, who are present in the cooperating country to provide services which AID has agreed to furnish or finance under this Project Agreement shall be subject to the approval of the Cooperating Agency and AID, and shall be under the general direction of the Director of the Mission to the cooperating country.

K. If any commodity is furnished to the Cooperating Agency, or any public or private agency authorized by the Cooperating Agency, on a grant basis through financing by AID pursuant to this Project Agreement under arrangements which will result in the accrual of proceeds to the Cooperating Agency or any authorized agency and if the applicable agreement between the two governments referred to on the first page of this Project Agreement does not provide for the establishment of a Special Account and the deposit therein of currency of the cooperating country, the Cooperating Agency will make such arrangements as may be necessary to establish a Special Account and to deposit therein currency of the cooperating country in amounts equal to such proceeds, in accordance with such terms and conditions as may be agreed upon. Funds in the Special Account may be used only as agreed upon by AID and the Cooperating Agency; provided, that such portion of the funds in the Special Account as may be designated by AID shall be made available to AID to meet the requirements of the United States.

L. The Cooperating Agency will make such arrangements as may be necessary so that funds introduced into the cooperating country by AID or any public or private agency for purposes of carrying out obligations of AID hereunder shall be convertible into currency of the cooperating country at the highest rate which, at the time the conversion is made, is not unlawful in the cooperating country.

M. AID shall expend funds and carry on operations pursuant to this Project Agreement only in accordance with the applicable laws and regulations of the United States Government.

N. The two parties shall have the right at any time to observe operations carried out under this Project Agreement. Either party during the term of the Project and three years after the completion of the project, shall further have the right (1) to examine any property procured through financing by that party under this Project Agreement, wherever such property is located, and (2) to inspect and audit any records and accounts with respect to funds provided by, or any properties and contract services procured through financing by, that party under this Project Agreement, wherever such records may be located and maintained. Each party, in arranging for any disposition of any property procured through financing by the other party under this Project Agreement, shall assure that the rights of examination, inspection and audit described in the preceding sentence are reserved to the party which did the financing.

O. Upon completion of the project, a Completion Report shall be drawn up, signed by appropriate representatives of AID and the Cooperating Agency, and submitted to AID and the Cooperating Agency. The Completion Report shall include a summary of the actual contributions by both AID and the Cooperating Agency to the project, and shall provide a record of the activities carried out, the objectives achieved, and related basic data. AID and the Cooperating Agency shall each furnish the other with such information as may be needed to determine the nature and scope of operations under this Agreement and to evaluate the effectiveness of such operations.

P. The present Agreement shall enter into force when signed. Either party may terminate this Project Agreement by giving the other party 30 days written notice of intention to terminate it. Termination of this Project Agreement shall terminate any obligations of the two parties to make contributions pursuant to Blocks 8 and 9 of this Project Agreement, except for payments which they are committed to make pursuant to noncancellable commitments entered into with third parties prior to the termination of the Project Agreement. It is expressly understood that the obligations under paragraph H relating to the use of property shall remain in force after such termination.

UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT  
TO  
VIET-NAM

PROJECT DOCUMENT  
APPROVAL FORM

Division PUBLIC HEALTH

Date Typed 30 October 6, 1969

Project No. 750--11-510-313

Title Malaria Control

Original Project Agreement  - 70-070

Revision No.

[Signature]  
PROGRAM OFFICE

10/9/69  
DATE

[Signature]  
PROJECT TECHNICIAN

10 15 69  
DATE

[Signature]  
CHIEF, CELL MGMT

10-13-69  
DATE

[Signature]  
DIVISION CHIEF

11/10/69  
DATE

73003135  
P- AAC-397

PRO AG  
VIETNAM

**PROJECT AGREEMENT**  
**BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),**  
**AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND**  
**THE DIRECTORATE GENERAL FOR BUDGET AND FOREIGN AID (DGBFA)**  
**AN AGENCY OF THE GOVERNMENT OF VIETNAM.**

Page 1 of 4

Under the terms of the Economic Cooperation Agreement signed September 7, 1951, and the standard provisions annexes attached, it is agreed to carry out a project in accordance with the terms set forth herein.

