

秘

パール農業開発計画打合せチーム
調査報告書

昭和47年12月

海外技術協力事業団
農業協力部

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(チームメンバー)

外務省 技術協力2課	西 村 舜 治
農林省 国際協力課	布 施 孝 人
OTCA 農業協力部	相 場 瑞 夫
” 経 理 部	田 中 洋

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1. 調査日程および調査内容概要

ネパール計画打合せチーム調査日程

	調査打合せ事項
8月16日(水)	午後4時 Kathmandu 空港着 4時30分～7時まで 大使館(井口書記官)、専門家(4名)、チーム(相場布施)との調査業務の内容、同スケジュール等に関し、 打合せを行なう。
17日(木)	午前10時 普及局長Mr. Rana に表敬 今回の打合せ 目的について説明を行なう。 午前11時 農林次官Mr. Sharma に表敬 今回の打合 せ目的について説明を行なう。 午後1時～3時 山口シニアアドバイザーとの業務打合 せ 午後3時 日本大使館根本大使表敬 今回の打合せ目的 について説明を行なう
18日(金)	午前10時～午後5時 専門家全員との全体打合せ会議 チーム主催〔ネパール招待パーティー〕
19日(土)	(ネパール休日) Hilly area の見学(カトマンド 盆地→スンコシ川)
20日(日)	午前10時～午後1時 専門家全員との全体打合せ会議 (続) 午後2時45分 大蔵次官補Mr. Sharma 表敬 午後4時～午後6時 ネパール側プロジェクト liaison offieer Mr. Shrestha との予備打合せ
21日(月)	午前9時 外務省西村事務官との事務 午前11時 青年協力隊大西調査員、井口書記官、山口 シニアアドバイザー、調査チームとの専門家および協 力隊員との協調に関する打合せ 午後4時 ネパール側プロジェクト liaison offieer

	調査打合せ事項
8月21日(月)	Mr. Shrestha との予備打合せ(続)
22日(火)	午後3時～6時 ネパール側と正式会議 会議結果の Minutes 作成を合意
23日(水)	午前10時～12時 Mr Shrestha との最終打合せ Minute 原稿作成 午後2時～5時 西村事務官 Hilly area 見学
24日(木)	(ネパール祝日) 田中職員来ネ 〔大使主催パーティー〕
25日(金)	午前11時 農林次官 Mr. Sharma に結果報告 〔ネパール政府主催チーム招待パーティー 6時30分～7時30分〕〔チーム主催カトマンド在駐日本人招待パーティー 8時～〕
26日(土)	午前10時～12時 47年度供与機材打合せ 午後 一般業務整理 西村、布施両氏帰国
27日(日)	午前10時～12時 ネパール運輸業者との打合せ 午後 カルカッタへ向う
28日(月)	午前10時～12時 カルカッタ総領事表敬 ネパールの計画の説明およびカルカッタの通関問題について 午後 住友商事 KK 通関、輸送上の問題点について聞きとり
29日(火)	午前10時～11時 ネパール側カルカッタ総領事表敬 午前11時～3時 通関業者より問題点の聞きとり 午後3時～5時 運輸業者より問題点の聞きとり
30日(水)	午前 伊藤忠商事 KK 通関、輸送上の問題点について聞きとり 午後 丸紅 KK
31日(木)	Ex-go-down(倉庫)、港、他を見学
9月1日(金)	帰国

2. 打合せ資料 Draft

REGIONAL AGRICULTURAL DEVELOPMENT PLAN
FOR JANAKPUR ZONE AND RAFTI MODEL FARM
IN NEPAL

1. DEVELOPMENT PROGRAMMES.
2. WORKING SCHEDULE OF THE PROJECT.
3. TOTAL BUDGET FOR THE PROJECT IN JAPAN.
4. ANNUAL BUDGETARY PROVISION OF EQUIPMENT.
5. BUDGET NECESSARY FOR IMPLEMENTATION OF THE PROJECT.
6. EXPERTS AND VOLUNTEERS.
7. COUNTERPARTS FOR THE ABOVE.
8. PARTICIPANT IN THE TRAINING IN JAPAN.
9. SURVEY MISSIONS TO BE SENT.
10. ADMINISTRATION AND MANAGEMENT.
11. TRANSPORTATION PROBLEMS OF EQUIPMENT.

August, 1972.

1. JAPAN-NEPAL REGIONAL AGRICULTURAL DEVELOPMENT PROGRAMMES

- (I) Hardinath Extension Farm Project (40 ha.)
 - (1) Introduction and demonstration of improved farming techniques of paddy, wheat and other upland crops (Tarai plain).
 - (2) Trials for extension of improved farming techniques of paddy, wheat and other upland crops.
 - (3) Training for extension officers and extension workers
 - (4) Multiplication of improved seeds and seedlings of various crops for extension work.

- (II) Janakpur Extension Activities Project (Zone)
 - (1) Guidance on farming techniques in the 420 ha. paddy field area provided with tube wells and simple irrigation and drainage facilities.
 - (2) Improvement of traditional farming practices and guidance on improved farming techniques acceptable for farmers at suitably established extension plots.
 - (3) Guidance of formation and activities of farmers organizations for effective extension of farming techniques.
 - (4) Guidance on planning of agricultural development of hilly area.

- (III) Rapti Model Farm Project (20 ha.)
- (1) Introduction and demonstration of improved farming techniques of paddy, wheat and other upland crops (Inner Tarai and hilly area).
 - (2) Construction of irrigation facilities and extension of improved farming techniques in the area surrounding the model farm.

Note: For carrying out programmes as mentioned above, some facilities building is thought very necessary to ease the implementation the same.

