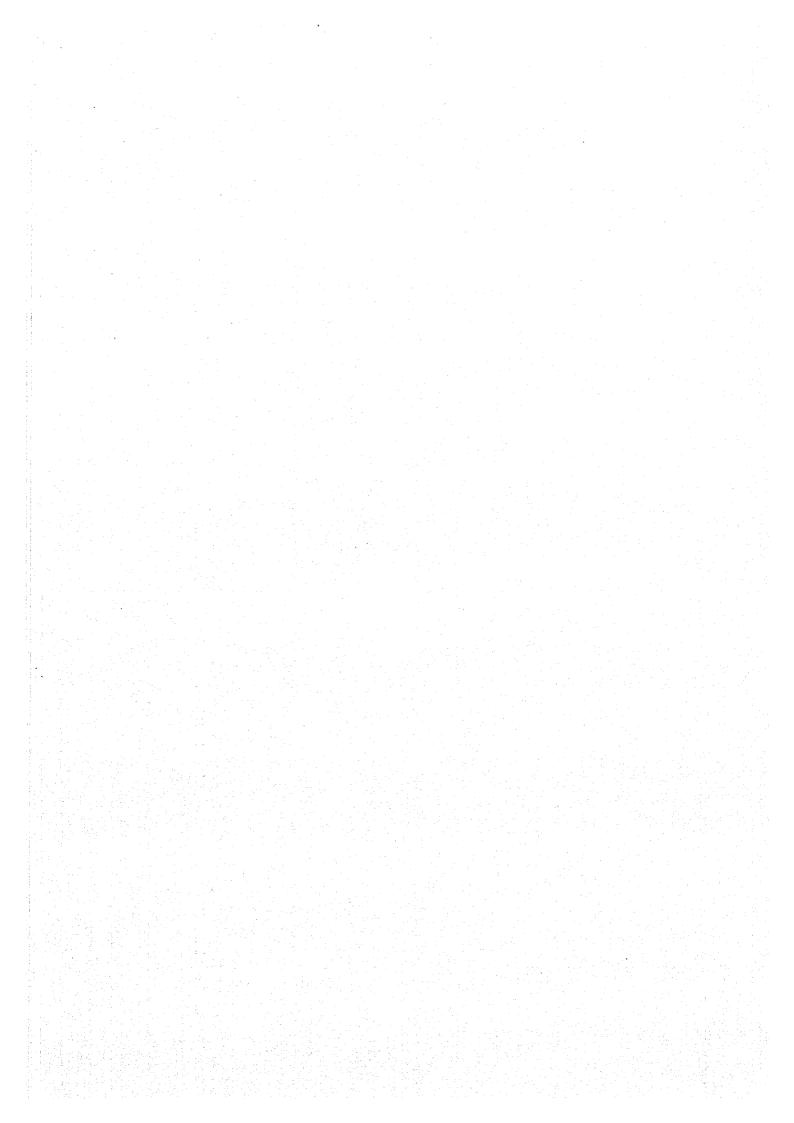


Appendices

- Member List of the Survey Team
 Survey Schedule
 List of Party Concerned in Lao
 Minutes of Discussion

- 5. Study data



Appendix-1 Members of the Survey Team

(a) For the Study of First Stage

(a) for the stady of this stage					
Mr. Nobuhiko HANAZATO	Team Leader	Grant Aid Study Department, JICA			
Mr. Akihiko HIROTANI	Chief Consultant / Bridge Planner	Oriental Consultants Co., Ltd.			
Mr. Kazuo YANAGIDA	Bridge Designer	Oriental Consultants Co., Ltd.			
Mr. Keigo KONNO	Construction Planner / Cost Estimator	Oriental Consultants Co., Ltd.			
Mr. Yoshihiro DAICHO	Geological Surveyor	Japan Overseas Co., Ltd.			
Mr. Masami FUKUDA	Topographic Surveyor	Oriental Consultants Co., Ltd.			
Mr. Takashi INOUE	River /Hydrological Surveyor	Japan Overseas Co., Ltd.			

(b) For the Study of Second Stage

(b) 1 of the Blady of Becond Blage				
Mr. Satosi UMENAGA	Team Leader	Grant Aid Study Department, JICA		
Mr. Akihiko HIROTANI	Chief Consultant / Bridge Planner	Oriental Consultants Co., Ltd.		
Mr. Kazuo YANAGIDA	Bridge Designer	Oriental Consultants Co., Ltd.		
Mr. Keigo KONNO	Construction Planner / Cost Estimator	Oriental Consultants Co., Ltd.		
Mr. Takashi INOUE	River /Hydrological Surveyor	Japan Overseas Co., Ltd.		

