ANNEX

- ANNEX 1. Members of the Survey Team for Site Survey of Basic Design Study
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Members of the Survey Team for Site Survey of Basic Design Study (Dec. 9, 1996 to Dec. 29, 1996)

The members of the Basic Design Study Team for the site survey are tabulated below;

Name	Designation	Affiliation
(1) Mr. Masayuki WATANABE	Team Leader	Development Specialist, Institute for International Cooperation, Japan International Cooperation Agency (JICA)
(2) Mr. Shokichi SAKATA	Coordinator	First Project Study Division, Grant Aid Project Study Department, JICA
(3) Mr. Yasushi IRIE	Technical Adviser	Disaster Management & Investigation Div., River Bureau, Ministry of Construction, Japan
(4) Mr. Makoto MIGITA	Chief Consultant / Management, Operation and Maintenance Planner	CTI Engineering Co., Ltd.
(5) Mr. Masashi FURUTAGUCHI	River and Sabo Planner	CTI Engineering Co., Ltd.
(6) Mr. Hiroshi SHIMIZU	Riparian Structures Designer	CTI Engineering Co., Ltd.
(7) Mr. Msakazu UOCHI	Bridge Planner and Designer	Central Consultant Co., Ltd.
(8) Mr. Shuji KAKU	Cost Estimation and Procurement Planner	CTI Engineering Co., Ltd.

Members of Survey Team for Explanation of Draft Basic Design Study Report (March 6, 1997 to March 14, 1997)

The members of Basic Design Study Team for the explanation of Draft Basic Design Study Report are tabulated below;

Name	Designation	Affiliation
(1) Mr. Masayuki WATANABE	Team Leader	Development Specialist, Institute for International Cooperation, Japan International Cooperation Agency (JICA)
(2) Mr. Shokichi SAKATA	Coordinator	First Project Study Division, Grant Aid Project Study Department, JICA
(3) Mr. Akinori MASUDA	Technical Adviser	Disaster Management & Investigation Div., River Bureau, Ministry of Construction, Japan
(4) Mr. Makoto MIGITA	Chief Consultant / Management, Operation and Maintenance Planner	CTI Engineering Co., Ltd.
(5) Mr. Masashi FURUTAGUCHI	River and Sabo Planner	CTI Engineering Co., Ltd.
(6) Mr. Hiroshi SHIMIZU	Riparian Structures Designer	CTI Engineering Co., Ltd.

Schedule for Site Survey of Basic Design Study (Dec 9, 1996 to Dec 29, 1996)

Survey schedule is as shown below;

Day of the	Day of the	No.	Content	Flight / Stay
Month	Week Mon	1	Narita (9:45) → Manila (13:25) (7 persons)	JL741,
9-Dec	MOH	1	courtesy call for JICA Office, Embassy of Japan	Manila
10.5			Courtesy call and Discussion in DPWH	Manila
10-Dec	Tue	2		JL741,
11-Dec	Wed	3	Mr. Kaku (Cost Estimation): Narita	PR291,
			(9:45) → Manila (13:25)	Manila,
			Others: Manila (13:00) → Tacloban (14:10)	Ormoc
			Discussion in Office of Region VII, DPWH	ļ
12-Dec	Thu	4	Mr. Kaku: Survey in Manila,	Manila,
<u></u>			Others: Field Survey	Ormoc
13-Dec	Fri	5	Mr. Kaku: Survey in Manila,	Manila,
			Others: Field Survey	Ormoc
14-Dec	Sat	6	Mr. Kaku: Survey in Manila,	Manila,
			Others: Field Survey	Ormoc
15-Dec	Sun	7	Mr. Kaku : Survey in Manila,	Manila,
			Others: Field Survey, Tacloban (14:50) → Manila	PR292
			(15:55)	\ · · ·
16-Dec	Mon	8	Discussion in DPWH	Manila
17-Dec	Tue	9	Discussion in DPWH,	Manila,
			Mr. Irie: Manila (14:45) → Narita (19:40)	JL742
18-Dec	Wed	10	Signing the Minutes,	Manila,
1			Officials (2 persons): Report to JICA office and	Ormoc,
			Embassy of Japan,	PR291
-]			Consultants (5 persons): Manila (13:00) →	i
			Tacloban (14:10)	
19-Dec	Thu	11	Officials (2 persons): Manila (14:45) →	JL742,
			Narita (19:40)	Ormoc
			Consultants : Survey	
20-Dec	Fri	12	Consultants : Survey	Ormoc
23-Dec	Mon	15	Tacloban (20:15) → Manila (21:20)	PR194,
				Manila
24-Dec	Tue	16	Survey in Manila	Manila
				<u> </u>
27-Dec	Fri	19	Report to JICA office	JL742,
]			Mr. Kaku: Manila (14:45) → Narita (19:40)	Manila
28-Dec	Sat	20	Survey	Manila
29-Dec	Sun	21	Manila (14:45) → Narita (19:40)	JL742