1. PROJECT No. 730-11-510-313    2. AGREEMENT No. 71-037    3. ORIGINAL     REVISION No.

4. PROJECT TITLE: Malaria Control  
(Sub-Activity)

5. PROJECT DESCRIPTION AND EXPLANATION (See Annex A attached)

6. APPROPRIATION: 72-1111006    7. ALLOTMENT: 156-50-730-00-69-11

| 8. AID DOLLAR FINANCING<br>(Cost Component)       | PREVIOUS TOTAL<br>(A) | INCREASE<br>(B) | DECREASE<br>(C) | TOTAL TO DATE<br>(D) |
|---|-----------------------|-----------------|-----------------|----------------------|
| a. PERSONNEL COSTS                                |                       |                 |                 |                      |
| (1) US  |                       |                 |                 |                      |
| PASA  |                       | 189,461         |                 | 189,461              |
| Contract  |                       |                 |                 |                      |
| (2) LOCAL AND TCN                                 |                       |                 |                 |                      |
| PASA  |                       |                 |                 |                      |
| Contract  |                       |                 |                 |                      |
| b. PARTICIPANTS                                   |                       |                 |                 |                      |
| AID Direct  |                       |                 |                 |                      |
| PASA/Contract                                     |                       |                 |                 |                      |
| c. COMMODITIES                                    |                       |                 |                 |                      |
| AID Direct  |                       |                 |                 |                      |
| PASA/Contract                                     |                       |                 |                 |                      |
| d. OTHER COSTS                                    |                       |                 |                 |                      |
| AID Direct  |                       |                 |                 |                      |
| PASA/Contract                                     |                       |                 |                 |                      |
| e. TOTAL (ALL COSTS)                              |                       | 189,461         |                 | 189,461              |
| 9. LOCAL CURRENCY FINANCING<br>(@1.00 = PIASTERS) |                       |                 |                 |                      |
| a. COUNTERPART                                    |                       |                 |                 |                      |
| Trust Fund  |                       |                 |                 |                      |
| AAC   |                       |                 |                 |                      |
| Special Fund                                      |                       |                 |                 |                      |
| Other   |                       |                 |                 |                      |
| b. GVN (SHOW SOURCE BELOW)                        |                       |                 |                 |                      |
| c. US - OWNED                                     |                       |                 |                 |                      |

10. REFERENCES AND REMARKS:

Ref: PIO/T 1110017

11. DATE OF ORIG AGREEMENT: November 18, 1970    12. DATE OF THIS REVISION:    13. EST FINAL CONTRIBUTION DATE: December 31, 1973

14. GOVERNMENT OF VIETNAM    15. AGENCY FOR INTERNATIONAL DEVELOPMENT

SIGNATURE: *[Signature]* DATE: NOV 16/70    SIGNATURE: *[Signature]* DATE: 11/18/70

TITLE: Director General    TITLE: Associate Director for Program

for Budget and Foreign Aid

|   |  |   |  |
|---|--|---|--|
| AID 1380-1A<br>(3-70)<br><br><b>PRO AG</b><br><br>CONTINUATION<br>SHEET<br><br>ANNEX <u>A</u> | <b>PROJECT AGREEMENT<br/>         BETWEEN AID AND<br/>         DGRFA</b> | 1. Project/Activity No.<br><b>730-11-510-313</b>    | PAGE <u>2</u> OF <u>3</u> PAGES  |
|   | AN AGENCY OF THE GOVERNMENT OF<br><b>Vietnam</b>                         | 2. Agreement No.<br><b>71-037</b>                   | 3. <input checked="" type="checkbox"/> Original or<br>Revision No. _____ |
|   |  | 3. Project/Activity Title<br><b>Malaria Control</b> |  |

**I. BACKGROUND**

This project is designed to control rather than eradicate malaria in Vietnam. Limitations in scope of activity are currently governed by both the acute shortage of manpower, especially in the skilled and professional categories, and by the existence of insecure areas of the country which prohibit total coverage. These areas serve as foci for the spread of infection to surrounding localities.

**II. OBJECTIVES**

The objective of the program, which will remain the same for the duration of hostilities, is that of maintaining as low a malaria rate as possible within the manpower and security constraints imposed by the war. Upon the cessation of hostilities, the ultimate objective will be the implementation of a malaria eradication program designed to eliminate the war-spread foci of infection and lay the groundwork for the general rural development program.

**III. DESIGNATIONS**

**A. The Government of Vietnam**

1. The Ministry of Health hereby designates the Administrator, National Malaria Program as Project Manager to represent the Ministry in carrying out this project.