2. Working schedule of the Project (considering the budget, equipment shipped and experts dispatched from Japan).

Programs	Year	First equipment from Japan.							
		11/26	1972	1973	1974	1975	1976	1977	1978
				11/26					11/26
(I) Hardinath Extension Farm Project. (I)-(1), (2), (3), (4)			-----						
(II) Janakpur Extension Activities P. (II)-(1) a) tube well drilling (420 ha)			←-----		----- Project Centre				
b) irrigation infrastruc- ture			←----- connection road			----- 8 well			
c) extension of farming techniques.							----- Construction of main road, and branch road (420 ha.)		
(II)-(2)					-----				
(II)-(3), (4).					-----				
(III) Rapti Model Farm Project. (III)-(1)			-----						
(III)-(2) a) Irrigation infra- structure.			←----- shallow well		-----				
b) extension of farm- ing techniques					-----				
(IV) Others. a) Project centre.			←----- layout of the Centre						
b) Water supply			←----- KR			----- Construction.			
c) Air plane					-----				
d) Locomotive railway							----- 2 well		

3. Total budgetary schedule for the Project in Japan.

(Unit: Y1, 000)

Items	Finance year										
	1969	1970	1971	1972	1973	1974	1975 (estimate)	1976	1977	1978	Total
(1) Survey	4,926	7,634	24,799	13,730	5,000	22,107	5,000	4,000	0	0	87,196
(2) Equipment	0	0	0	58,870	60,000	143,072	173,166	122,920	33,754	9,210	600,992
(3) Pay and allowance for experts	0	0	1,400	26,193	29,619	67,551	79,165	79,060	79,060	59,295	421,343
(4) Activity cost for experts	0	0	0	1,472	6,099	6,099	6,099	6,099	6,099	4,574	36,541
(5) Activity cost for O T C A	0	0	0	712	355	382	382	382	382	382	2,977
Total											Y1,149,049 (\$3,730,000)

Note :

4. Annual budgetary provision of equipment

(Unit : ¥ 1,000)

Fiscal year	Japan Nepal	1972 1972-73	1973 1973-74	1974 1974-75	1975 1975-76	1976 1976-77	1977 1977-78	1978 1978	
(1) Vehicle, locomotive		6,028	7,360 (Proj. Cent.)	8,510 (Ext.)	39,190 (Loco.)	4,660	1,330	0	
(2) Mach. and materials for Construction.									
{ Construction equip.		9,244	21,446	7,313	15,000	20,000	10,000	0	
{ Tool		3,504							
(3) Mach. and materials for infrastructural improvement.		0	2,862	77,171	45,000	35,000	1,000	0	
(4) Mach. and materials for agricultural improvement.									
{ Agricultural mach.		16,547	3,555	2,950	15,000	20,000	7,000	3,500	
{ Fertilizer, Chemical		1,248							
(5) Equipment for test and experiment		1,696	432	2,250	2,130	1,500	1,500	1,000	
(6) Equipment for exten sion, education		755	380	1,500	2,100	2,300	1,500	850	
(7) Mach. for communica tion				5,500	0	2,100	1,500	850	600
(8) Office supplies and others		1,777	322	2,500	3,170	2,840	930	300	
Total (net)		40,799	42,857	102,194	123,690	87,800	24,100	6,580	428 million. (1,400,000 \$)
Grand total	{ Freight 15% Inland, 25% other	58,870	60,000	143,072	173,166	122,920	33,754	9,210	601 million (1,950,000 \$)

5. Local budget (Running expenses, Facilities and others) borne by HMG of Nepal

Items.	Financial year: Japan (Nepal)	1972 (1972-73)	1973 (1973-74)	1974 (1974-75)	1975 (1975-76)	1976 (1976-77)	1977 (1977-78)	1978 (1978)
(I) Hardinath Extension Farm project facilities		Rs. 80,000				Rs. 243,500		
Running expense (fuel labour etc.)		Rs. 113,200				Rs. 363,600		
(II) Janakpur Extension Activities project.								
(II)-1. Tube well drilling		0	0	Rs. 81,000		Rs. 355,700		
Irrigation infra-structure and related works		0	Rs. 68,000			Rs. 505,400		
Input for farming		0	0			Rs. 487,100		
Running expense		0	0					
(II)-2. facilities		0	Rs. 14,000			Rs. 600,000		
running expense		0	Rs. 24,400			Rs. 649,400		
(II)-3 facilities		0	0					
running expense		0	0					
(III) Rapti Model Farm Project								
(III)-1. facilities		Rs. 117,200				Rs. 376,700		
running expense		Rs. 62,800				Rs. 246,800		
(III)-2. irrigation in- frastructure and related works.		0	0			Rs. 1,006,500		
input for farming		0	0					
running expense		0	0					
(IV) Others.								
Project Center facilities (land)		Rs. 312,500		Rs. 4,870,200				
RUNNING EXPENSE		0	Rs. 61,000			Rs. 1,136,400		
other (water supply, railway)		0	0			Rs. 603,900		
Total		Rs. 934,000				Rs. 11,445,200		Grand total Rs. 12,380,000

	1972-1976 (5 years)	1977-1978 (2 years)	Total
Note: (1) Pay and allowance and others : - - - - -	Rs. 4,750,000	Rs. 1,900,000	Rs. 6,650,000
Running expenses, facilities and others: - - - - -	Rs. 3,250,000 ⁽¹⁾	Rs. 1,300,000 ⁽¹⁾	Rs. 4,550,000 ⁽¹⁾
Total : - - - - -	Rs. 8,000,000	Rs. 3,200,000	Rs. 11,200,000
(2) K.R. fund.			
already provided : - - - - -	Rs. 2,000,000 ⁽²⁾ (1970)		
now-being provided : - - - - -	Rs. 3,000,000 ⁽³⁾ (1972)	(K.R. fertilizer)	
(3) Total budget : - - - - - (excluding pay and allowance)	Rs. 12,380,000		
	Rs. 12,380,000 = Rs. 4,550,000 ⁽¹⁾ + Rs. 2,000,000 ⁽²⁾ + Rs. 3,000,000 ⁽³⁾ + Rs. 2,830,000 ⁽⁴⁾		
(4) Deficit of budget : - - - - -	Rs. 2,830,000 ⁽⁴⁾		
	above budget will be expected to be prepared by HMG of Nepal.		

Note 2. Nepalese budget (not commitment) [JADP, HEF]

1972	1,545,000 Rs.	(commitment)
1973	1,700,000	(10% up estimate)
1974	1,870,000	(10% up estimate)
1975	2,057,000	(10% up estimate)
1976	2,263,000	(10% up estimate)
1977	2,489,000	(10% up estimate)
1978	<u>2,738,000</u>	(10% up estimate)
	14,662,000	

See Minutes.