Schedule for Explanation of Draft Basic Design Study Report (March 6, 1997 to March 14, 1997)

Survey schedule is as shown below;

Day of the Month	Day of the Week	No.	Content	Flight / Stay
6-Mar	Thu.	1	Masuda, Migita, Furutaguchi, Shimizu: Narita (9:45) → Manila (13:25) Courtesy Call for JICA Office and Embassy of Japan	JL741, Manila
7-Mar	Fri.	2	Watanabe: Bangkok (11:00) → Manila (15:20) Others: Discussion in DPWH	Manila
8-Mar	Sat.	3	Manila (13:00) → Tacloban (14:10)	PR291, Ormoc
9-Mar	Sun.	4	Site Survey	Ormoc
10-Mar	Mon.	5	Discussion in Ormoc City	Ormoc
11-Mar	Tue.	6	Tacloban (14:50) → Manila (15:55)	PR292, Manila
12-Mar	Wed.	7	Discussion in DPWH	Manila
13-Mar	Tue.	8	Signing the Minutes	Manila
14-Mar	Fri.	9	Report to JICA office and Embassy of Japan Manila (14:45) → Narita (19:40)	Manila, JL742

LIST OF PARTY CONCERNED IN THE RECIPIENT COUNTRY

The officials interviewed during the survey in the Philippines are listed below.

No.	Office	Name	Position/Name of Organization
(1)	DPWH (Head Office)	Mr. Teodoro Encanacion	Undersecretary
	•	Mr. Manuel Bonoan	Assistant Secretary
	•	Ms. Linda M.Templo	DIC Director,
			Planning Service
	i	Ms. S.Santiago	Engineer V,
			Bureau of Design
		Ms. Rebecca T.Garsuta	Engineer IV,
			Planning Service
	i .*	Mr. Napoleon S.Famadico	Engineer III, Planning Service
			Engineer III,
		Mr. Orlando M.Casio	Planning Service
(2)	DPWH (PMO-MFCP)	Mr. Nonito Fano	Project Director
		Mr. Resito V.David	Project Manager
		Mr. Conrad D. Escobr	Project Manager
		Mr. Emie U.Fano	Engineer IV
(3)	DPWH (Region VIII Office)	Mr. Abelardo M.Monge JR.	Assistant Regional Director
, ,	, ,	Mr. Celso Z.Lumaniog, CE, MBA	Chief Planning and Design
			Division
(4)	DPWH (District	Mr. Roman C.Omega	Chief District Engineer,
	Engineering Office)		Leyte II
		Ms. Palmera P.Soberano	Assistant Chief District
			Engineer, Leyte II
		Mr. Irupin Antonio	Engineer II, District
			Engineer, Leyte II Chief, Asia-Pacific
(5)	NEDA (Head Office)	Ms. Alely Alejar-Bernardo	Division, Public Investment Staff
		Ma Criatina Santiaga	Japan Desk Officer,
		Ms. Cristina Santiago	Public Investment Staff
		Ms. Edona B.Capacillo	Sr. Economic Development
		1915, Edolia D.Capacinto	Specialist, Public Investment Staff
(6)	NEDA (Region III Office)	Mr. Ernesto Octaviano	Senior Development
(0)	THE PT (MOBILE IN COMMO)	Philadic C-1411-110	Specialist
		Mr. Antonio C. Bagaindol	Chief, Infra Division
		Mr. Eruto H. Vitor	Sr. Economic Development
			Infra Division