2. The Director General Public Health agrees to designate at least one official of the Directorate to act as counterpart for each US advisor who may be assigned to work on this project;

**B. USAID**

The USAID designates the Chief Malaria Advisor or his designee to serve as Project Manager for this project.

**IV. IMPLEMENTATION PLAN AND RESPONSIBILITIES**

The Operations and Epidemiology Services of the National Malaria Program (NMP), in the Directorate of Public Health of the Ministry of Health, will be responsible for the implementation of the Malaria control program.

The GVN/MOH/NMP will, under the terms of this agreement and with advisors, implement the following actions:

|  |  |
|--|--|
| For the Cooperating Government or Agency<br><br>SIGNATURE: _____ DATE: _____<br>TITLE: _____ | For the Agency for International Development<br><br>SIGNATURE: _____ DATE: _____<br>TITLE: _____ |
|--|--|

|  |   |   |  |
|--|---|---|--|
| AID 1580-1A<br>(2-70)<br><br><b>PRO AG</b><br><br>CONTRIBUTION<br>SHEET<br><br>A | <b>PROJECT AGREEMENT</b><br>BETWEEN AID AND<br><b>DSRPA</b><br><br>AN AGENCY OF THE GOVERNMENT OF<br><b>Vietnam</b> | 1. Project/Activity No.<br><b>730-11-510-313</b>        | PAGE <u>3</u> OF <u>2</u> PAGES  |
|  |   | 2. Agreement No.<br><b>71-037</b>                       | 3. <input checked="" type="checkbox"/> Original or<br>Revision No. _____ |
|  |   | 3. Project/Activity Title<br><br><b>Malaria Control</b> |  |

A. Revise provincial and local Administration General for Malaria Eradication (AGME) blood sampling procedures, diagnostic system, and response capability to shorten the time between blood slide collection, positive analysis and the application of DDT to the infected geographical area by:

1. Assisting local area personnel to make greater use of blood sampling and analysis results in targeting DDT spraying.
2. Changing the malaria incidence criteria from one case per 1,000 population per year to shorten or eliminate the time period over which data is gathered before DDT spraying is initiated.
3. Continuing the evaluation of the location of blood slide analysis laboratories. Such evaluation should lead eventually to corrective action to shorten the distance and therefore the time between blood sample collection and analysis.
4. Speeding analysis of blood slides by adjusting staffing in laboratories in accord with the work load.

B. Continuing routine spraying of Chieu Hoi centers, refugee camps, RD training camps and other locations frequented by transient people.

C. Beginning research into drug resistance of parasites and maximum safe single dosage. This will be done in cooperation with AID/PHS Malaria Research Center, Bangkok.

D. Training ten Provincial Malaria Officers for one month at the Malaria Eradication Training Center (METC) Manila.

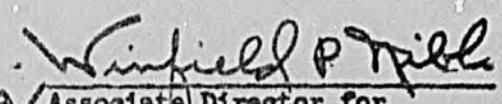
E. Beginning a study of vector density in Mekong Delta.

V. EXPLANATION OF FUNDING

The dollars obligated herein will fund the services of four Regional Malaria Advisors, one National Malaria Advisor and an Entomologist under a PASA with the USPHS.

In addition, DDT and spraying equipment will be provided under Project 590-350, Health Logistic Support.

Concurrences:   
 \_\_\_\_\_  
 Minister of Health

  
 A/ Associate Director for  
 Local Development

|  |  |
|--|--|
| For the Cooperating Government or Agency<br><br>SIGNATURE: _____ DATE: _____<br>TITLE: _____ | For the Agency for International Development<br><br>SIGNATURE: _____ DATE: _____<br>TITLE: _____ |
|--|--|

UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT  
TO  
VIET-NAM

PROJECT DOCUMENT  
APPROVAL FORM

Division PUBLIC HEALTH

Date Typed October 27, 1970

Project No. 730--11-510-313

Title Malaria Control

Original Project Agreement  71-037

Revision No.

Polk  
PROGRAM OFFICE

10-28-70  
DATE

John Stivers  
PROJECT TECHNICIAN

5 Nov 70  
DATE

[Signature]  
AD/FINANCIAL MGMT

11/2/70  
DATE

[Signature]  
DIVISION CHIEF

11/6/70  
DATE

7200313 (6)  
 72-ADF-397

PRO AG  
 (VICTIM NAME)  
 21

**PROJECT AGREEMENT**  
 BETWEEN THE DEPARTMENT OF STATE, AGENCY FOR INTERNATIONAL DEVELOPMENT (AID),  
 AN AGENCY OF THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND  
 THE DIRECTORATE GENERAL FOR BUDGET AND FOREIGN AID  
 AN AGENCY OF THE GOVERNMENT OF VIETNAM.

