

B. MINUTES ON THE ESTABLISHMENT OF THE DEVELOPMENT
CENTRE FOR THE PHARMACEUTICAL TECHNOLOGY

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THE ESTABLISHMENT OF THE DEVELOPMENT CENTRE

FOR THE PHARMACEUTICAL TECHNOLOGY

DATED DECEMBER 7, 1979.

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THE ESTABLISHMENT OF THE DEVELOPMENT CENTRE
FOR THE PHARMACEUTICAL TECHNOLOGY

In response to a request of the Government of the Socialist Republic of the Union of Burma, the Government of Japan dispatched the Survey Team (the Team) headed by Mr. Hisanori Uchiyama from 3rd of December 1979, through the Japan International Cooperation Agency (JICA) to conduct a basic design survey on the establishment of the Development Centre for the Pharmaceutical Technology (DCPT) in Burma.

During the stay in Burma, the Team had a series of discussions and field surveys and exchanged views with representatives of various Burmese Corporations and Departments concerned particularly the Pharmaceutical Industries Corporation (PhIC) and Burma Pharmaceutical Industry (BPI) (the Burmese Side) as to the construction and equipping of the DCPT. As a result of the discussions the Team and the Burmese Side have agreed to recommend to their respective Governments to take necessary measures toward constructing and equipping of the DCPT as follows :

1. Objectives of DCPT

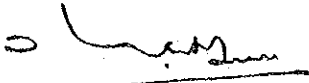
- (i) The proposed DCPT aims at promoting the following field of pharmaceutical technology as fermentation process, preparations research, development of medicinal plants and pharmacology and quality control through its research and experimentation and it is not envisaged to have direct commercial profit.



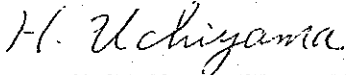
- (ii) In order to achieve this, the DCPT has four departments namely: Fermentation Process Department, Preparations Research Department, Medicinal Plants Department and Testing, Quality Control and Pharmacology Department.
2. (i) Measures to be taken by the Government of Japan :
- The Government of Japan will take necessary measures to provide such items as listed in Annex A with a priority.
- (ii) The site of the DCPT is shown in Annex B.
- (iii) Measures to be taken by the Government of Socialist Republic of the Union of Burma :
- The Government of the Socialist Republic of the Union of Burma will take necessary measures for such items as listed in Annex C.

Rangoon,
Dated December 7, 1979.

For the Burmese Side


(U THET TUN)
Managing Director,
Pharmaceutical Industries
Corporation.

For the Japanese Basic Design
Survey Team


(MR. HIEANORI UCHIYAMA)
Deputy Director,
Pharmaceutical and Chemical
Safety Division,
Ministry of Health and
Welfare.

ANNEX A.