No.	Office	Name	Position/Name of Organization
(7)	DENR (Region III Office)	Joselito D. Memoracion	EIA Assistant Chief
		Armando S. Dupio, JR.	Geologist, Bureau of Mines
		Newa M. Dannos	Forester, Forest Management Div.
		James S. Leones	Geologist, Bureau of Mines
(8)	Ormoc City	Mr. Eufrocino"Dodong"M.Codilla	City Mayor
	: ',',	SR.	
	,	Mr. Benjamin F.Tugonon	Vice City Mayor
		Ms. Cristina C.Con-Ui	City Planning and
			Development Coordinator
		Mr. Roslo L.Pabilan	City Engineering Officer
		Mr. Briccio Suppremo	City Administrative Officer
(9)	Embassy of Japan	Mr. Seiichi Hirokawa	Second Secretary
(10)	JICA Manila Office	Mr. Hiroshi Goto	Resident Representative
	·	Mr. Hisakatu Okuda	Assistant Resident
		7.7	Representative
(11)	JICA Expert (DPWH)	Mr. Kenichi Matui	Planning Service, DPWH
	· ·	Mr. Yoshiki Nagai	Planning Service, DPWH
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Note:

DPWH: Department of Public Works and Highways

PMO : Project Management Office

MFCP: Major Flood Control and Drainage Projects

NEDA: National Economic Development Authority

DENR: Department of Environmental and Natural Resources

MINUTES OF DISCUSSIONS

THE BASIC DESIGN STUDY ON FLOOD MITIGATION PROJECT IN ORMOC CITY IN THE REPUBLIC OF THE PHILEPPINES

In response to the request from the Government of the Republic of the Philippines, the Government of Japan decided to conduct the Basic Design Study on Flood Mitigation Project in Ormoc City in the Republic of the Philippines (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (JICA).

JICA sent to the Republic of the Philippines a study team (hereinalter referred to as "the Team"), which is headed by Mr. Masayuki Watanabe, Development Specialist, JICA, and is scheduled to stay in the Philippines from 9 to 29 December, 1996.

The Team held discussions with the officials concerned of the Government of the Philippines and conducted a field survey at the study area.

In the course of the discussions and field survey, both sides confirmed the main items described in the attached sheets. The Team will proceed to further works and prepare a Basic Design Study Report.

Manila, 17 December, 1996

MASAYUKI WATANABE

Leader

Basic Design Study Team

JICA

TEODORO T. ENCARNACIÓN

Undersceretary

Department of Public Works and

Highways

ATTACHMENTS

1. Officetive

The objective of the Project is to mitigate flood damage and to improve the environment in Ormoc City by constructing river structures in Anilao and Malbasag rivers.

2. Project Area

The project area is located in Ormoc City as shown in ANNEX I.

- 3. Executing Organization
 - (1) Responsible Organization

Department of Public Works and Highways, Government of the Republic of the Philippines

(2) Implementing Organization

Project Management Office - Major Flood Control and Drainage Projects of the Department of Public Works and Highways

4. Items Requested by the Republic of the Philippines

After discussions with the Team, the items finally requested by the Philippines side are as shown in Annex II. However, the final components of the Project will be specifically decided after the completion of further studies.

- 5. Japan's Grant Aid System
 - (1) The Philippines side has understood the Japan's Grant Aid system in ANNEX III as explained by the Team.

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(2) The Philippines side will take necessary measures described in ANNEX IV for the smooth implementation of the Project, in the event the Grant Aid Assistance by the Japanese Government is extended to the Project.

6. Schedule of the Study

- (1) The consultant members of the Team will proceed to further studies in the Republic of the Philippines until 29 December, 1996.
- (2) JICA will prepare a Draft Final Report and dispatch a mission to explain its contents at the middle of March, 1997.
- (3) In the event the contents of the report is accepted in principle by the Philippines side, JICA will prepare a Final Report and send it to the Republic of the Philippines by May, 1997.