Under the terms of the Economic Cooperation Agreement signed September 7, 1951, and the standard provisions annexes attached, it is agreed to carry out a project in accordance with the terms set forth herein.

*[Handwritten signature]*

Minister  
 of Health

1. PROJECT No. 730-11-510-313    2. AGREEMENT No. 72-014    3. ORIGINAL     REVISION No.

4. PROJECT TITLE: **Malaria Control**  
 (Sub-Activity)

5. PROJECT DESCRIPTION AND EXPLANATION (See Annex A attached)

6. APPROPRIATION: 72-1121006    7. ALLOTMENT: 256-50-730-00-69-21

| 8. AID DOLLAR FINANCING<br>(Cost Component)        | PREVIOUS TOTAL<br>(A) | INCREASE<br>(B) | DECREASE<br>(C) | TOTAL TO DATE<br>(D) |
|--|-----------------------|-----------------|-----------------|----------------------|
| a. PERSONNEL COSTS                                 |                       |                 |                 |                      |
| (1) US   |                       |                 |                 |                      |
| PASA   |                       | 196,095         |                 | 196,095              |
| Contract   |                       |                 |                 |                      |
| (2) LOCAL AND TCN                                  |                       |                 |                 |                      |
| PASA   |                       |                 |                 |                      |
| Contract   |                       |                 |                 |                      |
| b. PARTICIPANTS                                    |                       |                 |                 |                      |
| AID Direct   |                       |                 |                 |                      |
| PASA/Contract                                      |                       |                 |                 |                      |
| c. COMMODITIES                                     |                       |                 |                 |                      |
| AID Direct   |                       |                 |                 |                      |
| PASA/Contract                                      |                       |                 |                 |                      |
| d. OTHER COSTS                                     |                       |                 |                 |                      |
| AID Direct   |                       |                 |                 |                      |
| PASA/Contract                                      |                       |                 |                 |                      |
| e. TOTAL (ALL COSTS)                               |                       | 196,095         |                 | 196,095              |
| 9. LOCAL CURRENCY FINANCING<br>(\$1.00 = PIASTERS) |                       |                 |                 |                      |
| e. COUNTERPART                                     |                       |                 |                 |                      |
| Trust Fund   |                       |                 |                 |                      |
| AAC  |                       |                 |                 |                      |
| Special Fund                                       |                       |                 |                 |                      |
| Other  |                       |                 |                 |                      |
| b. GVN (SHOW SOURCE BELOW)                         |                       |                 |                 |                      |
| c. US - OWNED                                      |                       |                 |                 |                      |

10. REFERENCES AND REMARKS:  
 This Project Agreement obligates US dollar funds as indicated above, to cover the continuing cost of six Malaria Advisers in FY72, under PASA VN (HM) 1-71

Ref: PIO/T (21) 20007

11. DATE OF ORIG AGREEMENT: July 29, 1971    12. DATE OF THIS REVISION:    13. EST FINAL CONTRIBUTION DATE: June 30, 1974

14. GOVERNMENT OF VIETNAM  
 SIGNATURE: *[Signature]* DATE: July 29, 1971  
 TITLE: Director General for Budget and Foreign Aid

15. AGENCY FOR INTERNATIONAL DEVELOPMENT  
 SIGNATURE: *[Signature]* DATE: 7/29/71  
 TITLE: Associate Director for Program

PROJECT AGREEMENT  
BETWEEN AID AND

DERFA

AN AGENCY OF THE GOVERNMENT OF  
Vietnam

730-11-510-313

2. Agreement No.  
72-014

3. Project/Activity Title  
Malaria Control

3.  Original or  
Revision No.

I. BACKGROUND

This project is designed to control rather than eradicate malaria in Vietnam. Limitations in scope of activity are currently governed by both the acute shortage of manpower, especially in the skilled and professional categories, and by the existence of insecure areas of the country which prohibit total coverage. These areas serve as foci for the spread of infection to surrounding localities.

II. OBJECTIVES

The objective of the program, which will remain the same for the duration of hostilities, is that of maintaining as low a malaria rate as possible within the manpower and security constraints imposed by the war. Upon the cessation of hostilities, the ultimate objective will be the implementation of a malaria eradication program designed to eliminate the war-spread foci of infection and lay the groundwork for the general rural development program.

