


2. SCOPE OF WORK

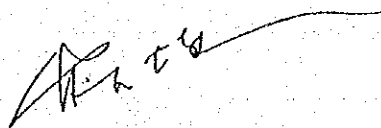
SCOPE OF WORK
FOR
MASTER PLAN STUDY
FOR
PADDY/RICE HANDLING AND PROCESSING IMPROVEMENT PROJECT
IN
THE ISLAMIC REPUBLIC OF PAKISTAN

AGREED UPON BETWEEN
ECONOMIC AFFAIRS DIVISION
AND
THE JAPAN INTERNATIONAL COOPERATION AGENCY

ISLAMABAD, MARCH 24, 1985



F. I. MALIK
Joint Secretary
Economic Affairs Division



HIROTO TAKESHITA
Leader of Preliminary Survey Team
Japan International Cooperation
Agency

I. INTRODUCTION

In response to the request of the Government of ISLAMIC REPUBLIC OF PAKISTAN (hereinafter referred to as 'Pakistan'), the Government of Japan has decided to conduct THE MASTER PLAN STUDY FOR PADDY/RICE HANDLING AND PROCESSING IMPROVEMENT PROJECT (hereinafter referred to as "the Study"), in accordance with the relevant laws and regulations in force in Japan.

Accordingly, The Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programs of the Government of Japan, will undertake the Study, in close cooperation with the authorities of Pakistan.

The present document sets forth the scope of work with regard to the Study.

II. OBJECTIVE OF THE STUDY

The objective of the Study is to prepare a general and comprehensive plan on paddy/rice harvesting, threshing, drying, milling, storage and transportation improvement.

III. OUTLINE OF THE STUDY

The Study is composed of field work in Pakistan and home office work in Japan as follows.

1. Field Work

The Study team will conduct data collection and field survey on the following items, mainly in Punjab Province and Sind Province, in close cooperation with the authorities of Pakistan.

- (1) Farm-to-market flow and system
- (2) Harvesting, threshing, drying, milling, storage and transportation techniques
- (3) Facilities and equipments for harvesting, threshing, drying, milling, storage and transportation
- (4) Quantitative losses and qualitative losses of each stage
- (5) Causes of losses
- (6) Activities of relevant organizations excluding RECP (including farmers organizations)
- (7) Grading system and standard of inspection
- (8) Others

2. Home Office Work

Based on the results of field work, home office work will be carried out on the following items.

- (1) Data analysis and assessment
- (2) Formulation of a general and comprehensive plan for improvement
- (3) Recommendation for improvement

IV. WORK SCHEDULE

The Study will be executed in accordance with the attached tentative work schedule.

V. REPORTS

JICA shall prepare and submit following reports in English to the Government of Pakistan

- (1) Inception report
Thirty (30) copies at the commencement of field work
- (2) Field report
Thirty (30) copies at the end of field work

- (3) Draft final report
Thirty (30) copies within one (1) month after
the end of home office work
The Government of Pakistan is requested to
provide its comments on the draft final report
within one (1) month after its receiving
- (4) Final report
Fifty (50) copies within two (2) months
after receiving the comments on the draft
final report

VI. UNDERTAKING OF THE GOVERNMENT OF PAKISTAN

1. To facilitate smooth conduct of the Study, the Government of Pakistan shall take necessary measures;

- (1) To secure the safety of the Japanese study team,
- (2) To permit the members of the Japanese study team to enter, leave and sojourn in Pakistan for the duration of their assignment therein, and exempt them from alien, registration requirements and consular fees,
- (3) To exempt the members of the Japanese study team from taxes, duties, fees and other charges on equipment, machinery and other materials brought into Pakistan for the conduct of the Study,
- (4) To exempt the members of the Japanese study team from income tax and charges of any kind imposed on or in connection with any emolument or allowances paid to the members of the Japanese study team for their services in connection with the implementation of the Study,
- (5) To provide the necessary facilities to the Japanese study team for the remittance as well as utilization of funds introduced into Pakistan from Japan in connection with the implementation of the Study,

- (6) To secure permission for entry into private properties or restricted area for the conduct of the Study, unless prohibited by laws/regulations,
- (7) To secure permission to take all data and documents related to the Study including photographs out of Pakistan to Japan by the Japanese study team, and
- (8) To provide medical services as needed. Its expense will be chargeable on the members of the Japanese study team.

2. The Government of Pakistan shall bear claims, if any arises, against the members of the Japanese study team resulting from, occurring in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or wilful misconduct on the part of the members of the Japanese study team.

3. Ministry of Food, Agriculture and Cooperatives shall act as counterpart agency to the Japanese study team and also as coordinating body to other relevant organizations for the smooth implementation of the Study.