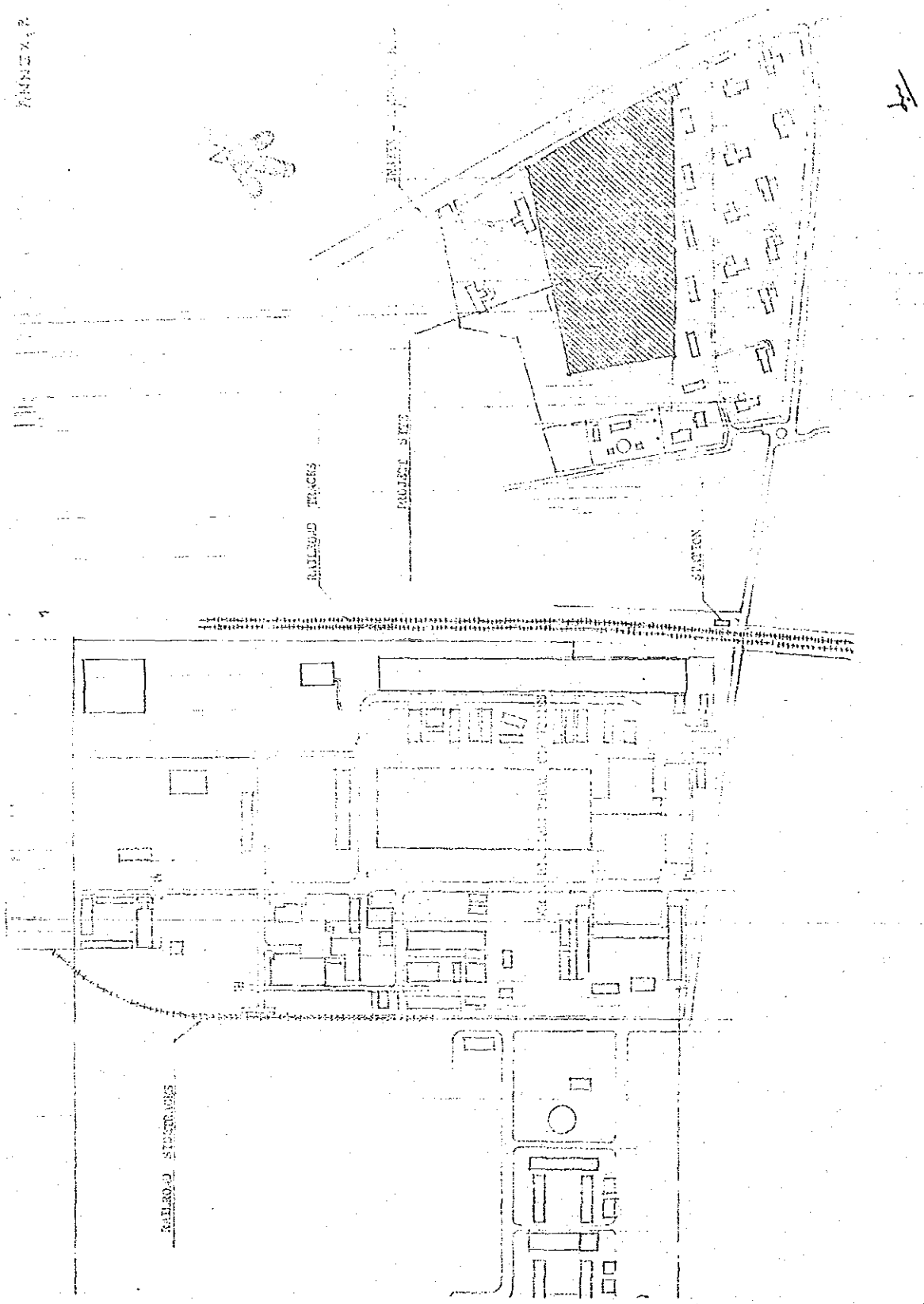
Building and equipment for the DCPT to be provided by the Government of Japan.