III. DESIGNATIONS

A. The Government of Vietnam

1. The Ministry of Health hereby designates the Administrator, National Malaria Program as Project Manager to represent the Ministry in carrying out this project.

2. The Director General Public Health agrees to designate at least one official of the Directorate to act as counterpart for each US advisor who may be assigned to work on this project.

B. USAID

The USAID designates the Chief Malaria Advisor or his designee to serve as Project Manager for this project.

IV. IMPLEMENTATION PLAN AND RESPONSIBILITIES

The Operations and Epidemiology Services of the National Malaria Program (NMP), in the Directorate of Public Health of the Ministry of Health will be responsible for the implementation of the Malaria control program.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
TITLE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
TITLE: \_\_\_\_\_

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|---|---|---|--|
| AID 1230-1A<br>(8-70)<br><br><b>PRO AG</b><br><br>CONTINUATION<br>SHEET<br><br>ANNEX <u>A</u> | <b>PROJECT AGREEMENT</b><br>BETWEEN AID AND<br><br><b>DCBFA</b><br><br>AN AGENCY OF THE GOVERNMENT OF<br><br><b>Vietnam</b> | 1. Project/Activity No.<br><b>730-11-510-313</b>        | PAGE <u>3</u> OF <u>7</u> PAGES  |
|   |   | 2. Agreement No.<br><b>72-014</b>                       | 3. <input checked="" type="checkbox"/> Original or<br>Revision No. _____ |
|   |   | 3. Project/Activity Title<br><br><b>Malaria Control</b> |  |

The GVN/MOH/NMP will, under the terms of this agreement and with advisors, implement the following actions:

A. Revise provincial and local Administration General for Malaria Eradication (AGME) blood sampling procedures, diagnostic system, and response capability to shorten the time between blood slide collection, positive analysis and the application of DDT to the infected geographical area by:

1. Assisting local area personnel to make greater use of blood sampling and analysis results in targeting DDT spraying.
2. Continuing the evaluation of the location of blood slide analysis laboratories. Such evaluation should lead eventually to corrective action to shorten the distance and therefore the time between blood sample collection and analysis.
3. Speeding analysis of blood slides by adjusting staffing in laboratories in accord with the work load.

B. Continuing routine spraying of Chieu Hoi centers, refugee camps, RD training camps and other locations frequented by transient people.

C. Beginning research into drug resistance of parasites and maximum safe single dosage. This will be done in cooperation with AID/PHS Malaria Research Center, Bangkok.

D. Training ten Provincial Malaria Officers for one month at the Malaria Eradication Training Center (METC) Manila.

E. Complete the study of vector species and density in Mekong Delta.

V. EXPLANATION OF FUNDING

The dollars obligated herein will fund the services of four Regional Malaria Advisors, one National Malaria Advisor and one entomologist under a PASA with the USPHS.

In addition, DDT, spraying and laboratory equipment will be provided under Project 590-350, Health Logistic Support.

|  |  |
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| For the Cooperating Government or Agency<br><br>SIGNATURE: _____ DATE: _____<br>TITLE: _____ | For the Agency for International Development<br><br>SIGNATURE: _____ DATE: _____<br>TITLE: _____ |
|--|--|

|  |  |   |  |
|--|--|---|--|
| AID 1350-1A<br>(8-701)<br><br><b>PRO AG</b><br><br>CONTINUATION<br>SHEET<br><br>ANNEX <u>B</u> | <b>PROJECT AGREEMENT<br/>         BETWEEN AID AND<br/>         DGBFA</b> | 1. Project/Activity No.<br><b>730-11-510-313</b>    | PAGE <u>4</u> OF <u>7</u> PAGES  |
|  | AN AGENCY OF THE GOVERNMENT OF<br><b>Vietnam</b>                         | 2. Agreement No.<br><b>72-014</b>                   | 3. <input checked="" type="checkbox"/> Original or<br>Revision No. _____ |
|  |  | 3. Project/Activity Title<br><b>Malaria Control</b> |  |

WORK PLAN

A. Organization

1. The Operations and Epidemiology Services of the National Malaria Program (NMP), in the Directorate of Public Health of the Ministry of Health, will be responsible for the implementation of the Malaria program. The NMP will have semi-autonomous authority granted by decree with a direct technical line of authority channeled from NMP headquarters through the Regional offices to the Provincial Malaria Services. Administrative authority will be exercised by the Regional Health Inspector and Provincial Medicine Chiefs. The technical implementation and direction of the program, and direction of the proper utilization of supplies, material, and vehicles will be vested in the officials of the NMP.