7. Major Points of Discussion

- (1) The following matters were confirmed:
 - (a) The inhabitants affected by the project will be relocated prior to the commencement of the construction work.
 - (b) The private land necessary for the project will be acquired by the Philippines side prior to the commencement of the construction work.
 - (c) The MOA (Memorandum of Agreement) shall be concluded among DPWH, DENR and the City of Ormoc until the end of January, 1997.
 - (d) Necessary funds for the right-of-way acquisition and associated compensation shall be provided by the Government of the Philippines.
 - (e) Rehabilitation/Maintenance of the existing roads leading to the project site shall be undertaken by the Government of Philippines.



- (2) The Government of the Philippines requested the following:
 - (a) The construction of access road to the project site to be undertaken by the Government of Japan.
 - (b) The training of counterpart personnel in Japan and on-the-job training in the Philippines.

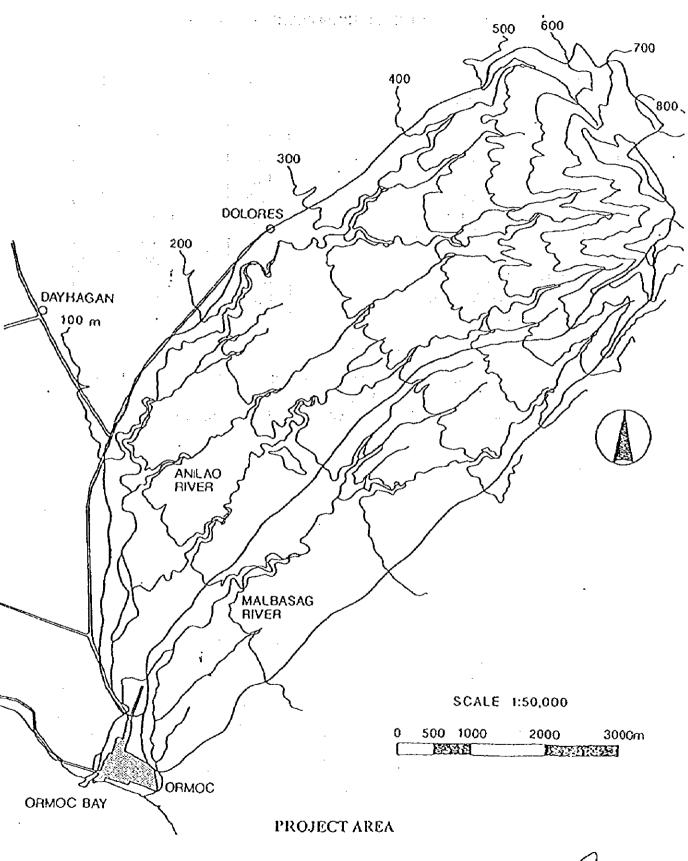
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The study team will convey the above requests.

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ANNEX I



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ANNEX II

LIST OF RIVER IMPROVEMENT WORKS

River	ltems	Unit	Original Request
,	Earth Dike	m	1,800
	Revetment	m	4,000
Anilao	Drainage Stuice	Unit	3
	Hydraulic Drop	Unit	.3
	Bridge	Unit	3
	Sabo Dam	Unit	2
	Earth Dike	m ′	1,250
	Retaining Wall	, m	2,400
	Revetment	m	1,250
Malbasag	Drainage Sluice	Unit	; 4
	Hydraulic Drop	Unit	4
	Bridge	Unit	2
	Sabo Dam	Unit	ı

Note:

- 1. Above works are from "Study on the Flood Control for Rivers in the Selected Urban Centers, JICA, February 1995".
- 2. The final components of the Project will be decided after further studies.

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ANNEX III

ON JAPAN'S GRANT AID PROGRAM

1. GRANT AID PROCEDURES

- (1) Japan's Grant Aid Program is executed through the following procedures.
 - Application (Request made by a recipient country)
 - Study
 (Preliminary Study/Basic Design Study conducted by JICA)
 - . Appraisal & Approval
 (Appraisal by the Government of Japan and Approval by Cabinet of Japan)
 - Determination of Implementation (Exchange of Notes between both Governments)
 - . Implementation (Implementation of the Project)
- (2) Firstly, an application or a request for a project made by the recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to see whether or not it is suitable for Japan's Grant Aid. If the request is deemed suitable, the Government of Japan entrusts a study on the request to JICA (Japan International Cooperation Agency).