ミニッツ内ではネパール政府はネパール側予算 Rs 11,200,000 および Deficit Rs 2,830,000 の計 Rs 14,030,000 を記載した。

6. Experts and Volunteers from Japan.

	1972	1973	1974	1975
Experts	(5 Experts) Senior Advisor Project Manager Agro-Irrigation sp. Farm machinery sp. Agronomist (Rapti)	Liaison officer Agronomist	Agronomist Farm management Sp. Tube well engineering sp. Hydrologist Drilling engineer Irrigation engineer Agricultural economist Extension sp. Mechanical engineer	Irrigation engineer Extension sp. Plant protection
Volunteers	(5 Persons) Agronomy Horticulture Farm machinery Extension Soil-science		Extension activities	
Short-time experts				

7. Counterparts

(1) J.A.D.B. member:

see Minutes

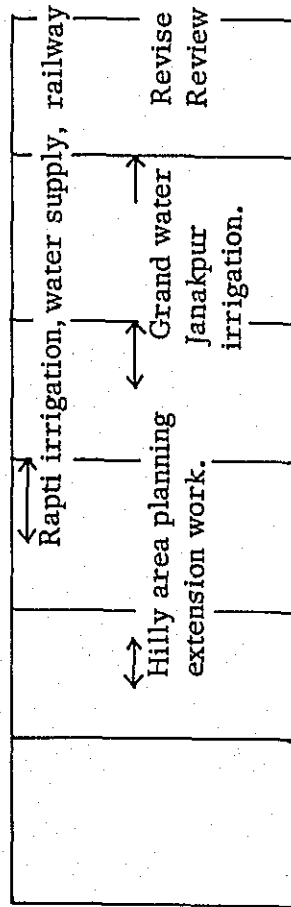
(II) Project Counterparts

see Minutes

8. Training and observation tour in Japan

Financial year (Japan)	1972	1973	1974	1975	1976	1977	1978
Items							
(1) Group Training course	4						
(2) Short-time individual course	0	5 - 6	5 - 6	5 - 6	5 - 6	5 - 6	5 - 6
(3) Short-time individual course (High officials)	2						

9. Survey mission to be sent



10. Administration and Management of the Project

- (1) The lay-out and construction of Project Centre.
- (2) 1972/73 detailed working schedule.
- (3) 1972 Equipment from Japan.

Consignee: Project Manager, Janakpur Zone Agricultural Development Project, Department of Agriculture, Minister of Food, Agriculture and Irrigation, HMG of Nepal.

- (4) High officials' short time study tour in Japan.
- (5) Others:

11. Transportation problems of equipment.

See attached note.

3. 上Draft に対するHMG of Nepalとチームの間のMinutes

Minutes of the Meeting with Japanese Team August 22, 1972, Kathmandu

In connection with the implementation of the Janakpur Zone Agriculture Development Project under the joint cooperation of His Majesty's Government and the Government of Japan, a Japanese Team visited Kathmandu for discussion and exchange of views and to confirm the content of the programme with the concerned officials of His Majesty's Government on the important aspects of the programme, the budget, the personnel and the construction works to be undertaken under the Project.

A meeting was held in this connection in the Department of Agriculture Extension on Tuesday August 22, 1972 (Bhadra 7, 2029) at 3 - 6 p.m. Present in the meeting were the following:

- | | |
|----------------------|---|
| 1. Mr. A.N. Rana | - Acting Director
Department of Agri.
Extension |
| 2. Mr. T.R. Joshi | - Deputy Director
Department of Agri.
Extension |
| 3. Mr. K.B. Shrestha | - Information Officer.
Liaison to JADP |
| 4. Mr. S. Nishimura | - Ministry of Foreign
Affairs, Japan |
| 5. Mr. M. Aiba | - O.T.C.A., Japan |
| 6. Mr. T. Fuse | - Ministry of Agriculture,
Japan |
| 7. Mr. Z. Yamaguchi | - Senior Advisor, JADP |
| 8. Mr. Y. Hasegawa | - Japanese Project Manager,
JADP |
| 9. Mr. T. Shimada | - Agro. Irrigation Expert,
JADP |
| 10. Mr. T. Tokudome | - Farm Machine Expert,
JADP |

In the meeting the following points are confirmed by both sides:

1. PROGRAMME IMPLEMENTATION

- (A) Both sides complied on the need to frame and implement agriculture development programme in conformity with the agriculture development policy of His Majesty's Government enunciated on the basis of the topographical potentiality of the country. The policy emphasizes for the development of livestock in the upper mountaneous region, horticulture in the mid-hilly region and food as well as cash crops in the tarai plains. Since the Janakpur Zone comprises all three regions and because it is a kind of regional project it is felt very desirable to undertake activities for the development of livestock, horticulture and agronomic crops in the Zone and this should be done under the Janakpur Zone Agriculture Development Project by and by.
- (B) After 1974 the whole zone may be brought exclusively under the Project so that the Zone could be reserved only for the agriculture development activities under the joint cooperation of His Majesty's Government and the Government of Japan. So till the year indicated both sides agree that district surveys and some preliminary programmes will be carried out in the districts of Dhanusha and Sarlahi where the HMG of Nepal and the USAID are implementing extension activities at present. But in the case of the other districts of the zone the agricultural extension activities will be carried out under the Project.
- (C) The Hardinath Extension Farm and the Rapti Model Farm will be brought under the Janakpur Agriculture Development Project. Whatever improved materials and techniques are established in these farms they will be extended to the farmers as earlier as possible.

2. BUDGETARY PROVISION

- (A) As mentioned in the Record of Discussion His Majesty's Government of Nepal will be prepared to provide fund for running expenses of the Project as a whole over a period of seven years (1972-78). The total cost for the same period to be borne by HMG is estimated to be around Rs. 1,40,30,000.00 in which is included the approved budget for the FY 2029/30 (1972/73).

(B) Over the same period (1972-78) the Government of Japan will be prepared to bear around Rs. 3, 64, 05, 551. 00 or (equivalent to ¥1, 11, 02, 90, 000 or US\$36, 04, 510. 00) as the total cost of equipments to be sent to the Project, pay and allowances for the Japanese Experts working in the Project, survey teams and others. This amount also includes the approved budget of the Project for 1972.