(c) For Explanation Draft Final Report

(c) I of Interest Diagonal Diagonal					
Mr. Makoto HANAOKA	Team Leader	Grant Aid Division, Bureau of			
		Economic cooperation, Ministry			
		of Foreign Affairs			
Mr. Akihiko HIROTANI	Chief Consultant /	Oriental Consultants Co., Ltd.			
	Bridge Planner	,			
	Dridge r lamier				
Mr. Kazuo YANAGIDA	Bridge Designer	Oriental Consultants Co., Ltd.			
		011011011 0011011101 001, 200.			
M- IZ-: IZONINIO	O- / / Di	0: 130 1: 10 7:1			
Mr. Keigo KONNO	Construction Planner /	Oriental Consultants Co., Ltd.			
	Cost Estimator				

Appendix-2 Survey Schedule

(a) For the Study of First Stage

No	Date	Day	Accommodatio n	Activities	
1	2/2	Sun.	Bangkok	Tokyo-Bangkok TG641 (10:30-15:30)	
2	2/3	Mon.	Vientiane	Bangkok-Vientiane TG690 (10:30-11:40) (3 consultants: Hirotani, Konno, Daicho) JICA Office, Courtesy call at authorities concerned (MCTPC and Embassy of Japan) (1 official: Hanazato + 3 consultants: Hirotani, Konno, Daicho)	
3 ↓	2/4	Tue,	Pakxe Vientiane	To Site survey Pakxe QV300(8:20-9:04) (1 consultant: Daicho) Meeting concerning the Inception Report (1 official: Hanazato +2 consultants: Hirotani, Konno)	
4	2/5	Wed.	Pakxe Vientiane	Continue Investigation in Pakxe (1 consultant: Daicho) Meeting concerning the National Road 13 at ADB, IDA, etc. (1 official: Hanazato + 2 consultants: Hirotani, Konno)	
5	2/6	Thu.	Pakxe Vientiane	Signing of Minutes of Discussion, Courtesy call to Embassy of Japan (1 official: Hanazato +2 consultants: Hirotani, Konno)	
6	2/7	Fri.	Bangkok Pakxe	(1 official: Hanazato) QV415 (14:00-15:00) To Site Survey QV302(11:35-12:55) (2 consultants: Hirotani, Konno)	
7	2/8	Sat.	Pakxe	Continue Investigation (3 consultants: Hirotani, Konno, Daicho)	
8	2/9	Sun.	Bangkok .	Tokyo-Bangkok JL717(11:00-15:55) (1 consultant: Fukuda)	
9	2/10	Mon.	Vientiane	Bangkok-Vientiane TG690(10:30-11:40) (1 consultant: Fukuda)	
10	2/11	Tue.	Savanakhe t	Vientiane-Savanakhet (1consultant: Fukuda)	
11	2/12	Wed.	Bangkok	Tokyo-Bangkok JL717(11:00-15:55) (1 consultant: Yanagida)	
12	2/13	Thu.	Savanakhe t	To Site Survey (1 consultant: Yanagida)	
13 ↓ 15	2/14 ↓ 2/16	Fri. ↓ Sun.	Savanakhe t ↓ Bangkok	Continue Investigation (5 consultants: Hirotani, Yanagida, Konno, Daicho, Fukuda) Tokyo-Bangkok JL717(11:00-15:55) (1 consultant: Inoue)	
16	2/17	Mon.	Vientiane	Vientiane-Bangkok TG690(10:30-11:40) (1 consultant: Inoue) Discussion at IDA (5 consultants: Hirotani, Yanagida, Konno, Fukuda, Inoue)	

No	Date	Day	Accommodatio	Activities	
17	2/18	Tue.	Vientiane	Meeting at JICA Office, Courtesy call at Embas (5 consultants: Hirotani, Yanagida, Konno, Fuk	
18	2/19	Wed.	Vientiane	Meeting at MCTPC (5 consultants: Hirotani, Yanagida, Konno, Fukuda, Inoue)	
19	2/20	Thu.	On Plane	Vientiane-Bangkok (1 consultant: Hirotani)	TG691(12:00-13:45)
20	2/21	Fri.	on Plane	Bangkok-Tokyo (1 consultant: Hirotani)	JL718(22:50-6:20)
21 ↓ 27 ↓	2/22 ↓ 3/1 ↓	Sat. ↓ Fri. ↓	Savanakhe t on Plane	Continue Investigation (5 consultants: Hirotani, Yanagida, Konno, Fuki Vientiane-Bangkok Bangkok-Tokyo (1 Consultant: Inoue)	uda, Inoue) TG691(12:40-13:45) JL718(22:50-6:20)
38	3/11	Tue.	Vientiane	Meeting at JICA Office, Courtesy call at Embassy of Japan and other authorities concerned MCTPC (3 consultants: Yanagida, Konno, Daicho)	
39	3/12	Wed.	on Plane	Vientiane-Bangkok (3 consultants: Yanagida, Konno, Daicho)	TG691(12:40-13:45)
40 ↓	3/13 ↓	Thu. ↓	on Plane ↓	Bangkok-Tokyo (3 consultants: Yanagida, Konno, Daicho)	JL718(22:50-6:20)
46	3/19	Wed.	Savanakhe t	Close Office (1 consultant: Fukuda)	
47	3/20	Thu.	Vientiane	Close Office, Courtesy Call at JICA, Embassy of Japan and other authorities.	
48	3/21	Fri.	Bangkok	Vientiane-Bangkok	TG691(12:40-13:45)
49	3/22	Sat.	Bangkok	Collect of Survey and Soil Data	
50	3/23	Sun.	Bangkok	Data arrangement of Survey and Soil Data	
51 52	3/24 3/25	Mon. Tue.	On Plane	Bangkok-Tokyo Arrive at Tokyo	JL718(22:50-6:20)