Secondly, IICA conducts the Study (Basic Design Study), using a Japanese consulting firm. If the background and objective of the requested project are not clear, a Preliminary Study is conducted prior to a Basic Design Study.

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

Fourthly, the Project approved by the Cabinet becomes official when pledged by the Exchange of Notes signed by both Governments.

Finally, for the implementation of the Project, IICA assists the recipient country in preparing contracts and so on.

2. BASIC DESIGN STUDY

(1) Contents of the Study

The purpose of the Study (Preliminary Study/Basic Design Study) conducted on a project requested by JICA is to provide a basic document necessary for appraisal of the project by the Japanese Government. The contents of the Study are as follows:

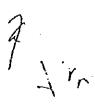
- (a) To confirm the background, objectives, benefits of the project and also institutional capacity of agencies concerned of the recipient country necessary for project implementation;
- (b) To evaluate appropriateness of the Project for the Grant Aid Scheme from a technical, social and economic point of view;
- (c) To confirm items agreed upon by both parties concerning the basic concept of the project;
- (d) To prepare a basic design of the project; and
- (e) To estimate the cost involved in the project.

Final project components are subject to approval by the Government of Japan and, therefore, may differ from the original request.

Implementing the project, the Government of Japan requests the recipient country to take necessary measures involved which are itemized in the Exchange of Notes.

(2) Selecting (a) Consulting Firm(s)

For the smooth implementation of the study, JICA uses (a) consulting firm(s) registered. JICA selects (a) firm(s) through proposals submitted by firms which



are interested. The firm(s) selected carry(ies) out a Basic Design Study and write(s) a report, based upon terms of reference made by JICA.

The consulting firm(s) used for the study is (are) recommended by JICA to a recipient country after the Exchange of Notes, in order to maintain technical consistency and also to avoid possible undue delay in implementation caused if a new selection process is repeated.

(3) Status of a Preliminary Study in the Grant Aid Program

A Preliminary Study is conducted during the second step of a project formulation and preparation as mentioned above.

The result of the study will be utilized in Japan to decide if the Project is suitable for a Basic Design Study.

Based on the result of the Basic Design Study, the Government would proceed to the stage of decision making process (appraisal and approval).

It is important to notice that at the stage of Preliminary Study, no commitment is made by the Japanese side concerning the realization of the Project in the scheme of Grant Aid Program.

3. JAPAN'S GRANT AID SCHEME

(1) What is Grant Aid?

The Grant Aid Program provides a recipient country with non reimbursable funds needed to procure facilities, equipment and services for economic and social development of the country under the following principles in accordance with relevant laws and regulations of Japan. The Grant Aid is not in a form of donation or such.



(2) Exchange of Notes (E/N)

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

- (3) "The period of the Grant Aid" means one Japanese fiscal year which the Cabinet approves the Project for. Within the fiscal year, all procedures such as Exchange of Notes, concluding a contract with (a) consulting firm(s) and (a) contractor(s) and final payment to them must be completed.
- (4) Under the Grant, in principle, products and services originating of Japan or the recipient country are to be purchased.

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

However the prime contractors, namely, consulting, contractor and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means Japanese physical persons or Japanese juridical persons controlled by Japanese physical persons.)

(5) Necessity of the "Verification"

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

(6) Undertakings required from the Government of the recipient country

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

(a) to secure land necessary for the sites of the project and to clear and level the land prior to commencement of the construction work.



- (b) to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities in and around the sites.
- (c) to secure buildings prior to the installation work in case the Project is providing equipment.
- (d) to ensure all the expenses and prompt execution for unfoading, customs elearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid.
- (e) 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.
- (f) 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

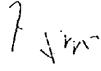
The recipient country is required to maintain and use facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for their operation and maintenance as well as to bear all expenses other than those to be borne by the Grant Aid.

(8) Re-export

The products purchased under the Grant Aid shall not be re-exported from the recipient country.

(9) Banking Arrangement (B/A)

(a) The Government of the recipient country or its designated authority shall open an account in the name of the Government of the recipient country in an authorized foreign exchange bank in Japan (hereinalter 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.