4. Ministry of Food, Agriculture and Cooperatives shall, at its own expense, provide the Japanese Study team with the following, in cooperation with other agencies concerned, if necessary.

- (1) available data and information related to the Study
- (2) counterpart personnel
- (3) suitable office with necessary equipment and furniture

VII. UNDERTAKING OF JICA

For the implementation of the Study, JICA shall take the following measures;

- (1) To dispatch, at its own expenses, the study team in accordance with the attached tentative work schedule, and
- (2) To pursue technology transfer to the Pakistan counterpart personnel in the course of the Study.

VIII. JICA and Ministry of Food, Agriculture and Cooperatives will consult with each other in respect of any matter that is not agreed upon in this document and may arise from or in connection with the Study.

8/2

3. MINUTES OF MEETING

MINUTES OF MEETING
ON
SCOPE OF WORK
FOR
THE MASTER PLAN STUDY
FOR
PADDY/RICE HANDLING AND PROCESSING IMPROVEMENT PROJECT

The Officials of the Ministry of Food, Agriculture and Cooperatives and JICA Preliminary Survey Team on the Master Plan Study for Paddy/Rice Handling and Processing Improvement Project (hereinafter referred to as "the Study") headed by Mr. H. Takeshita, held a series of meeting to discuss the details of the Scope of Work for the Study.

As a result of discussions, both sides agreed in principle on the Scope of Work, and confirmed the importance of the following items and recognized the necessity to make efforts to realize them.

1. The Study will be done in general and comprehensive manners, however, recommendation in the final report would be focussed on the farmers' side.
2. Undertakings mentioned in the Scope of Work, item VI-4-(3) should be carried out by Ministry of Food, Agriculture and Cooperatives.

However, in case Ministry of Food, Agriculture and Cooperatives encounters difficulties to provide the undertakings due to budgetary constraints, JICA may take appropriate measures.

Islamabad, March 24, 1985

Anwarul Haq Razi
24/3/85

ANWARUL HAQ RAAZI
Joint Secretary
Ministry of Food,
Agriculture & Cooperatives

Hirotoshi Takeshita

HIROTO TAKESHITA
Leader of Preliminary Survey
Team
Japan International Cooperation

4. コンタクトミッション団長レター

Mr. S. Manzur Ahmad
Additional Secretary
Ministry of Food, Agriculture and
Cooperatives,
Government of Pakistan
ISLAMABAD

Dear Mr. Ahmad,

This is to refer to the assistance for the Development of Agriculture Marketing, requested by your Ministry on the occasion of the annual consultation between Japan and Pakistan held in February 1984. To follow up the dialogue, a contact survey team, headed by myself was dispatched, to Islamabad from 12 to 24 November and had a series of discussion and exchange of views on the subject with the authorities concerned referring to the possibility of technical cooperation (development survey) by Japan International Cooperation Agency (JICA).

As a result of these discussion, the team identified the following idea of technical cooperation as of high possibility:

1. Title :
Master Plan Study for Paddy/Rice Handling
and Processing Improvement in Pakistan
(tentative).
2. Counterpart Agency:
Ministry of Food and Agriculture and
Cooperatives. (Rice Commissioner).
3. Study Period:
Approximately one year

4. Contents of the Study:

- (1) Collection and compilation of existing data/information.
- (2) Evaluation and analysis of compile data/information
 - a) farm-to-market flow.
 - b) handling, storage and processing facilities and techniques.
 - c) post-harvest losses
- (3) Recommendation for improvement.

The above observation by the team will certainly be reported to JICA Headquarters, Tokyo, for further consideration.

I sincerely hope that the cooperation between both sides in this field would be successful and fruitful.

Thanking you for your cooperation.