(b) For the Study of Second Stage

3 T1 4 F1 5 S2	'hu. Vi 'ri. Ti Vi at. Sa Vi	entiane nahkek entiane vanahket entiane	Tokyo-Bangkok (1 official: Umenaga+ 4 consultants: Hirotani, Yanagida, Konno, Inoue) Bangkok-Vientiane (1 official: Umenaga+ 4 consultants: Hirotani, Yanagida, Konno, Inoue) JICA Office, Courtesy call at authorities concerned (MCTPC and Embassy of Japan) To Site survey Tahkek (1 consultant: Inoue) Meeting concerning the Draft Report(1) at MCTPC (1 official: Umenaga +3 consultants: Hirotani, Yanagida, Konno) Continue Investigation in Tahkek and Savanahket (1 consultant: Inoue) Collecting Data (1 official: Umenaga +3 consultants: Hirotani, Yanagida, Konno) Continue Investigation in Tahkek and Savanahket	
4 Fr	ri. Th Vi at. Sa Vi un. Sa	nahkek entiane ivanahket entiane	(1 official: Umenaga+ 4 consultants: Hirotani, Yanagida, Konno, Inoue) JICA Office, Courtesy call at authorities concerned (MCTPC and Embassy of Japan) To Site survey Tahkek (1 consultant: Inoue) Meeting concerning the Draft Report(1) at MCTPC (1 official: Umenaga +3 consultants: Hirotani, Yanagida, Konno) Continue Investigation in Tahkek and Savanahket (1 consultant: Inoue) Collecting Data (1 official: Umenaga +3 consultants: Hirotani, Yanagida, Konno) Continue Investigation in Tahkek and Savanahket	
5 S2	at. Sa Vi un. Sa	entiane vanahket entiane vanahket	Meeting concerning the Draft Report(1) at MCTPC (1 official: Umenaga +3 consultants: Hirotani, Yanagida, Konno) Continue Investigation in Tahkek and Savanahket (1 consultant: Inoue) Collecting Data (1 official: Umenaga +3 consultants: Hirotani, Yanagida, Konno) Continue Investigation in Tahkek and Savanahket	
3 St	Vi un. Sε	entiane vanahket	(1 consultant: Inoue) Collecting Data (1 official: Umenaga +3 consultants: Hirotani, Yanagida, Konno) Continue Investigation in Tahkek and Savanahket	
			Continue Investigation in Tahkek and Savanahket	
7 M			(1 consultant: Inoue) Collecting Data (1 official: Umenaga +2 consultants: Hirotani, Konno) Vientiane-Bangkok(1 consultant: Yanagida)	
	ſ	kxe entiane	To Site survey Pakxe (1 consultant: Inoue) Meeting concerning the Draft Report(1) at MCTPC (1 official: Umenaga +2 consultants: Hirotani, Konno)	
3 Tu		kxe entiane	Continue Investigation in Pakxe and Savanahket (1 consultant: Inoue) Signing of Minutes of Discussion (1 official: Umenaga +2 consultants: Hirotani, Konno) Vientiane-Bangkok(1 consultant: Hirotani) Meeting concerning the Road Profile at CDRI (1 official: Umenaga +1 consultant: Konno)	
) W	1	vanahket entiane	Continue Investigation in Savanahket (1 consultant: Inoue) Meeting concerning the Draft Report(1) at MCTPC JICA Office, Courtesy call at Embassy of Japan (1 official: Umenaga +1 consultant: Konno)	
10 Th		vanahket Plane	Continue Investigation in Savanahket (1 consultant: Inoue) Vientiane-Bangkok(1 official: Umenaga +1 consultant: Konno) TG691(12:30-13:40) Bangkok-Tokyo (1 official: Umenaga +1 consultant: Konno)	
1 Fr	ri. Vie	entiane	JL718(22:30-06:20) Arrival at Tokyo (1 official: Umenaga +1 consultant: Konno) Savanahket-Vientiane (1consultant: Inoue)	
		entiane	Collectimg Data (1consultant: Inoue)	
	lon. Vie ue Ba	ngkok	JICA Office, Courtesy call at Embassy of Japan (1 consultant: Inoue) Vientiane- Bangkok(1consultant:Inoue) Bangkok-Tokyo Arrival at Tokyo JL718(22:30-06:20)	
	2 S: \$\frac{1}{2}\$ \$\frac{1}{2	1 Fri. Vie 2 Sat. Vie 3 Sun. 4 Mon. Vie 5 Tue Ba	2 Sat. Vientiane 3 Sun. 4 Mon. Vientiane 5 Tue Bangkok on Plane	