(C) In the above (B) total estimated cost is not included :

- i. the cost of the Officer training and observation tour of the Nepalese officials in Japan,
- ii. the cost of sending Japanese volunteers to work in the Project, and
- iii. the KR fund so far provided.

The Government of Japan will also be ready to bear the above costs.

(D) Regarding the construction of accomodation facilities for offices and the Project Officials it is unanimously agreed in the meeting that the cost of such construction will be shared both by HMG and the KR fund.

3. TRAINING PROGRAMME & JAPANESE EXPERTS

(A) It is confirmed that all the Project staff will receive ample training either in Japan or in home country before the completion of the Project so that once the Project is handed over to HMG the Nepalese Project staff will be able enough to run the Project by themselves.

(B) It is agreed that the higher training in Japan will be for officer level staff and this opportunity should be open only to those working in the Janakpur Zone Agriculture Development Project.

(C) Training for junior level staff will be arranged in the Project.

(D) Janakpur Agriculture Development Project being basically an extension project the need to send Japanese Agriculture Extension expert is felt to advise on agriculture extension

administration and training. Similarly the experts on horticulture and livestock are felt necessary to be sent to the Project. The Nepalese side emphasizes the importance and urgency to get livestock and horticulture experts from Japan and wishes that due consideration will be given by Japanese Government to send experts in short term basis and that agriculture extension expert should be despatched at the earliest date.

4. SUPPLY OF EQUIPMENTS

(A) As mentioned in the Record of Discussion the machinaries and equipments necessary for the Project will be despatched upon receipt of the Colombo Plan A 4 form from Nepal. Presentation of the A4 form should be treated earliest possible, as the procurement and supply of equipments consume much time in Japan.

(B) As regards transportation (freight and insurance) cost of the equipments from Japan to Nepal's border it is mentioned in the Record of Discussion that all such costs will be borne by the Government of Japan. In course of the discussion it is also agreed that the Government of Japan can consider to pay for the cost of transport of the same from Nepalese border to the Project centre if the equipments are supplied by ship. But in case of the supplies to be sent by air the transportation cost borne by the Government of Japan will cover upto Kathmandu airport and the transportation of the same upto Project centre will be the responsibility of His Majesty's Government.

After the equipments arrive in Napalese border (in the case of shipment) and in Kathmandu (in the case of air transport) supervision shall be done by the concerned staff of His Majesty's Government.

(C) In the meeting is discussed about the supply of the following equipments and materials which are understood to be of great help to the Project activity :

- i. Wireless set for connecting Kathmandu, Janakpur Centre and Rapti Model Farm will be supplied by the Government of Japan.

- ii. Intercom telephone set for use in the Department of Agriculture Extension, Harihar Bhawan. The Government of Japan will pay due consideration as regards the supply of such set.
- iii. Prefabricated stores for the Project centre. After a fairly good discussion both sides came to an agreement that such prefabricated stores, because of being portable to any desired location, will be very valuable asset for the Project. The importance as to why this material is felt so necessary is understood, but the Team believed that the Government of Japan would not be able to send it this year. It can be considered next year.
- iv. In the discussion it is agreed that the use of the airplane, although sounds very beneficial will be put under consideration. As regards locomotive no detail survey has yet been made and so very little can be said until after detail survey is made by the survey mission that is going to visit in future.

5. NEPALESE COUNTERPARTS

As regards the Nepalese counterparts for the Project the number will be decided in consultation with Mr. Z. Yamaguchi, Senior Advisor to the Project. Regarding the selection of such counterparts decision will be made within the fortnight.

AGRICULTURE EXTENSION & HARDINATH FARM
APPROVED BUDGETS IN JANAKPUR ZONE
 FOR FY2029/30 (1972/73)

<u>Budget Heads</u>	<u>RADO</u>	<u>JADO</u>	<u>SADO</u>	<u>SiADO</u>	<u>BaADO</u>	<u>DExt</u>	<u>MADO</u>	<u>JADP</u>	<u>HEF</u>
1. Salary	70916	92112	61492	55388	44586	14700	49084	214860	124004
2. Allowance	-	17340	10180	18600	16000	8000	9800	135820	-
3. T.A.D.A.	11914	15286	11700	20000	20915	5000	10500	100000	5000
4. Service	1616	2500	2500	2000	2000	200	2000	20000	500
5. Rent	3000	4100	8000	3600	3600	-	5760	15000	-
6. Repair & Maintenance									25000
6.1 Wages	2000	2500	2500	500	500	-	500	15000	
6.2 Repair Goods	3750	4000	4000	1000	1000	-	1000	10000	
7. Non-durable Goods									
7.1 Office Goods	2000	2000	2000	1200	1200	200	1200	15000	1000
7.2 Books etc.	500	200	200	200	200	-	200	2000	1000
7.3.1 Vehicle fuel	6000	6500	6500	-	-	-	-	90000	20000
7.3.2 Light fuel	2000	200	200	200	200	-	200	5000	5000
7.4 Aprons etc.	-	-	-	1500	1500	-	-	-	1000
7.5 Other goods	500	2000	1700	1000	1000	-	1000	20000	40000
8. Subsidy	1000	55000	34000	22000	19000	8000	21000	-	-
9. Contingency	500	2000	2000	1000	1000	-	1000	10000	200
10. Durable Goods									
10.1 Furnitures	5000	1100	500	500	500	-	1000	50000	-
10.2 Vehicle	-	1000	1000	-	-	-	1000	50000	-
10.3 Machines	4000	400	3000	6000	6000	-	6000	-	-
11. Purchase of									
11.1 Building	-	-	-	-	-	-	-	-	-
11.2 Land	-	-	-	-	-	-	-	70000	-
12. Construction of									
12.1 Building	-	-	-	-	-	-	-	500000	-
12.2 Fittings	45000	-	-	-	-	-	-	-	-
Total	159779	208238	151472	131688	119201	36100	111244	1322680	222700

