

No. 1743

**WORLD HEALTH ORGANIZATION
and
INDIA**

Agreement (with *aide-mémoire*) for the operation of a plague survey project in the Uttar Pradesh under the World Health Organization regular budget. Signed at New Delhi, on 2 and 9 April 1952

Official text: English.

Registered by the World Health Organization on 10 June 1952.

**ORGANISATION MONDIALE DE LA SANTÉ
et
INDE**

Accord (avec aide-mémoire) relatif à l'exécution d'un programme d'enquête sur la peste dans l'Uttar Pradesh, dans le cadre du budget ordinaire de l'Organisation mondiale de la santé. Signé à New-Delhi, les 2 et 9 avril 1952

Texte officiel anglais.

Enregistré par l'Organisation mondiale de la santé le 10 juin 1952.

No. 1743. AGREEMENT¹ BETWEEN THE GOVERNMENT OF INDIA AND THE WORLD HEALTH ORGANIZATION FOR THE OPERATION OF A PLAGUE SURVEY PROJECT IN THE UTTAR PRADESH UNDER THE WORLD HEALTH ORGANIZATION REGULAR BUDGET. SIGNED AT NEW DELHI, ON 2 AND 9 APRIL 1952

The World Health Organization (hereinafter referred to as "the Organization") and

The Government of India (hereinafter referred to as "the Government")

Being desirous of obtaining mutual agreement concerning a project, particularly with reference to the purpose and scope of the project and the responsibilities which shall be assumed and the materials and services which shall be provided;

Declaring that these responsibilities shall be fulfilled in a spirit of friendly co-operation :

HAVE AGREED AS FOLLOWS :

PLAN OF OPERATIONS

PART I

1. Objectives

A. Fully realising that campaigns aiming at the control and if possible eradication of plague can be successful only when based upon thorough investigations of the plague situation, a survey will be undertaken in suitable parts of the Uttar Pradesh in order :

- (a) to detect and to delimit areas where the infection is endemic;
- (b) to study the factors responsible for endemicity;
- (c) to investigate the routes and manner of spread of the infection from the endemic areas to other parts of Uttar Pradesh;
- (d) to elucidate the factors favouring the spread of the infection in the areas into which the disease has been imported.

¹ Came into force on 9 April 1952 by signature.

B. This survey will serve as a pattern for further surveys to be undertaken successively in all plague-affected areas of Uttar Pradesh.

2. *Planning, extent and administration of the project*

2.1 In the execution of this Agreement the Government and the Organization agree to be guided by and to observe the policies established by the World Health Assembly.

2.2 The project shall be conducted under the responsibility of the Government. The Government shall request the expert furnished by the Organization to undertake on its behalf the technical and operational direction of the project. The international expert, with authority thus delegated by the Government, shall function as project leader until the transfer of responsibility as provided in para 2.3.

2.3 The method of operation shall envisage the gradual transfer of technical and operational direction to the team assigned by the Government to work with the Organization's personnel, at which time the expert provided by the Organization shall function in an advisory capacity.

2.4 This project shall be for a period of two years, in the first instance. The Government and the Organization will give their best consideration to the possibility of immediately following up the survey by a further joint programme for plague control work in the areas surveyed.

2.5 The Government will authorize the publication, both national and international, of the results of the project and of the experience derived therefrom.

2.6 The Government shall continue the programme within the scope of available resources when assistance from the Organization is withdrawn.

PART II

Commitment of the Organization

1. The Organization shall provide the following personnel, equipment, supplies, provided that for the period of operations beyond 1952 these commitments shall be subject to the budgetary limitations of the Organization.

1.1 *Personnel*

The Organization shall provide the services of one expert preferably an entomologist possessing experience in the ecology control of plague.

1.2 The Organization further undertakes, with regard to the commitments under paragraph 1.1 above, to pay and provide the following :

1.2.1 The salary, allowances, insurance and travel outside the country of assignment.

1.2.2 Any other expenses outside the country and necessary in connection with the provision of technical assistance.

1.3 *Equipment and supplies*

The Organization will make available the imported equipment and supplies as per list " A " appended, to the value of an amount not to exceed \$2,000.

1.4 *Transport*

One jeep or land rover.

PART III

Commitments of the Government

1. The Government shall provide all personnel, materials, supplies and equipment necessary for the project, except as provided in Part II.

1.1 *Personnel*

- (a) One Medical Officer, to work with the Expert in the survey and to participate in due course in actual control operations in the areas surveyed;
- (b) one entomologist, to take part in the survey;
- (c) one technical assistant;
- (d) one laboratory technician;
- (e) one senior and one junior clerks, and additional temporary clerical assistance, if required;
- (f) two drivers.

In addition to the above staff the Government will provide all ancillary labour needed for the purposes of the project.

It is further understood that the staffs of the Health Department located in the survey areas will render all possible assistance to carry out the project.

1.2 *Equipment and supplies*

The Government shall provide equipment and supplies as per list " B " annexed.

1.3 *Transport*

One jeep or land rover.

The Government agrees to maintain, service, repair, shelter and to provide fuel and lubricants for all transport used in the project. It will also provide drivers and their salaries.