(c) For Explanation Draft report

No	Date	Day	Accommodation	Activities
1	8/17	Sun.	Bangkok	Tokyo-Bangkok NH915 (16:30-20:30) (1 official: Hanaoka+ 3 consultants: Hirotani, Yanagida, Konno)
2	8/18	Mon.	Vientiane	Bangkok-Vientiane TG690 (10:30-11:40) (1 official: Hanaoka+ 3 consultants: Hirotani, Yanagida, Konno) JICA Office, Courtesy call at authorities concerned (MCTPC and Embassy of Japan)
3	8/19	Tue.	Vientiane	Meeting concerning the Draft Report(2) at MCTPC and CDRI (1 official: Hanaoka+3 consultants: Hirotani, Yanagida, Konno)
4	8/20	Wed.	Thahkek Vientiane	To Site survey Tahkek(1 official: Hanaoka+ 3 consultants: Hirotani, Yanagida, Konno)
5	8/21	Thu.	Vientiane	Meeting concerning the Draft Report(2) at MCTPC (1 official: Hanaoka+3 consultants: Hirotani, Yanagida, Konno)
6	8/22	Fri.	Vientiane	Signing of Minutes of Discussion (1 official: Hanaoka +2 consultants: Hirotani, Yanagida,Konno) JICA Office, Courtesy call at Embassy of Japan
7	8/23	Sat.	Vientiane on Plane	JICA Office, Courtesy call at Embassy of Japan (1 official: Hanaoka +2 consultants: Hirotani, Yanagida,Konno) Vientiane-Bangkok TG691(12:30-13:40) Bangkok-Tokyo JL718(22:30-06:20)
8	8/24	Sun.		Arrival at Tokyo

Appendix-3 List of Party Concerned in the Laotian Side

	Name		Position
1	Mr.P.Bounnaphpl	Minister	Ministry of Communication, Transport, Post and Construction
2 .	Mr.K.Sidlakone	Vice Minister	Ministry of Communication, Transport, Post and Construction
3	Mr.S.Pholsena	Director of Communication Department	Ministry of Communication, Transport, Post and Construction
4	Mr.B.Sinthavong	Deputy Director of Communication Department	Ministry of Communication, Transport, Post and Construction
5	Mr.O.Phaduangdeth	Head of Planning-Technical Division	Ministry of Communication, Transport, Post and Construction
6	Mr.S.Pakdimounivongs	Project Manager of Pakse Mekong Bridge	Ministry of Communication, Transport, Post and Construction
7	Mrs.C.Souligno	International Relations Division	Ministry of Communication, Transport, Post and Construction
8	Mrs.A.Bounnaphol	Deputy Director	Sawannakhet Province Division of Communication, Transport, Post and Construction

Appendix-4 Minutes of Discussion

(a) For the Study of First Stage

Minutes of Discussions on The Basic Design Study

The Project for Reconstruction of Bridges on the National Road Route 13, Phase II in The Lao People's Democratic Republic

In response to a request from the Government of the Lao People's Democratic Republic (hereinafter referred to as "the Lao PDR"), the Government of Japan decided to conduct a Basic Design Study on the Project for Reconstruction of Bridges on the National Road Route 13, Phase II (hereinafter referred to as "the Project") in the Lao PDR, and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to the Lao PDR the Basic Design Study Team (hereinafter referred to as "the Study Team") headed by Mr. Nobuhiko Hanazato, Second Project Study Division, Grant Aid Project Study Department, JICA, which is scheduled to stay in the country from February 3 to March 24, 1997.

The Study Team held a series of discussions with the concerned officials of the Lao PDR.

As a result of discussions, both parties have confirmed the main items described in the attached sheets.

Vientiane, February 6, 1997

Nobuhiko HANAZATO

Leader

Study Team

JICA 🛷

Sommad PHOLSENA

Director

Communication Department

MCTPC

ATTACHMENT

1. OBJECTIVE

The objective of the Project is to construct permanent bridges on NR 13 which is the most important trunk road directly connecting southern provinces with Vientiane bearing heavy trade traffic. The Project will accompany various intangible benefit that will contribute to the development and well-being of the region in and around the project area, and also will contribute to forming a prospective transportation network in Indochina and greater Mekong sub-region.

2. PROJECT IMPLEMENTING AGENCY

The Ministry of Communication, Transport, Post and Construction is responsible for the administration and execution of the Project.

3. PROJECTSITE

The sites of the proposed bridges are shown in Annex-1.

4. MAJOR ITEMS REQUESTED BY THE LAO PDR SIDE

After a series of discussions, the bridges listed in Annex-2 are finally requested by the Lao PDR side.