Yours Sincerely,



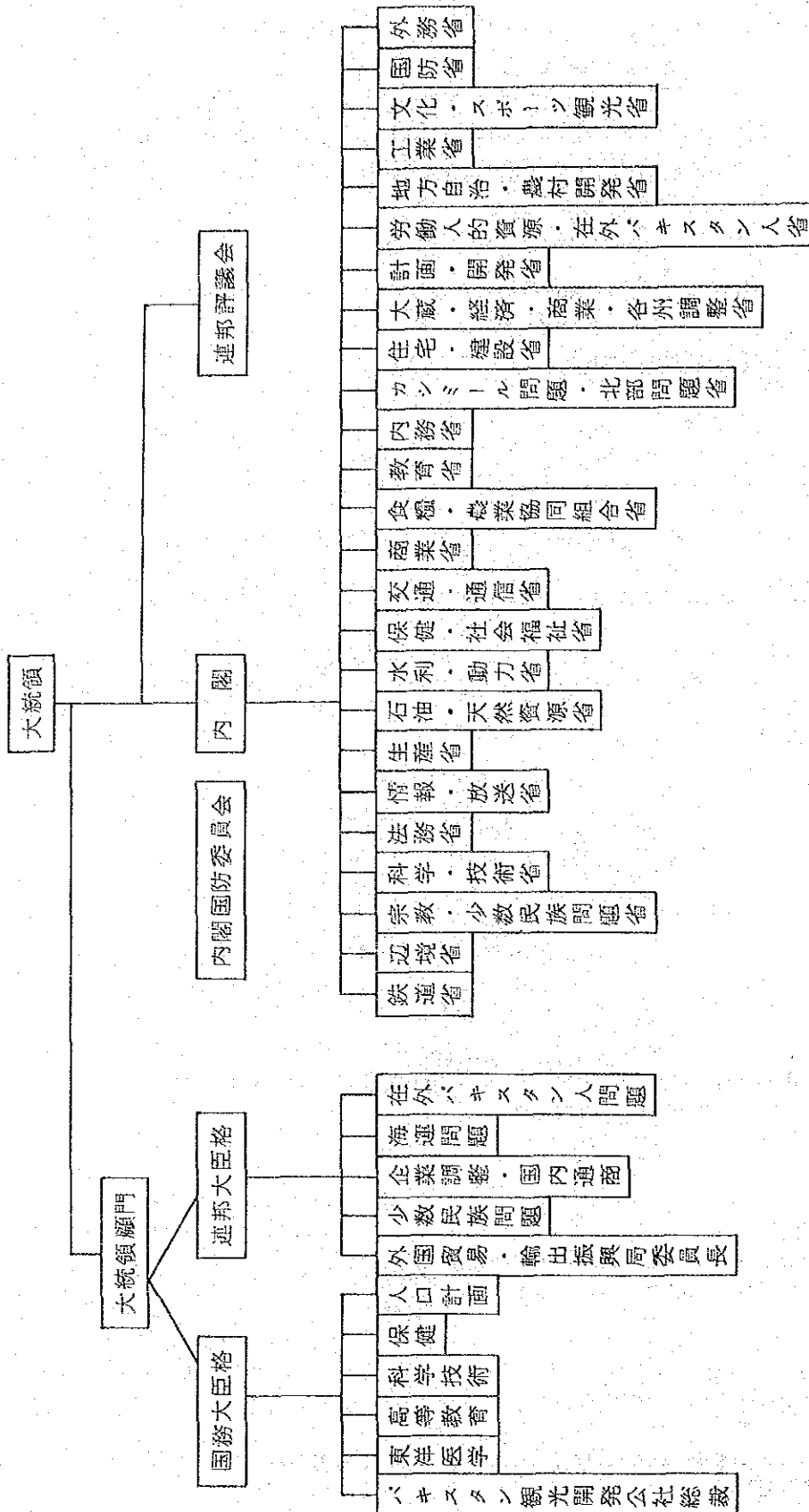
JIRO NAKAJIMA

Japan International Cooperation Agency
Team Leader

COPIES TO

1. Mr. Muhammad Faheem, Deputy Secretary, Economic Affairs Division, Government of Pakistan, ISLAMABAD
2. Mr. S. M. Ayaz, Chief, Food and Agriculture Section, Ministry of Planning and Development, Government of Pakistan, ISLAMABAD
3. Mr. N. Konzo, First Secretary, Embassy of Japan, ISLAMABAD
4. Mr. Kinjiro Wada, Resident Representative, Japan International Cooperation Agency, ISLAMABAD

5. パキスタンの中央行政組織



MINISTRY OF FOOD, AGRICULTURE AND COOPERATIVES, GOVERNMENT OF PAKISTAN

MINISTER

MINISTER OF STATE

SECRETARY

ADDITIONAL SECRETARY

AGRICULTURAL
PRICES COMMISSION

DEPARTMENT OF PLANT PROTECTION
(KARACHI)

INSPECTOR-GENERAL
OF FORESTS

JOINT SECRETARY
(AGRICULTURE)

JOINT SECRETARY
(LIVESTOCK)

ANIMAL
HUSBANDRY
COMMISSIONER

DEPUTY SEC.
(LIVESTOCK)

DEPUTY
A.H.
COMMISSIONER

JOINT SECRETARY
(FOOD)

DEPUTY INSPECTOR
GENERAL OF FORESTS

DIRECTOR-GENERAL
WATER MANAGEMENT

DEPUTY SEC.
(FOOD)

OFFICE-ON-
SPECIAL DUTY
(WHEAT)

ADVISER,
COOPERATION
FINANCE
&
ACCOUNTS

AGRICULTURAL DEVELOPMENT
COMMISSIONER

WHEAT
COMMISSIONER

COTTON
COMMISSIONER

SUGERCANE
COMMISSIONER
RICE
COMMISSIONER

DEPUTY AGRICULTURE
COMMISSIONER

OFFICER-ON-SPECIAL DUTY
(AGRICULTURAL EXTENSION)