JANAKPUR AGRICULTURE DEVELOPMENT PROJECT

PROPOSED PERSONNEL

For which the budget has provided
the required fund

<u>Positions</u>	<u>Class</u>	<u>No.</u>	<u>Starting Pay (Rs)</u>
1. Project Manager	GT I	1	900/-
2. Asstt. Project Manager	GA II	1	600/-
3. Liaison Officer	GA III	1	400/-
4. Administrative Officer	GA III	1	400/-
5. Senior Accountant	GA III	1	400/-
6. Farm Manager	GT II	1	650/-
7. Asstt. Agronomist	GT III	1	475/-
8. Asstt. Horticulturist	GT III	1	475/-
9. Asstt. Agri. Economist	GT III	1	475/-
10. Nasu	NGA I	2	225/-
11. Junior Technicians	NGT I	10	250/-
12. Kharidar Typist	NGA II	3	150/-
13. Junior Technical Assistants	NGT II	50	155/-
Peons	-	4	70/-
<u>Total Positions</u>		<u>80</u>	

Note:

1. The positions listed above are to be submitted to the board for approval.
2. The approved JADP budget provides adequate funds for project allowance to be given to all the project staff. The allowance rate is 75% of the basic pay for the non-gazetted staff & 50% of the same for gazetted staff.
3. Abbreviations used above:
 GA - Gazetted Administrative
 GT - Gazetted Technical
 NGA - Non-gazetted Administrative
 NGT - Non-gazetted Technical

1. RADO	159779
2. JADO	208238
3. SADO	151472
4. SiADO	131688
5. RaADO	119201
6. DExt	36100
7. MADO	111244
8. JADP	1322680
9. HEF	222700

Total - Rs. 2463102 N. C.

Note:

1. RADO - Regional Agriculture Development Officer
 2. JADO - Agriculture Development Office, Janakpur
 3. SADO - Agriculture Development Office, Sarlahi
 4. SiADO - Agriculture Development Office, Sindhuli
 5. RaADO - Agriculture Development Office, Ramechhap
 6. DExt - Agriculture Extension Programme, Dolakha
 7. MADO - Agriculture Development Office, Mahottari
 8. JADP - Janakpur Agriculture Development Project
 9. HEF - Hardinath Extension Farm
10. The budgets are all in local currency.

JANAKPUR AGRICULTURE DEVELOPMENT PROJECT

PERSONNEL DISTRIBUTION BY ACTIVITY

(To be adjusted from total proposed personnel)

Positions	KO	PC	HEF	RMF	MADO	Total
1. Project Manager	-	1	-	-	-	1
2. Asstt. Project Manager	-	1	-	-	-	1
3. Liaison Officer	1	-	-	-	-	1
4. Administrative Officer	-	-	1	-	-	1
5. Senior Accountant	-	1	-	-	-	1
6. Farm Manager	-	-	1	-	-	1
7. Asstt. Agronomist	-	-	-	1	-	1
8. Asstt. Horticulturist	-	-	1	-	-	1
9. Asstt. Agri. Economist	-	1	-	-	-	1
10. Nasu	-	1	1	-	-	2
11. Junior Technicians	-	1	1	1	5	8
12. Kharidar Typists	1	1	-	1	-	3
13. Junior Technical Assistants	-	1	1	4	10	16
14. Peons	1	2	-	1	-	4
*15. Overseers	-	2	-	-	-	2
*16. Drivers	1	3	1	1	1	7
	<u>4</u>	<u>16</u>	<u>6</u>	<u>9</u>	<u>16</u>	<u>51</u>

Note

- * indicates the positions not included in the PROPOSED PERSONNEL list. If the BOARD approve these positions the approved budget can still provide for their pay and allowance.
- The distribution of personnel as shown above adjusts all the positions listed in the PROPOSED PERSONNEL list, except the JTs & JTAs. Out of the total number of the JTs (10) and JTAs (50) only 8 JTs and 16 JTAs could have been adjusted.
- Abbreviations used above:
KO - Kathmandu Office of JADP

- PC - Project Centre of JADP
- HEF - Hardinath Extension Farm
- RMF - Rapti Model Farm
- MADO - Agriculture Development Office, Mahottari

4. Staff proposals for HEF and MADO are in addition to the existing staff working at present. The working staff number at present in these two offices is given in a separate list.

4. 青年協力隊員との協調に関する打合せ

ネパール農業開発計画協力に関する農業協力部と
日本青年海外協力隊事務局との確認事項について

昭和47年7月

ネパール農業開発計画は合意議事録に基づいて、派遣専門家および日本青年海外協力隊員との合同協力事業として実施されるが、本協力事業の実施にあたっては、次の事項に関し、関係部局で確認する。

1. 協力態勢の準拠規定

理事長達 昭和46年1月6日(総)第13号

「専門家と日本青年海外協力隊員との協力態勢について」を遵守する。

2. 協力内容

専門家と日本青年海外協力隊との協力事業は合意議事録の第1項 Rapti Model Farm を中心として実施される。

協力の内容は合意議事録および技術的事項に係る問題はそれぞれシニアアドバイザーおよびプロジェクトマネージャー(Rapti 担当専門家を含む)が、青年協力隊の理念をふまえつつ、協力隊調査員との緊密な連携の上、適切な指示および指導を行なうものとする。

但し、青年協力隊員の要請、派遣、身分、給与、帰国、延期延長等プロジェクト業務以外の事項については、協力隊調整員が必要に応じ、シニアアドバイザーと調整しつつ、処理するものとする。

なお本格協力期間に入って、実施される Janakpur Zone の普及事業の具体的な協力内容は今後の実施設計調査において明らかにされるので、協定締結後確認するものとする。

3. 報告

専門家の海外技術協力事業団に提出する報告書は青年協力隊員および協力隊調整員の閲覧に供するものとする。

一方プロジェクトに関連する協力隊調整員の日本海外青年協力隊事務局

に提出する報告書はシニアアドバイザーの閲覧に供するものとする。

4. 協 議

協力期間中において、双方に解決を要する問題が発生した場合にはその都度協議を行なってこれを確認するものとする。

協議結果

1. 山口アドバイザーの意見

- (1) 別紙確認事項は、現場の状況、意見等を聞いていない文書である。
- (2) 事業団理事長および協力隊事務局長と2つの命令系統が在るところに基本的な問題がある。
- (3) 「但し…」以下次のように訂正されたい。
「但し、青年協力隊員の要請、派遣、身分、給与、帰国、延期延長等の手続事項については協力隊調整員が……」
- (4) 3の報告については意味がない。