However, the bridges to be covered under the Project will be subject to the further studies.

5. ROADALIGNMENT

1) Centerline

Modification of the road centerline shall be suggested to the Lao PDR side by the end of February 1997, to be incorporated into the detailed design of the IDA Project.

2) Profile

The result of the analysis and modification of the road profile shall be informed by the end of July 1997, to be incorporated into the addendum of the Contract Document of the IDA Project which contract is scheduled to be offered in October, 1997.

6. JAPANESE GRANT AID PROGRAMME

The Lao PDR side has understood the system of Japanese Grant Aid Programme explained in Annex-3.

7. NECESSARY MEASURES TO BE TAKEN BY THE LAO PDR SIDE

The Lao PDR side will take necessary measures described in Annex-4 for smooth implementation of the Project on condition that the Grant Aid by the Government of Japan is extended to the Project.

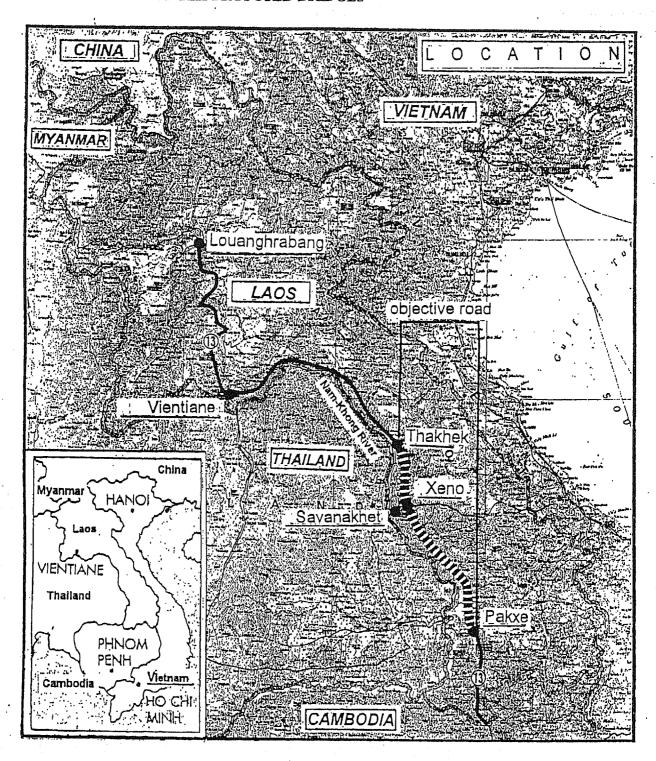
& FURTHER SCHEDULE OF THE STYDY

- 1) The Study Team will proceed to further studies in the Lao PDR, until March 24, 1997.
- 2) Based on the results of the analysis and discussions in Japan, JICA will prepare the Draft Basic Design Report (1) and dispatch a team in the beginning of July 1997 in order to explain on the



- outline of the Basic Design and to conduct survey on the various conditions during the rainy season.
- 3) Based on the results, JICA will prepare the Draft Basic Design Report (2) and dispatch a team in the end of August 1997 in order to confirm the contents.
- JICA will complete the Basic Design Study Report and forward it to the Lao PDR by November 1997.

ANNEX-1: THE SITE OF THE PROPOSED BRIDGES



ANNEX-2:THE LIST OF BRIDGES

City	Number	Bridge	Existing
Name		Name	Bridge Length(m)
Thakhek	1	TX No.1	15.50
, martinoit	2	TX No.2	15.50
	3	TX No.3	7.00
	4	TX No.4	20.00
	5	TX No.5	18.00
1	6	TX No.6	12.00
	7	TX No.7	15.00
	8	TX No.8	12.50
	9	TX No.9	27.50
	10	TX No.10	21.50
	11	TX No.11	25.00
	12	TX No.13	30.00
1	13	TX No.14	20.00
Xeno	14	TX No.15	70.00
Xeno	15	XP No.1	9.20
	16	XP No.2	54.70
]	17	XP No.3	18.30
	18	XP No.5	36.60
	19	XP No.7	21.30
	20	XP.No.8	9.20
	21	XP No.9	21.40
}	22	XP No.10	45.80
Ì	23	XP No.11	21.40
	24	XP No.12	15.30
	25	XP No.13	18.30
	26	XP No.14	21.40
	27	XP No.15	24.40
	28	XP No.16	21.40
	29	XP No.17	21.40
	30	XP No.18	21.40
	31	XP No.19	27.50
	32	XP No.20	18.30
1	33	XP No.21	27.50
	34	XP No.22	18.30
	35	XP No.23	18.30
,	36	XP No.24	15.30
	37	XP No.25	18.30
	38 39	XP No.26	18.30
		XP No.27	36.60
	40 41	XP No.28 XP No.29	48.80
	41	XP No.30	42.30
	43	XP No.31	21.40
	44	XP No.32	15.00
	45	XP No.32 XP No.33	15.30
	46	XP No.34	15.30 12.10
	47	XP No.35	12.10
	47	XP No.36	12.20 27.50
	49	XP No.37	21.40
	50	XP No.38	18.30
Pakxe	51	XP No.39	
Fakke	31	VL 140.92	18.30

ANNEX-3: JAPANESE GRANT AID PROGRAMME

Grant Aid Procedures

Japan's Grant Aid Program is executed through the following procedures.