1.4 *Other facilities*

1.4.1 *Laboratory facilities*

- (a) At the Provincial Hygiene Institute, Lucknow, where facilities shall include those for infecting guinea-pigs or white mice with pooled fleas or with the pooled fleas or with the pooled organs of dissected rodents;
- (b) at the laboratories in the survey areas, for rendering all possible assistance to the survey group.

1.4.2 *Records and statistical analysis*

All assistance required in the way of records, statistical analysis, drawing of maps and the like will be given by the Government to the survey group.

2. The Government further undertakes to pay and provide for the following :

2.1 Living quarters of a reasonable standard for the international expert and dependants accompanying him to the duty station.

2.2 Accommodation facilities for the national staff working on the project.

2.3 The cost of travel including a per diem allowance for the international expert while travelling on official business within the country away from his duty station, at a rate agreed upon between the Organization and the Government.

2.4 Furnished office accommodation and office requisites as required.

2.5 The cost of official telephone, telegraph, postal and other means of communication.

2.6 Payment of taxes or other duties or levies collected by the Government not covered by the privileges and immunities under Part IV.

PART IV

Final provisions

1. The Government shall accord to the Organization, its personnel, property and assets in connection with the performance of this Agreement and Supplementary Agreements, all the privileges and immunities normally accorded to the Organization, its property, assets, officials and experts under the provisions of the Convention on the Immunities and Privileges of the Specialized Agencies.¹

¹ United Nations, *Treaty Series*, Vol. 33, p. 261; Vol. 43, p. 342; Vol. 46, p. 355; Vol. 51, p. 330; Vol. 71, p. 316; Vol. 76, p. 274; Vol. 79, p. 326; Vol. 81, p. 332; Vol. 84, p. 412; Vol. 88, p. 446; Vol. 90, p. 323; Vol. 91, p. 376; Vol. 92, p. 400; Vol. 96, p. 322; Vol. 101, p. 288; Vol. 102, p. 322; Vol. 109, p. 319; Vol. 110, p. 314; Vol. 117, p. 386; Vol. 122, p. 335; Vol. 127, p. 328, and p. 309 of this volume.

2. The provisions of the aforementioned Convention shall not apply to the personnel furnished by the Government and which are not staff, consultants, or employees of the Organization.
3. The materials, supplies and equipment furnished by the Organization under Part II of this Agreement shall remain the property of the Organization, unless and until title thereto is transferred as mutually agreed between the Government and the Organization.
4. This Agreement may be modified by mutual consent of the Government and the Organization.
5. This Agreement may be terminated by either party upon written notice to the other and shall terminate sixty days from the receipt of such notice.

IN WITNESS WHEREOF the undersigned, being duly authorised to that effect have signed this Agreement.

DONE in six copies in English at New Delhi on 2 April 1952.

For the Government of India :

(Signed) P. M. MENON

Ministry of Health Joint Secretary,

and at New Delhi on 9 April 1952.

For the World Health Organization :

(Signed) C. MANI

Regional Director for S. E. Asia

AIDE-MEMOIRE ON THE PLAGUE SITUATION IN UTTAR PRADESH

Plague continues to be a serious health problem in the Uttar Pradesh of India. From records showing the mortality from plague since 1901 it can be gathered that the mortality from this disease reached peaks in the years 1905, 1907, 1910 and 1911 when the following figures were recorded :

Year	Total plague deaths	Plague deathrate per 100,000 population
1905	383,802	8.05
1907	328,862	6.90
1910	158,071	3.31
1911	332,301	7.09

As shown in the table inserted below, within recent times there was a marked downward trend in the mortality from plague. However, in certain years, e.g. in 1928

and 1947, the mortality figures were far in excess of those recorded during the immediately preceding years, thus showing that under conditions favouring its spread the infection is still apt to cause considerable havoc and to inflict great misery on the people :

Year	Total plague deaths	Plague death rate per 100,000 population
1926	57,297	1.26
1928	80,943	1.78
1929	37,678	0.83
1937	24,036	0.50
1938	13,436	0.28
1939	21,662	0.45
1940	11,725	0.24
1946	18,206	0.31
1947	51,455	0.87
1948	13,722	0.23
1949	9,875	0.16
1950	9,803	0.16

It should be noted in this connection that about 25 years ago the government of U.P. established a plague research department which, besides investigating the reservoirs and vectors of the infection, studied various methods for the control of plague. However, no full success could be obtained in this respect, with the result that the infection still remains entrenched in the State. Some of the worst affected areas situated both in its eastern and western parts, are shown in the table inserted below :

Eastern districts

	Population (in lakhs)	Number of villages	Average quinquennial plague death rates per 100,000 population
Basti	22	5,500	91
Deoria	17	2,500	119
Gorakhpur	28	4,500	159
Azamgarh	18	4,400	27

Western districts

Bijnor	9	2,000	32
Mazaffarnagar	11	900	129
Saharanpur	12	1,600	35

Data is available to show the villages where plague outbreaks, with a comparatively high mortality, occur perennially which could be used to plot the incidence of the disease.