2. 大西調整員の意見

- (1) 判断の主体性が不明瞭でどう判断すべきか。
- (2) Projectに参加する場合は別に調整員をおくべきである。

3. 結 論

- (1) 大使館の調整不足
- (2) 両者の communication の不足
- (3) Project 側に liaison officer の派遣

想定される問題点	処 理 方 針
<p>3. カルカッタ港より Project Site までの輸送</p>	<p>し、検査するとのことで、ここに抜取り、破損等の問題がありそうで、監督者が licence をもって入ると、ストライキ、休日等で事務停滞とのこと。いづれにしても、港内は無政府状態に近く、州政府の管理が全くの不十分だそうである。</p> <p>(3) 必要日数</p> <p>入船前最低1週間の間必要書類で書類上の通関手続を完了させることが必要で Clearing Agency は1週間あれば処理可能と云っている。監督者がハッパをかけることが必要と思われる。</p> <p>すなわち荷揚げのときに、完結した必要書類が提出されれば、速やかに保税倉庫から輸送会社の倉庫への搬入が可能である。</p> <p>(4) Clearing Agency の選択</p> <p>Nepal 政府関係物資を扱っている Agency を選択することが必要条件</p> <p>例 Nepa Agency LTD</p> <p>(5) 倉庫料</p> <p>4日以上経過した場合に附加</p> <p>機材の種類による(別紙積算)</p> <p>必要書類が入港前1週間前に到着していれば、3日の内に輸送会社への倉庫への搬入が可能といわれている。</p> <p>一般に運送会社は Clearing Agency と contact されていて、Clearing Agency がいくつかの運送会社から必要なトラックを</p>

想定される問題点	処 理 方 針
<p>4. Bill of lading 等必要船積書類の送付</p>	<p>集めるようである。実際問題として、トラックを遊ばせておく運送会社はないわけで、通関と合せてトラックの arrange が必要で、信用ある Clearing Agency に頼むざるをえないだろう。</p> <p>運搬方法は当初心配されたコンテナトラック等の使用制限はなく open truck の使用が可能である。</p> <p>日本の港 → カルカッタ港までの所要航路日数は約 20 日前後と想定され、この場合 1 週間前にカルカッタに必要書類を到着させるためには、次のような行程が必要となる。</p> <p>出港（商社）－ O.T.C.A 5～6 日</p> <p>外務省承認、予備日 2 日</p> <p>O.T.C.A － Kathmandu 2 日（air による持参）</p> <p>Kathmandu ネパール政府内手続 3 日</p> <p>Kathmandu － Calcutta 1 日（air による持参）</p> <p>14 日</p>
<p>5. その他の問題点</p>	<p>概算陸送費</p>

カルカッタ・ジャナカプール間の機材の内陸輸送について(その2)

1. 機材の搬入ルートについて

1970年8月にインド、ネパール両国間で締結された“ The Treaty of Trade and Transit between the Government of India & H M G of Nepal. ”により決められている10カ所の通過地点のうち、本プロジェクトにより最適なのは、Calcutta - Raxaul - Birgunj - Janakpur の道路で、Calcutta - Jaynagar の径路は、列車利用のため現地での調査によれば、時間的にも数カ月を要し、また盗難にたいする安全は全く期しがたいため、利用できない。印・ネ間の輸送業者がCalcutta - Mokameh - Muzaffarpur - Sitamarhi - Sursand - Jaleshwar - Janakpur の通過径路がここ数カ月のうちに承認されるはずである旨、確信を持って話していたので、カルカッタでも通関業者に聞いてみたが、全く同じ事を話していた。このルートがインド・ネパール間で合意されれば最も早く、また機材の損傷を避けるという見地からも最良のルートとなろう。このルートについては、現在ジャナカプール居住のネパール人がインド側まで買物に出てきているとのことを島田専門家から聞いているのでより詳細な情報を同専門家に依頼中である。

Calcutta - Raxaul - Birgunj - Janakpurルートの欠点は、Birgunj - Janakpur 間が160Kmあり、ほど完成している東西ハイウェイを通るとは言っても、やはり機材の損傷または盗難の危険を一応考慮せねばならず、その点前記のJaleshwar - Janakpur ルートの方がより安全である。

2. カルカッタにおける日本商社の活動について

本体機材については、東京において一括入札に付し落札、商社と輸送契約を行ない、ネパールのプロジェクトサイドまで商社の責任で輸送せしめることとなるため、カルカッタにおける日本商社の活動について調査の必要があ

った。

カルカッタに支店を有する大手商社は下記のとおりであり、ほゞ当事業団の競争入札参加業者となっているので、購入・輸送については、契約相手方の問題はないが、2、3の商社にネパール向機材の取扱方について質問したところ、商業ベースの品物については、それがネパール向の商品であってもカルカッタで通関したのちにインド商人に引渡してしまい、取引がそこで完了している例が殆んどあり、本件については入札終了後、落札業者にカルカッタ・ジャナクプール間の輸送について十分に研究するよう指示する必要がある。

在カルカッタ大手商社	電 話
1. C. ITOH & CO., LTD.	22-7911, 2
2. MARUBENI CO., LTD.	22-2162
3. MITSUBISHI SHOJI KAISHA LTD.	44-3486 9
4. MITSUI & CO., LTD.	34-0096 9, 0090
5. NICHIMEN CO., LTD.	23-2616, 3497
6. NISSHO-IWAI CO., LTD.	22-6277 9
7. NOMURA TRADING CO., LTD.	
8. SUMITOMO SHOJI KAISHA LTD.	44-3180, 3189, 2621
9. TOYO MENKA KAISHA LTD.	23-8757, 5420

3. 機材のカルカッタ港における引取りについて

在カルカッタネパール国総領事館を訪問し、MR. K. P. Acharya, Commercial Attache, Customs Section に通関業者を紹介してくれるように依頼したところ、紹介するのは立場上出来ないが、リストアップは出来るということで、下記の各社の名前をあげたので、最初に名前のあがったM/S NEPA AGENCY, (P) LTD. (KATHMANDU)を訪問したが、その調査によればカルカッタ港における荷役は、陸揚げ場所がONE CONSIGNMENTであっても分れるケースがあり、手数料がかかるので、ネパール向機材について倉庫延滞料を払わずに引取るためにはH.M.G. of NEPALのIMPORT LICENCEを品目