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ANNEX IV

Necessary measures to be taken by the Republic of the Philippines on condition that Japan's Grant Aid is executed:

- (1) To secure land necessary for sites of the project, prior to the construction of the facilities.
- (2) To ensure all expenses and prompt execution for unloading, customs clearance at the port/airport of disembarkation and international transportation of the products purchased under the Grant Aid.
- (3) 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 products and services under the verified contracts.
- (4) To accord Japanese nationals, whose services may be required in connection with the supply of products and the services under the verified contracts, such facilities as may be necessary for their entry into the Republic of the Philippines and stay therein for the execution of the Project.
- (5) The Republic of the Philippines is required to maintain and use the facilities constructed under the Grant Aid properly and effectively and to assign staff necessary for operation and maintenance, as well as to bear all the expenses other than those covered by the Grant Aid.
- (6) To bear advising commission of the Authorization to Pay (Λ/P) and payment commission to a Japanese foreign exchange bank for the banking services based on the banking arrangement (B/A).

The details are shown in ANNEX V.

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ANNEX V

Major Undertaking to be taken by Each Government

No.	licms	To be covered by Grant Aid	To be carcia by Recipient Side
1	To secure land		•
2	To clear, level and reclaim the site when recoded		•
3	To construct gates and fences in and around the site		•
4	To construct the parking lot	•	
5	To construct roads		
	1) Within the site	٥	
	2) Outside the site		•
6	To construct the buildings	•	
7	To provide facilities for the distribution of electricity, water supply, drainage and other incidental facilities		
	1) Electricity	-	
ĺ	2. The distributing line to the site		•
	b. The drop wiring arts internal wiring within the site	•	
	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) Orainage		
	a. The city dizinage main (for storm, sewer and others) to the site		•
	b. The drainage system (for tailet sewer, ordinary waste, storm drainage and others) within the site	•	
	4) Gas Supply		
	a. The city gas main to the site		•
- (b. The eas supply system within the site	•	
- [S) Telephone System		
	1. The telephone trunk line to the main distribution frame/panel (MDF) of the building		•
	b. The MOF and the extension after the frame/panel	•	
ĺ	6) Furniture and Equipment		-
Ì	a. General furniture		•
_ أ	b. Project equipment	•	
8	To beat the following commissions to the Japanese foreign exchange bank for the banking services based upon the BIA		
ļ	1) Advising commission, of NP		•
	2) Payment commission		•
9	To ensure unloading and customs elearance at port of disembarkation in recipient country		
ļ	1) Marine (Air) transportation of the products from Japan to the recipient country	•]
ļ	2) Tax exemption and custom elegrance of the products at the port of disembarkation		
$\dot{-}$	3) Internal transportation from the port of disembarkation to the project site		•
10	To accord Japanese nationals whose services may be required in connection with the supply of the products 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	Its bear all the expenses, other than those to be bome by the Grant, necessary for construction of the facilities as well at for the transportation and installation of the equipment.		4

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MINUTES OF DISCUSSIONS

BASIC DESIGN STUDY ON THE FLOOD MITIGATION PROJECT IN ORMOC CITY IN THE REPUBLIC OF THE PHILIPPINES (CONSULTATION ON DRAFT REPORT)

In December 1996, the Japan International Cooperation Agency (JICA) dispatched a Basic Design Study Team on the Flood Mitigation Project in Ormoc City (hereinafter referred to as "the Project") to the Republic of the Philippines, and through discussions, field surveys and technical examination in Japan, has prepared the draft report of the study.

In order to explain and to consult the Philippine side on the components of the draft report, JICA sent to the Republic of the Philippines a Basic Design Study Explanation Team (hereinafter referred to as "the Team") which is headed by Mr. Masayuki Watanabe, Development Specialist, IICA, with a schedule to stay in the country from 6 to 14 March 1997.

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

Manila, 13 March 1997

Mr. MASAYUKI WATANABE

Mr. TEODORO T. ENCARNACION

Leader

Basic Design Study Explanation Team

JICA

Undersecretary

Department of Public Works and Highways

ATTACHMENT

1. Components of the Draft Report

The Government of the Republic of the Philippines, as represented by the Department of Public Works and Highways (hereinafter referred to as "DPWH"), has agreed and accepted in principle the components of the draft report prepared by the Team.