Application

(Request made by a recipient country)

Study

(Basic Design Study conducted by JICA)

Appraisal & Approval (Appraisal by the Government of Japan and Approval

by Cabinet)

Determination of

(The Notes exchanged between the Governments of

Implementation

Japan and the recipient country)

2) Firstly, the application or request for a Grant Aid project submitted by a recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to determine whether or not it is eligible for Grant Aid. If the request is deemed appropriate, the Government of Japan assigns JICA (Japan International Cooperation Agency) to conduct a study on the request.

Secondly, JICA conducts the study (Basic Design Study), using (a) Japanese consulting firm(s).

Thirdly, the Government of Japan appraises the project to see whether or not it is suitable for Japan's Grant Aid Program, based on the Basic Design Study report prepared by JICA, and the results are then submitted to the Cabinet for approval.

Fourthly, the project, once approved by the Cabinet, becomes official with the Exchange of Notes signed by the Governments of Japan and the recipient country.

Finally, for the implementation of the project, JICA assists the recipient country in such matters as preparing tenders, contracts and so on.

2. Basic Design Study

1) Contents of the Study

The aim of the Basic Design Study (hereinafter referred to as "the Study"), conducted by IICA on a requested project (hereinafter referred to as "the Project") is to provide a basic document necessary for the appraisal of the Project by the Japanese Government. The contents of the Study are as follows:

- a) Confirmation of the background, objectives, and benefits of the requested project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation,
- b) Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from a technical, social and economic points of view,
- c) Confirmation of items agreed on by both parties concerning the basic concept of the Project,
- d) Preparation of a basic design of the Project, and
- e) Estimation of costs of the Project.

The contents of the original request are not necessarily approved in their initial form as the contents of the Grant Aid project. The Basic Design of the Project is confirmed considering the guidelines of Japan's Grant Aid Scheme.

The Government of Japan requests the Government of the recipient country to take whatever measures are necessary to ensure its self-reliance in the implementation of the Project. Such measures must be guaranteed even though they may fall outside of the jurisdiction of the organization in the recipient country actually implementing the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country through the Minutes of Discussions.

2) Selection of Consultants

For smooth implementation of the Study, JICA uses (a) registered consultant firm(s). JICA selects (a) firm(s) based on proposals submitted by interested firms. The firm(s) selected carry(ies) out a Basic Design Study and write(s) a report, based upon terms of reference set by JICA.

The consulting firm(s) used for the Study is (are) recommended by JICA to the recipient country to also work on the Project's implementation after the Exchange of Notes, in order to maintain technical consistency and also to avoid any undue delay in implementation should the selection process be repeated.

لمريم

3. Japan's Grant Aid Scheme

1) What is Grant Aid?

The Grant Aid Program provides a recipient country with non-reimbursable funds to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) for economic and social development of the country under principles in accordance with the relevant laws and regulations of Japan. Grant Aid is not supplied through the donation of materials as such.

2) Exchange of Notes (E/N)

Japan's Grant Aid is extended in accordance with the Notes exchanges by the two Governments concerned, in which the objectives of the Project, period of execution, conditions and amount of the Grant Aid, etc., are confirmed.

3) "The period of the Grant Aid" means the one fiscal year which the Cabinet approves the Project for. Within the fiscal year, all procedures such as exchanging of the Notes, concluding contracts with (a) consultant firm(s) and (a) contractor(s) and final payment to them must be completed.

However in case of delays in delivery, installation or construction due to unforeseen factors such as weather, the period of the Grant Aid can be further extended for a maximum of one fiscal year at most by mutual agreement between the two Governments.

4) Under the Grant Aid, in principle, Japanese products and services including transport or those of the recipient country are to be purchased.

When the two Governments deem it necessary, the Grant Aid may be used for the purchase of the products or services of a third country.

However the prime contractors, namely, consulting, constructing and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means persons of Japanese nationality or Japanese corporations controlled by persons of Japanese nationality.)

5) Necessity of "Verification"

The Government of recipient country or its designed authority will conclude contracts denominated in Japanese yen with Japanese nationals. Those contracts shall be verified by the Government of Japan. This "Verification" is deemed necessary to secure accountability to Japanese taxpayers.