*with posts by NMP*

2. Epidemiological surveillance will be developed in the rural health services through passive case detection centers in provincial hospitals, district dispensaries, and village and hamlet health centers. Training necessary for the health workers at these centers, in malaria blood sampling and presumptive treatment, will be provided by the provincial malaria officers.

3. More active sampling will be encouraged on the part of NMP employees, more rapid diagnoses will be provided, and house spraying will be geared to the results of this current sampling rather than last year's averages.

B. Epidemiology

1. Epidemiological surveillance will be carried out by NMP workers assigned to all provincial hospitals and district dispensaries in Areas "AB" "C" and "D" for passive case detection, as in the past. In addition, more emphasis will be placed upon the training and encouragement of rural health workers at village and hamlet health centers to increase their output of PCD smears. RD cadre and KOPREM Teams will also be supplied and requested to contribute PCD slides to NMP laboratories for diagnosis. Supply, collection, and return of results will be coordinated by NMP liaison workers.

*sample blood parasites*

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
TITLE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
TITLE: \_\_\_\_\_

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|--|--|---|--|
| AID 1320-1A<br>(3-70)<br><br><b>PRO AG</b><br><br>CONTINUATION<br>SHEET<br><br>ANNEX B | <b>PROJECT AGREEMENT<br/>         BETWEEN AID AND<br/>         DGEFA</b> | 1. Project/Activity No.<br><b>730-11-510-313</b>    | PAGE <u>5</u> OF <u>7</u> PAGES  |
|  |  | 2. Agreement No.<br><b>72-014</b>                   | 3. <input checked="" type="checkbox"/> Original or<br>Revision No. _____ |
|  | AN AGENCY OF THE GOVERNMENT OF<br><b>Vietnam</b>                         | 3. Project/Activity Title<br><b>Malaria Control</b> |  |

2. Active case detection at and beyond the hamlet level will be carried out by mobile epidemiology teams to be established in each province of the affected areas. These teams will conduct blood surveys in an attempt at early detection of the outbreaks which have, heretofore, not been brought to notice through FGD until well advanced, if at all.

3. The epidemiology service will give special attention to the centers mentioned in part (C) under areas of operation of this plan. Malaria personnel shall visit these centers regularly, take blood smears as necessary, and do follow-ups to assure treatment of positive cases.

**C. Laboratories**

1. The central laboratory in Saigon will continue to reconfirm all positive slides found by the field laboratories, and 10% of the negative slides as a check on efficiency. It will also serve as a training center for new microscopists.

2. An attempt will be made to establish at least one laboratory in each malarious province. Further attempts will be made to speed the transport of blood samples and return of results through cooperation with the military.

**D. Spray Operations**

1. Routine priority will be given to Chieu Hoi, relocation, refugee, and any other centers where transient populations and new housing increase the risk of infection and transmission. All such centers will be sprayed completely twice a year. New housing will be treated as soon as possible after completion.

2. Routine spraying of localities on the basis of the past years' malaria indices will be dropped in favor of a flexible schedule of spraying based upon late results of the increased surveillance activities as shown by up-to-date locality cards.

3. Spray coverage will be extended to cover 700,000 houses, or 2.5 million inhabitants, and will consist of the standard 2 grams of DDT per square meter of wall area. If conditions permit, a trial will be made with the half-dosage application which is showing good results elsewhere in the world.

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| For the Cooperating Government or Agency<br><br>SIGNATURE: _____ DATE: _____<br>TITLE: _____ | For the Agency for International Development<br><br>SIGNATURE: _____ DATE: _____<br>TITLE: _____ |
|--|--|

|   |   |   |  |
|---|---|---|--|
| AID 1280-1A<br>(B-70)<br><br><b>PRO AG</b><br><br>CONTINUATION<br>SHEET<br><br>ANNEX <u>B</u> | <b>PROJECT AGREEMENT</b><br>BETWEEN AID AND<br><b>DGBFA</b> | 1. Project/Activity No.<br><b>730-11-510-313</b>    | PAGE <u>6</u> OF <u>7</u> PAGES  |
|   | AN AGENCY OF THE GOVERNMENT OF<br><b>Vietnam</b>            | 2. Agreement No.<br><b>72-014</b>                   | 3. <input checked="" type="checkbox"/> Original or<br>Revision No. _____ |
|   |   | 3. Project/Activity Title<br><b>Malaria Control</b> |  |