2. Japan's Grant Aid System

- (1) The Government of the Republic of the Philippines, as represented by the DPWH, has understood the System of Japan's Grant Aid explained by the Team, as described in ANNEX I.
- (2) The Government of the Republic of the Philippines, as represented by the DPWH, will take the necessary measures described in ANNEX II, for smooth implementation of the Project on condition that the Grant Aid assistance by the Government of Japan is extended to the Project.

3. Further Schedule

The Team will make the final report in accordance with the confirmed items, and send it to the DPWH by the end of April, 1997.

4. Other Relevant Issues

- (1) The following matters were confirmed:
 - a) The required counterpart budget for the Project is not included in the 1997 Infrastructure Program of the DPWH. A request for an initial amount of P50.0 Million for right-of-way acquisition was forwarded by the DPWH to the Office of the President for consideration. The release of this amount is expected by the DPWH on/before the end of April 1997. Also, the remaining budget required for the Project should be included in the 1998-1999 bugetary programs of the DPWH.
 - b) The DPWH will prepare the necessary revised documents using Investment Coordination Committee for Project Evaluation (ICC-PE) Form and submit these to NEDA head office through NEDA Region VIII. DPWH will work out the approval of the revised ICC-PE documents by the ICC Technical Board, the ICC Cabinet Committee and NEDA Board before April 21, 1997; otherwise, the processing of the grant aid by the Government of Japan will be delayed.
 - c) The Memorandum of Agreement (MOA) for the Project should be concluded among DPWH, DENR and the City Government of Ormoc by April 21, 1997.

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- d) An opposition letter to JICA Manila office dated 10 January 1997, by six (6) residents was investigated and verified by Ormoc City government. The report of the City Mayor, attached as ANNEX III, stated that the opposition was already withdrawn. DPWH and the Team confirmed the contents of this report.
- e) The City Government of Ormoc will submit the status reports through DPWH to JICA on the following items by the end of March 1997.
 - land acquisition and compensation with signature of agreement by all affected families.
 - development of resettlement site.
 - arrangement for transportation from resettlement site to city proper.
- f) Written agreement of affected families on land acquisition and compensation as well as relocation required for the Phase I component of the Project shall be submitted by the City Government, through the DPWH, to the Resident Representative of IICA Philippines Office by April 21, 1997.
- g) Written agreement of affected families on land acquisition and compensation as well as relocation required for the Phase II component of the Project shall be submitted by City Government, through the DPWH, to the Resident Representative of JICA Philippines Office before Exchange of Notes (E/N) of Phase II component of the Project.
- h) The topographic survey on the location of the proposed three (3) slit dams was agreed to be conducted by Ormoc City, on the condition of official request letter from DPWH to Ormoc City.
- i) The relocation of affected families should be completed prior to the commencement of the Project.
- j) For the Project, the Leyte District Engineering Office at Ormoc City shall establish specific mechanism for monitoring and maintenance practices including budgetary arrangement and assignment of competent engineers.
- (2) Request of the Government of the Philippines
 - a) The technology transfer program should include training abroad of local counterparts.
 - b) DPWH recommended the assignment of a JICA Expert in river management administration.
 - c) Two (2) 4WD pick-up vehicles should be provided for the Project supervision, monitoring and maintenance practices by DPWH.

annex I

ON JAPAN'S GRANT AID PROGRAM

- 1. Japan's Grant Aid Procedures
- (1) The Japan's Grant Aid Program is executed by the following procedures.
 - Application (request made by a recipient country)
 - Study
 (Preliminary Study / Basic Design Study conducted by JICA)
 - Appraisal & Approval
 (Appraisal by the Government of Japan and Approval by the Cabinet of Japan)
 - Determination of Implementation (Exchange of Notes between the both Governments)
 - Implementation
 (Implementation of the Project)
- (2) Firstly, an application or a request for a project made by the recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to see whether or not it is suitable for Japan's Grant Aid. If the request is deemed suitable, the Government of Japan entrusts a study on the request to JICA (Japan International Cooperation Agency).