6) Undertakings required of the Government of the Recipient Country

المخرم

In the implementation of the Grant Aid project, the recipient country is required to undertake such necessary measures as the following:

- (1) To secure land necessary for the sites of the Project and to clear, level and reclaim the land prior to commencement of the construction,
- (2) To provide facilities for the distribution of electricity, water supply and drainage and other incidental facilities in and around the sites,
- (3) To secure buildings prior to the procurement in case the installation of the equipment,
- (4) To ensure all the expenses and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid,
- (5) To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the Verified Contracts,
- (6) To accord Japanese nationals whose services may be required in connection with the supply of the products and services under the Verified contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work,
- (7) "Proper Use",

The recipient country is required to maintain and use the facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for this operation and maintenance as well as to bear all the expenses other than those covered by the Grant Aid.

- (8) "Re-export", and
 The products purchased under the Grant Aid should not be re-exported from the recipient country.
- (9) Banking Arrangements(B/A).
 - a) The Government of the recipient country or its designated authority should open an account in the name of the Government of the recipient country in an authorized foreign exchange bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by the Government of the recipient country or its designated authority under the Verified Contracts.
 - b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an authorization to pay issued by the Government of the recipient country or its designated authority.

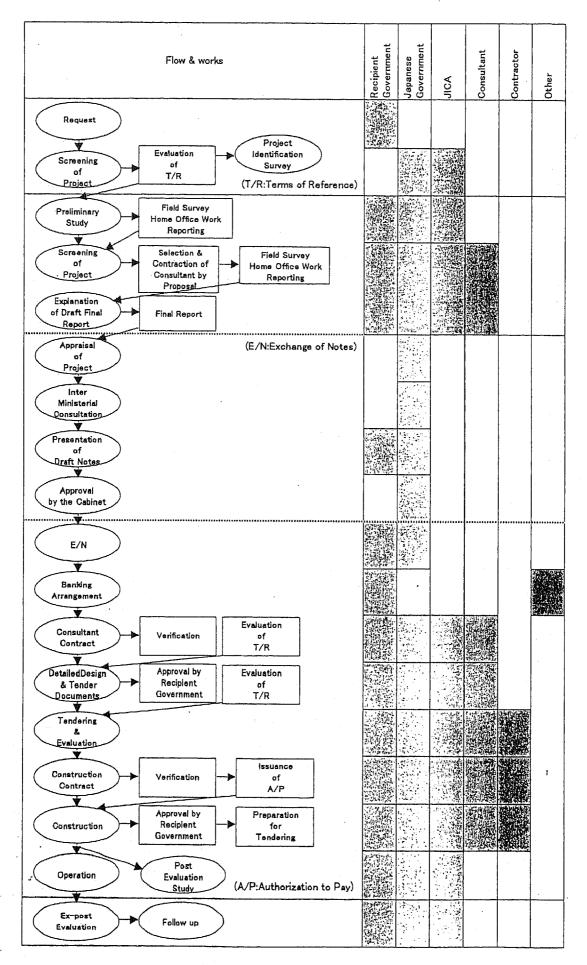


Fig-1 Flow Chart of Japan's Grant Aid Procedures



No.	items	To be covered by Grant Aid	To be covered by Recipient Side
1	To secure land	<u></u>	•
2	To clear, level and reclaim the site when needed		. 6
3	To construct gates and fences in and around the site		0
4	To construct the parking lot	0	
5	To construct roads		
	1) Within the site	0	
	2) Outside the site		•
6	To construct the buildings	0	
7	To provide facilities for the distribution of electricity, water supply, drainage and other incidental facilities		
	1) Electricity		
	a. The distributing line to the site		0
	b. The drop wiring and internal wiring within the site	•	
\dashv	c. The main circuit breaker and transformer	•	
	2) Water Supply		
	a. the city water distribution main to the site		•
	b. the supply system within the site (receiving and elevated tanks)	•	
	3) Drainage		
-	a. The city drainage main (for storm, sewer and others) to the site b. The drainage system (for toilet sewer, ordinary waste, storm drainage and others) within the site		
	4) Gas Supply		
	a. The city gas main to the site		
	b. The gas supply system within the site		
	5) Telephone system		<u> </u>
	a. The telephone trunk line to the main distribution frame/panel (MDF) of the building		
	b. The MDF and the extension after the frame/panel		
	6) Furniture and Equipment		
	a. General furniture		
	b. Project equipment	0	_
8	To bear the following commissions to the Japanese foreign exchange bank for the banking services based upon the B/A	l l	
	1) Advising commission of A/P		0
	2) Payment commission		0
9	To ensure unloading and customs clearance at port of disembarkation in recipient country		
	1) Marine (Air) transportation of the products from Japan to the recipient country	•	
	2) tax exemption and custom clearance of the products at the port of disembarkation		•
	3) Internal transportation from the port of disembarkation to the project site		•
	To accord Japanese nationals whose services may be required in connection with the supply of the products		1
10	and the services under the verified contact such facilities as may be necessary for their entry into the		
	recipient country and stay therein for the performance of their work.		•
11	To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the supply of the products and services under the verified contracts.		•
12	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant.		•
13	To bear all the expenses, other than those to be borne by the Grant, necessary for construction of the facilities as well all for the transportation and installation of the equipment. Fig. 2. Major I Indertaking to be taken by Each Government.		•