1. Buildings and related facilities.
2. Equipment to be used at the DCPT.

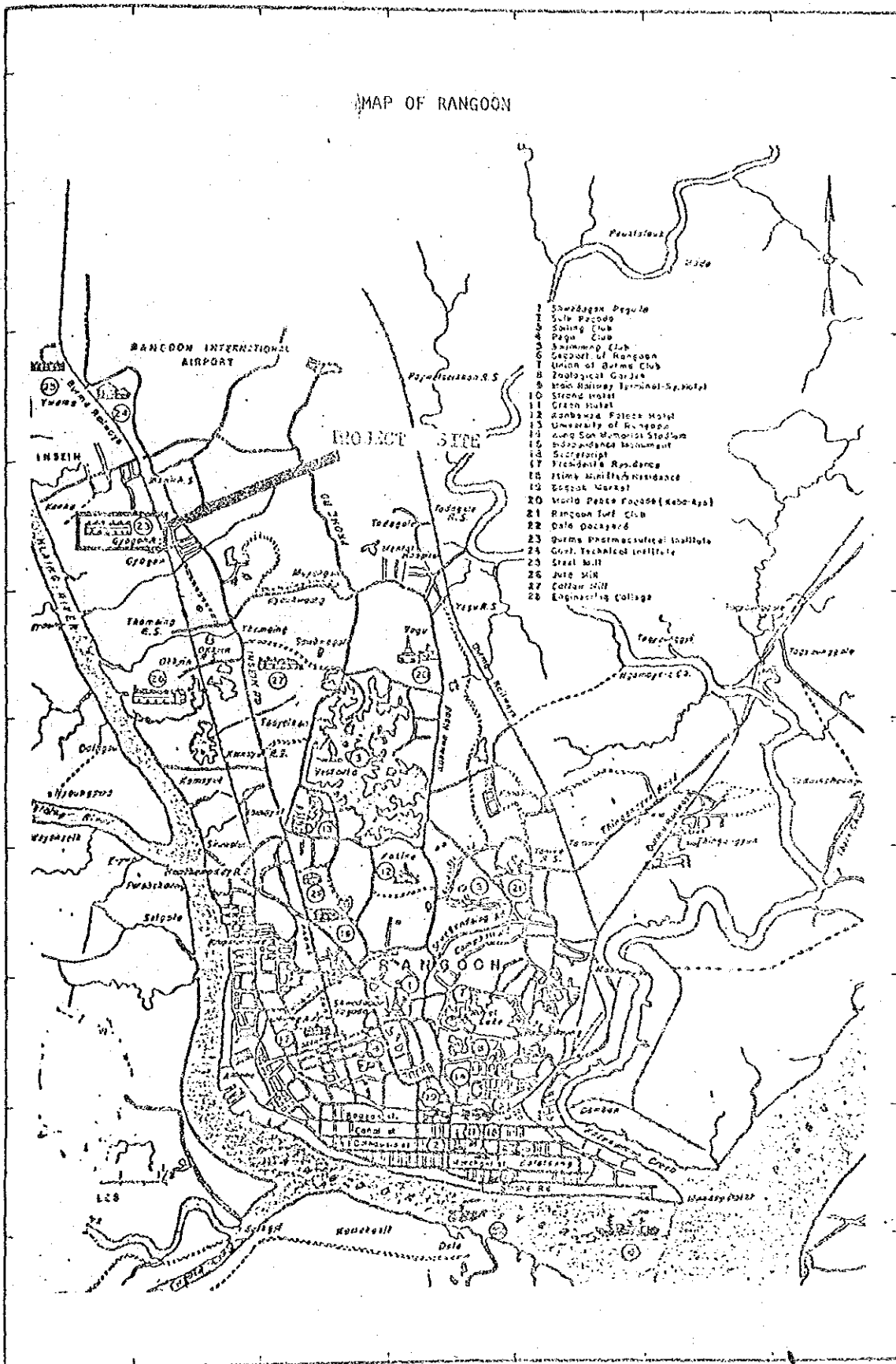
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ANNEX 2



MAP OF RANGOON



- 1 Shwepyithar Pagoda
- 2 Sule Pagoda
- 3 Spring Club
- 4 Polo Club
- 5 Swimming Club
- 6 Capital of Rangoon
- 7 Union of Burma Club
- 8 Zoological Garden
- 9 Road Railway Terminal Station
- 10 Street Market
- 11 Green Hotel
- 12 Rangoon Palace Hotel
- 13 University of Rangoon
- 14 King Sun Memorial Stadium
- 15 Independence Monument
- 16 Secretariat
- 17 President's Residence
- 18 Rangoon Municipal Dispensary
- 19 Bazaar Market
- 20 World Peace Pagoda (Kabo-Kya)
- 21 Rangoon Golf Club
- 22 Polo Grounds
- 23 Burma Pharmaceutical Institute
- 24 Civil Technical Institute
- 25 Steel Mill
- 26 Jute Mill
- 27 Cotton Mill
- 28 Engineering College

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ANNEX C.

Items whose costs should be borne by the Government of the Socialist Republic of the Union of Burma.

- (1) Data and informations necessary for the design and construction including topographic survey, soil test and other geological survey reports.
- (2) Land necessary for the construction.
- (3) Clearance and levelling of the site before the start of the construction.
- (4) Sewage treatment facilities, external sewage and drainage line.
- (5) Electrical power line to the project site.
- (6) Telephone main line.
- (7) Lawn and planting.
- (8) Furnitures (office use) and miscellaneous.
- (9) Various necessary procedures in obtaining the permissions and exemptions of customs duties and taxes from the competent authorities of the Government of the Socialist Republic of the Union of Burma for :
 - Japanese nationals concerned for this project;
 - Construction materials, construction machines, equipment, etc.
- (10) Expenses for providing services of the Burmese counterpart personnel necessary for the operation of the DCPT.
- (11) All running expenses necessary for the operation of the DCPT.