### E. Entomology

Entomology work carries the personnel away from the villages to jungle streams and ponds for larva collection. Most of the studies on adult mosquitoes must be done at night in the village. The following plan will be carried out, if conditions permit:

1. The entomological operations will have a laboratory. Studies of mosquito bionomics and insecticide susceptibility will be conducted. The reference collection will be enlarged as the result of field surveys. The laboratory will serve as a training center for entomology personnel.

2. Entomological teams will work out of Saigon and Can Tho to conduct surveys, perform bioassays, conduct investigations and collect mosquitoes for the enlargement of a reference collection.

3. All entomology efforts will be geared to cover foothills, lowland jungles and mountains throughout the year. These are regions where the three most important vectors occur. (Anopheles balabacensis, minimus and teyporiensis).

4. The entomology team will pay strict attention to the coastal and delta plains area south of Tuy Hoa during the months of October, November and December. This is the time when the suspect vectors occur, i.e., Anopheles barbirostris, sinensis and subpictus. The known vector, Anopheles sundaicus, is also present at this time of year. In the delta, A. sundaicus is found in seasonal peak densities during the months of July and August.

5. Special investigations will be made in those regions that have been non-malarious but report increased SPR. Entomology investigations will be done only after epidemiology data shows that the possibilities of the increased SPR is due to local transmission and not to the relocation of people or infections imported from known malarious areas.

6. All culicine mosquitoes collected will be saved, along with Anophelines, and will be properly labeled and returned to Saigon for identification and placement in the reference library.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 TITLE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 TITLE: \_\_\_\_\_

**PROJECT AGREEMENT  
BETWEEN AID AND  
DGBFA**

AN AGENCY OF THE GOVERNMENT OF  
Vietnam

1. Project/Activity No.

730-11-510-513

PAGE 7 OF 7 PAGES

2. Agreement No.

72-014

3.  Original or  
Revision No. \_\_\_\_\_

3. Project/Activity Title

Malaria Control

**F. Personnel**

Aside from security, manpower from the skilled professional to the daily labor levels continues to be the MMP's greatest problem. In line with its general reduction of health advisory personnel, USAID will decrease its United States Public Health Service Malaria staff from six to four, terminating the positions of entomologist and Zone II Advisor during the year. Thereafter, Zones I and II will be served by a single advisor and the Zone IV vector survey will be completed under the direction of the USARV entomologist now assigned to the program.

Within the MMP, existing personnel will be cross-trained in blood-sampling. Attempts will be made to utilize women to fill vacant positions wherever possible.

**G. Planning**

Both MMP and USAID Malaria technicians will devote as much time as possible to planning and programming of the reconstitution of a National Malaria Eradication Program. This Program, which is a pre-requisite to rural development should be ready to be put into operation as soon as possible after the cessation of hostilities.

**H. Training**

Under the supervision of the advisors to be provided through this agreement, the following training activities are contemplated:

1. Ten Provincial Malaria Officers to be sent to the AID/WHO Malaria Eradication Training Center/Manila for three week's training entitled "Special Course in Malaria Eradication for Cadres".

The above training will be financed by USAID under separate documentation.

**I. Commodities**

In order to carry out the spraying program described in this Work Plan, USAID is providing approximately \$223,000 worth of DDT and other commodities through the Health Logistics project No. 730-11-590-350.

For the Cooperating Government or Agency

For the Agency for International Development

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
TITLE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
TITLE: \_\_\_\_\_

# PROJECT DOCUMENT CLEARANCE SHEET

Project Title : Malaria Control

Project Number : 730-11-510-313

Agreement Number : 72-014

Original  Revision

Explanation and/or comments

If you concur to the attached document, please sign and date below

ADPROG

*mas*

ADPROG

*R.R. Brown*

Division Chief

Financial Mgmt. Br.

ADPROG

ADSM

*ADSM*

ADSM

*L. R. King*

ESA

1/24/71

*Charles Yoman*

ADSM

TECHNICAL OFFICE

*John Steiner*

Project Manager

*Keppel Adams*

Division Chief or Assistant Director

OTHER