DEPUTY SEC.
(BUDGET & COORDINATION)

DEPUTY SEC.
(PLANT PROTECTION)

DEPUTY SEC.
(AGRICULTURAL INPUTS)

DEPUTY SEC.
(INTERNATIONAL COOP)

DEPUTY SEC.
(SEED)

6. 入手資料リスト等

(1) 入手資料リスト

番号	資 料 名	入 手 先
1.	The Sixth Five Year Plan (1983 ~ 88)	Planning Commission
2.	Agricultural Statistics of Pakistan 1983	Ministry of Food Agriculture and Co-operation
3.	Projects and Programmes	Planning Commission
4.	Report of the Committee on Agricultural Marketing	
5.	Country Report, Post Harvest Rice	
6.	New Varieties Boost Rice Production in Pakistan	The Rice World and Soybean News
7.	Rice Milling Industry in Pakistan I	
8.	Rice Milling Industry in Pakistan II	
9.	Pakistan Agriculture 1984.1	
10.	Flow Chart of Paddy & Rice in Pakistan	PASSCO
11.	Package of Technology for Obtaining Maximum Yield per Acre from "Leteefy Variety"	RRI Dokri
12.	Rice Research Institute, Kala Shah Kaku	RRI Kala Shah Kaku
13.	Action Programme for the Prevention of Food Losses	FAO/ON
14.	Fortnightly Agricultural Extension News	
15.	Rice Policy for the Scheme Year 1984 ~ 85)	Govt. of the Punjab Food Dep.
16.	General Observation of RECP Operations in Bin Qasim Complex	RECP
17.	Milling Operations in RECP	RECP

(2) 既存資料リスト

1. 未開発地域農村資源開発総合基礎調査報告書
パキスタン、メキシコ (補完調査)
1977年3月 (財)国際開発センター
2. パキスタン米管理国有化政策とそれをめぐる諸問題(上)(下)
1977年 輸入食糧協議会報
3. パキスタンの経済社会の現状(第2版)
1979年度 (財)国際協力推進協会
4. 発展途上国直接借款推進基礎調査報告書 パキスタン
1981年3月 アジア経済研究所
5. パキスタンの農業 現状と開発の課題
1981年3月 (社)国際農林業協力協会
6. パキスタンの第6次5カ年計画(その開発戦略と基本的問題点)
1984年秋 アジアトレンド

(参考) パキスタンから日本の米収穫後処理加工の研修コースに参加した研修員

年	氏名・役職	所 属
1976	Mr. Zahoorul Hasan Deputy Manager	Rice Export Corporation of Pakisatn State Life Insurance Bu8lding, 3rd Fl. I.I. Chundrigar Road Karachi Pakistan
"	Mr. Maqbool Ilahi Deputy Manager	Rice Export Corporation of Pakistan State Life Insurance Bldg., 3rd Floor I.I. Chundrigar Road, Karachi Pakistan
1979	Muhammad Akbar Chaudhry	Pakistan Agricultural Research Council, P.O. Box 1031, Islamabad, Pakistan
1983	Mr. Liaquat Ali Hashmi Technical Officer (Agri.)	Pakistan Agricultural Research Council, P.O. Box No. 1031, Al Markaz F-7, Pakistan Agricultural Research Council, (Directorate of Plant Protection) Islambad Tel.: 29669

(参考) 本調査団紹介の新聞記事

Post-harvesting methods rice crop discussed

KARACHI. March 27: Ways and means to improve post-harvesting methods for rice crop and prevent grain losses in Sind were today discussed in detail at a meeting here between the visiting Japanese delegation and the Acting Secretary Agriculture, Mr. A.M. Hameedee.

The Japan International Cooperation Agency is conducting the master plan study for paddy and rice handling and processing improvement as a part of the technical co-operation between the Governments of Japan and Pakistan.

Survey

Prior to the proposed study, a preliminary survey delegation, headed by Mr. H. Takeshita is currently visiting Pakistan to conduct field survey, collect data and hold discussions with the officials concerned.

The delegation was briefed

about post-harvesting problems of rice in Sind, including losses, which occur due to conventional methods of harvesting, threshing, transportation and storage of paddy as well as milling process of rice.

The delegation was also apprised of the procurement system of rice by the Government.

Delegation

The delegation, which will also visit rice fields and mills in the Province, disclosed that another full scale ten-member team of Japan International Cooperation Agency will arrive in Pakistan in July or August next to hold final discussions in this respect.

Among others, the meeting was attended by Dr Illahi Bux Bhatti, Director, Rice Research Institute and Mr A. Salam Khan Deputy Secretary, Agriculture.—APP.

(出典) 1985年3月28日付
"DAWN"紙

JICA