別に分けて取ること、およびその一式書類を少くとも本船到着の一週間前に手交されるようにして欲しいとのことで、この条件が満されれば、必ず延滞料は支払わないで引取るとのことであった。なお、機材の引取費用は、およそ 20 RUPEE/TON が PORT CHARGES で AGENCY COMMISSION が CIF VALUE の 1% とのことであった。

1.	M/S NEPA AGENCY (PRIVATE) LTD.	KATHMANDU
2.	" ASIAN " "	" "
3.	" HIMAL " "	" "
4.	" THAPA & RELIANCE AGENCY (P) LTD.	" "
5.	" S.C.GHOSH & W.CALCUTTA LTD.	CALCUTTA
6.	" JAMES WARREN & CO., LTD.	" "
7.	" SEIKH & PANDIT CO. "	" "
8.	" HARSANDRY & DOSHI LTD.	" "

4. 輸送業者について

(1) カトマンズにおいて農業普及局の担当官シェレスタ氏の紹介で HEPAL CARRIERS LTD. のカトマンズ支店長及び次席と会い、輸送についてルート、トラックの調達等について質問したが、ルートについては前述のとおりであり、トラックの調達については、機材の到着について予定を知らせて欲しいとのことであった。事前に分ればトラックの調達がやり易いとのことである。トラックは一社だけからでなく他社からも調達することである。

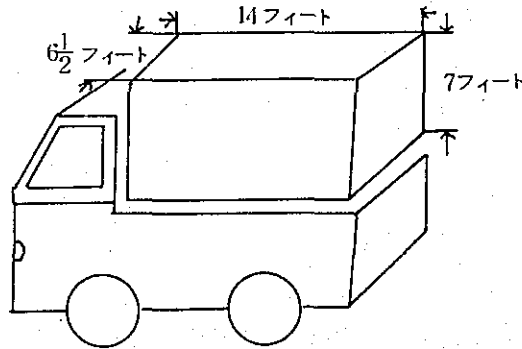
カルカッタにおいても NEPAL CARRIERS の本社を訪問したが、社長の MR.G.S. LOHIA の説明によれば、パイプ等は 20 フィート以下でなければいけないが、他のものについては、トラックにて輸送し得るし、トラックの荷造りの規定については、下記のとおりである旨、説明をうけた。輸送料については乗用車、JEEP、トラック、一般機械、化学肥料、薬品等のトータルで 300 RUPEE/TON で輸送を引受けてもよいとのことであった。輸送の日数は数日で十分とのことである。

途中の機材の損傷、盗難の有無について質問したが、保険求償すればよいではないかということで、やはり機材の輸送については、こちらの安全に輸送してプロジェクトの成功を期する意図は理解されなかった。

これがやはり、最重要な問題点となるため、この点については本件機材の取扱商社が決定した時点でO T C A、商社とも対策を研究する必要がある。

トラックの荷造りについて

(コンテナトラックの使用は強制的ではない。)



(2) 輸送業者については、上記シェレスタ氏に依頼し、業者の信用調査を行っている。

5. その他

機材の輸送について、各方面から得た情報を総合するのに、本プロジェクトにおいても最も注意しなければならないのは、抜荷の問題であり、カルカッタ港における抜荷が最も危険である。梱包は勿論、密閉梱包を多用するが梱包のみならず、通関業者の選定も十分に注意しなければならないので、取扱商社が決定した段階で、O T C A 商社とが密に連絡をとって、最善の方法を取らねばならない。

6. 第 1 回 J. A. D. B 会議議事録

JANAKPUR ZONE AGRICULTURE DEVELOPMENT PROJECT

BOARD MEETING

Nov. 19, 1972

The Janakpur Zone Agriculture Development Board, which was constituted as per the Notice Order published in the Nepal Gazette on September 18, 1972, held its first meeting on November 19, 1972 in the Ministry of Food, Agriculture and Irrigation, HMG., Singh Durbar at 2 p.m. under the chairmanship of the Secretary Mr. S.R. Sharma. Member present in the meeting are listed below.

Commencing the meeting of the Board the chairman Mr. S.R. Sherma welcomed all the members of the Board in the meeting and introduced the Nepalese Project Manager Mr. S.B. Nepali to all the members. The Chairman felt himself very delighted to confirm that full cooperation and coordination will be rendered to the Project from all concerned in order to fulfill the objectives of the Project to be implemented under the joint cooperation of His Majesty's Government and the Government of Japan.

Present in the meeting

1. Mr. S.R. Sharma, Secretary
Ministry of Food, Agriculture & Irrigation - Chairman
2. Mr. B.N. Rimal, Joint Secretary
Ministry of Food, Agriculture & Irrigation - member
3. Mr. N.B. Basnyat, Director General
Department of Agriculture - member
4. Mr. R.P. Sharma, Joint Secretary
Ministry of Finance - member
5. Mr. D.B. Raimajhi
Department of Irrigation & Hydrology - member
6. Mr. S.B. Nepali, Nepalese Project Manager
Janakpur Agriculture Dev. Project - " secretary

The following Japanese authorities were also present in the meeting:

1. Mr. Z. Yamaguchi, Senior Japanese Advisor
2. Mr. Sata, First Secretary
Embassy of Japan, Kathmandu

The meeting agreed upon the following:

1. Project name & Office

As already notified in the Nepal Gazette dated September 18, 1972 the agriculture development project to be implemented in the Janakpur Zone of Nepal under the joint cooperation of His Majesty's Government and the Government of Japan shall be named as "Janakpur Zone Agriculture Development Project". The letter-head and the official seal of the Project shall be adopted accordingly. The office of the Project centre will be located in Nakatajhiz Panchayat, Dhanusha district and the Liaison Office of the same will remain in Kathmandu.

2. Reorganisation of the Board

In accordance with the changes made in the organizational set-up of the Ministry of Food, Agriculture and Irrigation and the Departments therein the Board felt the necessity of making corresponding changes in the composition of the Janakpur Zone Agriculture Development Board. The reorganization of the same in the following manner is unanimously agreed upon.