Fig-2 Major Undertaking to be taken by Each Government



ANNEX-4: NECESSARY MEASURES TO BE TAKEN BY THE LAO PDR SIDE

Following necessary measures should be taken by the Lao PDR side on condition that the Grant Aid by the Government of Japan is extended to the Project:

- 1. To provide data and information necessary for the Project.
- 2. To secure the land necessary for the execution of the Project, such as the land for bridge, temporary offices, working areas, storage yards and others.
- 3. To clear the sites prior to the commencement of the construction including detection and removal of the land mines if required.
- 4. To make passable all roads and bridges leading to the Project sites before the commencement of inland transportation of materials and equipment.
- 5. To bear commissions to the Japanese foreign exchange bank for its banking services based upon the Banking Arrangement, namely the advising commission of the "Authorization to Pay" and payment commission.
- 6. To ensure prompt unloading, tax exemption, customs clearance at the port of disembarkation in the Lao PDR and prompt internal transportation therein of the materials and equipment for the Project purchased under the Grant Aid.
- 7. To exempt Japanese juridical and physical nationals engaged in the Project from customs duties, internal taxes and other fiscal levies which may be imposed in the Lao PDR with respect to the supply of the products and services under the verified contracts.
- 8. To accord Japanese nationals whose services may be required in connection with the supply of the products and the services under the verified contract such facilities as may be necessary for their entry into the Lao PDR and stay therein for the performance of their work.
- 9. To Provide necessary permissions, licenses and other authorizations for implementing the Project, if necessary.
- 10. To maintain and use properly and effectively the facilities constructed under the Project.
- 11. To coordinate and solve any issues related to the project which may be raised from third parties or inhabitants in the Project area during implementation of the Project.

(b) For the Study of Second Stage

Minutes of Discussions

on

The Basic Design Study

on

The Project for Reconstruction of Bridges on the National Road Route 13, Phase II

in

The Lao People's Democratic Republic

From February to March 1997, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study team on The Project for Reconstruction of Bridges on the National Road Route 13, Phase II (hereinafter referred to as "the Project") to the Lao People's Democratic Republic (hereinafter referred to as "the Lao PDR"), and through discussions and field survey in the Lao PDR; and technical examination of the results in Japan, has prepared the Draft Basic Design report (1) of the study.

In order to explain and to consult the Government of the Lao PDR on the components of the Draft Basic Design Report (1), and conduct the additional field survey, JICA sent to the Lao PDR a study team (hereinafter referred to as "the Study Team"), which is headed by Mr. Satoshi UMENAGA, Second Project Study Division, Grant Aid Project Study Department, JICA, and is scheduled to stay in the country from July 3 to July 15, 1997. The Study Team will proceed to further works and prepare the Basic Design report (2).

As a result of discussions, both parties have confirmed the main items described in the attached sheets.

Vientiane, July 8, 1997

Satoshi UMENAGA

Leader

Study Team

JICA

Sommad PHOLSENA

Director

Communication Department

MCTPC

ATTACHMENT

1. OBJECTIVE OF THE FIELD SURVEY

The objective of the field survey is to investigate the influence of flood against the fifty-one bridges in the rainy season. The result of water level on field survey should be reflected on the Draft Basic Design Report (2) by the Study Team.

2. COMPONENTS OF THE DRAFT BASIC DESIGN (1)

The Government of the Lao PDR has agreed and accepted in principle the components of the Draft Basic Design Report (1) proposed by the Study Team.

3. RESPONSIBLE ORGANIZATION AND IMPLEMENTING AGENCY

- 1) Responsible organization: Ministry of Communication, Transport, Post and Construction (MCTPC).
- Implementing agency: Communication Department, MCTPC.

4. PROJECT SITE

The Project site is shown in ANNEX-1, for fifty-one bridges between Thakhek to Pakxe.

5. ROAD PROFILE

The components of the Draft Basic Design Report (1) mentioned above 2 will be incorporated into the addendum of the Contract Document of the IDA Project which contract is scheduled to be offered in October, 1997.

6. JAPAN'S GRANT AID SYSTEM

The Government of the Lao PDR has understood the system of Japan's Grant Aid explained by the Study Team.

7. FURTHER SCHEDULE OF THE STUDY

- 1) The Study Team will proceed to further studies in the Lao PDR until July 15, 1997.
- 2) In accordance with the confirmed items, and the analysis of the field survey, JICA will prepare the Draft Basic Design Report (2) and dispatch a team in the end of August 1997 in order to confirm the contents.
- 3) JICA will complete the Basic Design Study Report and forward it to the Lao PDR by November 1997.

8. OTHER RELEVANT ISSUE

The Government of the Lao PDR will take all possible measures to secure the safety of the concerned people during the project implementation.

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