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C. LIST OF JAPANESE PERSONNEL CONCERNED

1. Preliminary Survey Team

Dr. Goro Funamoto	Team Leader Ministry of Health and Welfare
Mr. Hideaki Sakaguchi	Investigator Ministry of Health and Welfare
Mr. Hideki Abe	Coordinator Japan International Cooperation Agency
Mr. Ikufumi Tomimoto	Technical Cooperation Japan International Cooperation Agency

2. Japanese Basic Design Survey Team

Mr. Hisanori Uchiyama	Team Leader Ministry of Health and Welfare
Mr. Hideki Abe	Coordinator Japan International Cooperation Agency
Mr. Kazuo Hirukawa	Design Management Matsuda, Hirata & Sakamoto Architects, Planners & Engineers, Inc.
Mr. Masao Takahashi	Design Coordinator and Quantity Survey Matsuda, Hirata & Sakamoto Architects, Planners & Engineers, Inc.
Mr. Yoichi Hiramatsu	Architectural & Structural Design Matsuda, Hirata & Sakamoto Architects, Planners & Engineers, Inc.
Mr. Kiyotaka Otani	Development Equipment Design Matsuda, Hirata & Sakamoto Architects, Planners & Engineers, Inc.

Mr. Shuichi Takahashi

Utility Design

Matsuda, Hirata & Sakamoto
Architects, Planners & Engineers,
Inc.

3. Japanese Basic Design Team (Draft Report)

Mr. Hisanori Uchiyama

Team Leader

Ministry of Health & Welfare

Mr. Akira Yamamoto

Pharmaceutical Affairs & Technical
Cooperation

Ministry of Health & Welfare

Mr. Tadao Shiga

Coordinator

Japan International Cooperation
Agency

Mr. Masao Takahashi

Architectural Design

Matsuda, Hirata & Sakamoto
Architects, Planners & Engineers,
Inc.

Mr. Kiyotaka Otani

Engineering Design

Matsuda, Hirata & Sakamoto
Architects, Planners & Engineers,
Inc.

Mr. Shigeyuki Takei

Pharmaceutical Production and Eng-
ineering

Matsuda, Hirata & Sakamoto
Architects, Planners & Engineers,
Inc.

D. LIST OF BURMESE OFFICIALS CONCERNED

Ministry of No. 1 Industry

Col. Maung Ohn

Deputy Minister

Industrial Planning Department

U Ba Chit	Director General
U Than	Deputy Director
U Myint Soe	Deputy Director
U Tun Aung Kyaw	Deputy Director
U Zaw Myat Win	Head of Division
U Thaung	Planning Engineer
Daw Khin Mu Win	Assistant Planning Engineer

Pharmaceutical Industries Corporation

U Thet Tun	Managing Director
U Hla Win	Director
U Chit Sein	Director
U Tin Oo	Director
U Htain Lin	Director
U Ba Nyun	Director
U Mya Thung	Deputy Director
U Ban Yi	Assistant Director
Daw Khin Khin	Deputy Assistant Director
U Maw Thein	Planning Engineer

Burma Pharmaceutical Industry

Lt. Col. Han Yin	General Manager
U Hla Thaung	Deputy General Manager
U Soe Hlaing	Deputy General Manager
Dr. Ko Ko Gyi	Deputy General Manager, Project Director
Major Kyaw Myint	Assistant Deputy General Manager
U Shwe Bin	Assistant Manager
U Thein	Assistant Manager
Dr. Kin Shein	Assistant Manager
U Po Kya	Assistant Manager
U Thein Hlaing	Deputy Assistant Manager
U Chit Lwin	Chief Engineer
U Tin Oo	Engineer
U Tun Zan	Engineer
U Khim Maung	Engineer
U Than Tin	Project Manager

Ministry of Planning and Finance

Foreign Economic Relations Department

U Thein Myint Director General
U Khin Maung Director

Ministry of Health

Health Department

Dr. Shwe Tin Director General

Burma Medical Research Institute

Dr. Aung Than Batu Director General

Ministry of Construction

Construction Corporation

U Tha Nyunt Managing Director

U Khin Director of Works

U Win Kyu S.O. I

U Shwe Win S.O. I

JICA