Janakpur Zone Agriculture Development Board

- | | | |
|---|---|----------|
| 1. Secretary, Ministry of Food, Agriculture & Irrigation | - | Chairman |
| 2. Joint-Secretary, Planning & Coordination Division | | |
| Ministry of Food, Agriculture & Irrigation | - | Member |
| 3. Director General, Department of Agriculture | - | " |
| 4. Director General, Department of Irrigation & Hydrology | - | " |
| 5. Regional Director (Kath), Department of Agriculture | - | " |

- | | | |
|--|---|-----------|
| 6. Regional Director (Kath), Dept. of Irrigation & Hydrology | - | Member |
| 7. Representative, Ministry of Finance | - | " |
| 8. Nepalese Project Manager | - | " |
| | | secretary |

Advisors

9. Japanese Senior Advisor
10. Japanese Project Manager
11. An official of the Embassy designated by the Embassy of Japan, Kathmandu may attend the meeting of the Board as observer.

3. Board meeting

The Janakpur Zone Agriculture Development Board will generally meet in Kathmandu. The Board may also meet at the Project site as per the decision of the Board. The Board can meet as and when necessary.

4. The Project Budget

For the current fiscal year 1972/73 (2029/30) a budget of Rs. 13,22880/- has been approved for the Project and Rs. 222700/- for Hardinath Agriculture Farm. There is no budget approval made for Rapti Model Farm for this year and so the Board decided to spend the necessary amount from the Project budget for both the Rapti Model Farm and the Liaison Office in Kathmandu.

5. Project Construction

The design and estimates for the construction works of the Project in the Project Centre, Hardinath Agriculture Farm and the Rapti Model Farm are being done by the Department of Housing and Physical Planning. The Board was informed that, when contacted, the National Construction Company of Nepal expressed their inability to undertake the construction works of the Project and so the Board decided to undertake the job by means of private contractors.

6. Project Implementation

1. The Board decides that the implementation of the programme of the Project will be done in the whole Janakpur Zone, excluding the intensive agriculture development districts of Dhanusha and Sarlahi, Janakpur Agronomy Farm and the Janakpur Horticulture Farm in the zone and in the Rapti Model Farm, Yangnyapuri, Chitwan.
2. The implementation of the programme under the Project shall be done as approved by the Board.
3. The responsibility of the implementation of the programme as approved by the Board will rest on the Project Managers of the Project.
4. In keeping with the rules and regulations passed by the Board the Nepalese Project Manager can handle the administrative and management affairs concerning the implementation of the approved programme of the Project. Unless such rules and regulations of the Project prepared and except in the case of unanimously agreed and clearly mentioned matters the Nepalese Project Manager shall run the daily administrative jobs according to the Development Project Rule.
5. The Chairman or any member of the JADB or the Regional Director can make inspection visit to the Project.
6. The Nepalese Project Managers should submit the monthly progress report of the Project to the Chairman of the Board and to the Director General, Department of Agriculture. The quarterly and annual report shall also be submitted in the same way.

7. Positions and their fill-up

1. Necessary steps will be taken to fill up the approved positions of the Project. In case the positions could not be filled up necessary steps shall be taken, according to the prevailing rules and regulations to fulfill them by temporary recruitments for a period of six months.

2. The Board decides to maintain a Liaison Office of the Project in Kathmandu and also confers its approval to create a position of Liaison Officer (Gazetted Administrative III class).
3. In order to prepare the designs, estimates and supervise the construction works of the Project the Board approves the creation of a position of Civil Engineer (Gazetted Technical II class) for a period of three years.

8. Project allowance

Regarding the grant of project allowance the Board thinks it appropriate to consult the Ministry of Finance and to consider the case in the next meeting.

9. Hardinath Agri. Farm & Rapti Model Farm

The Board decides to bring Hardinath Agriculture Farm of Janakpur and Rapti Model Farm of Chitwan under the Janakpur Zone Agriculture Development Project and carry out the programme accordingly.

APPENDIX - I

List of Approved Positions for the Project

<u>Administrative</u>	<u>Project Centre</u>	<u>RMF</u>	<u>HEF</u>
1. Non Gazetted I	1	-	-
2. Non Gazetted II	3	1	-
3. Peon	5	5	13
<u>Technical</u>			
1. Gazetted I	1	-	-
2. Gazetted II	3	-	-
3. Gazetted III	4	1	2
4. Non Gazetted I	4	-	3
5. Non Gazetted II	12	2	2
6. Non Gazetted III	4	2	-
7. Non Gazetted IV	2	1	-

Note: The administrative positions for the Project as a whole seem inadequate.

APPENDIX - II

Budget approved for Janakpur Project and Hardinathe Agriculture Farm
and the budget for RMF to be borne by Project Budget

	<u>Janakpur Project</u>	<u>HEF</u>	<u>RMF</u>
1. Salary	214860	124004	42000
2. Allowance	135820	-	16000
3. T.A.D.A.	100000	5000	5000
4. Service	20000	500	1000
5. Rent	20000	500	1000
6. Repair maintenance			
6.1 Wages	15000	-	
6.2 Maintenance	10000	-	
7. Non-durable goods			
7.1 Office goods	15000	1000	1000
7.2 Books etc.	2000	1000	500
7.3 Fuel			
7.3.1 for vehicle	90000	20000	20000
7.3.2 for other purpose	5000	5000	3000
7.4 Apron	-	1000	-
7.5 Other goods	20000	40000	12000
8. Subsidy etc.	-	-	-
9. Contingency	10000	200	500
10. Durable goods			
10.1 Office furniture	50000	2000	2000
10.2 Vehicles etc.	50000	-	-
10.3 Machines & tools	-	-	-
11. Purchase			
11.1 House purchase	-	-	-
11.2 Land purchase	70000	-	-
12. Building construction	500000	-	159000
	<u>1322680</u>	<u>222700</u>	<u>307800</u>

Note :

1. There is no separate budget approved for the Rapti Model Farm and so the Board decides to spend the allotted amount

as shown above for the farm out of the Project Budget.

2. Since the Rapti Model Farm and the Hardinath Agriculture Farm come under the Project the project allowance for both the farms should be borne by Project Budget (to be considered later in the next meeting).
3. All expenses of the Liaison Office, Kathmandu shall be borne out of the Project Budget.