Secondly, JICA conducts the Study (Basic Design Study), using a Japanese consulting firm. If the background and objective of the requested project are not clear, a Preliminary Study is conducted prior to a Basic Design Study.

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

Fourthly, the Project approved by the Cabinet becomes official when pledged by the Exchange of Notes signed by the both Governments.

Finally, for the implementation of the Project, JICA assists the recipient country in preparing contracts and so on.

2. Basic Design Study

(1) Contents of the Study

The purpose of the Study (Preliminary Study/Basic Design Study) conducted on a project requested by JICA is to provide a basic document necessary for appraisal of the project by the Japanese Government. The contents of the Study are as follows:

- to confirm background, objectives, benefits of the project and also institutional capacity of agencies concerned of the recipient country necessary for project implementation,
- b) to evaluate appropriateness of the Project for the Grant Aid Scheme from a technical, social and economical point of view,
- c) to confirm items agreed on by the both parties concerning a basic concept of the project,
- d) to prepare a basic design of the project,
- e) to estimate cost involved in the project.

Final project components are subject to approval by the Government of Japan and therefore may differ from an original request.

Implementing the project, the Government of Japan requests the recipient country to take necessary measures involved which are itemized on Exchange of Notes.

(2) Selecting (a) Consulting Firm(s)

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

The consulting firm(s) used for the study is(are) recommended by JICA to a recipient country after Exchange of Notes, in order to maintain technical consistency and also to avoid possible undue delay in implementation caused if a new selection process is repeated.

(3) Status of a Preliminary Study in the Grant Aid Program

A Preliminary Study is conducted during the second step of a project formulation & preparation as mentioned above.

A result of the study will be utilized in Japan to decide if the Project is to be suitable for a Basic Design Study.

Based on the result of the Basic Design Study, the Government would proceed to the stage of decision making process(appraisal and approval).

It is important to notice that at the stage of Preliminary Study, no commitment is made by the Japanese side concerning the realization of the Project in the scheme of Grant Aid Program.

3. Japan's Grant Aid Scheme

(1) What is Grant Aid?

The Grant Aid Program provides a recipient country with non reimbursable funds needed to procure facilities, equipment and services for economic and social development of the country under the following principles in accordance with relevant laws and regulations of Japan. The Grant Aid is not in a form of donation or such.

(2) Exchange of Notes (E/N)

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

- (3) "The period of the Grant Aid" means one Japanese fiscal year which the Cabinet approves the Project for. Within the fiscal year, all procedure such as Exchange of Notes, concluding a contract with (a) consulting firm(s) and (a) contractor(s) and a final payment to them must be completed.
- (4) Under the Grant, in principle, products and services of origins of Japan or the recipient country are to be purchased.

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



However the prime contractors, namely, consulting, contractor and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means Japanese physical persons or Japanese juridical persons controlled by Japanese physical persons.)

5) Necessity of the "Verification"

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

6) Undertakings required to the Government of the recipient country

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

- to secure land necessary for the sites of the project and to clear and level the land prior to commencement of the construction work,
- to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities in and around the sites,
- to secure buildings prior to the installation work in case the Project is providing equipment,
- 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,
- 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,
- 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 facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for their operation and maintenance as well as to bear all expenses other than those to be borne by the Grant Aid.

(8) Re-export

The products purchased under the Grant Aid shall not be re-exported from the recipient country.

(9) Banking Arrangement (B/A)

- a) The Government of the recipient country or its designated authority shall 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 Government of the recipient country or its designated authority under the contracts verified.
- 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.

Je

ANNEX II

Necessary measures to be taken by the Republic of the Philippines on condition that Japan's Grant Aid is executed:

- (1) To secure land necessary for sites of the project, prior to the construction of the facilities.
- (2) To ensure all expenses and prompt execution for unloading, customs clearance at the port/airport of disembarkation and international transportation of the products purchased under the Grant Aid.
- (3) 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 products and services under the verified contracts.
- (4) To accord Japanese nationals, whose services may be required in connection with the supply of products and the services under the verified contracts, such facilities as may be necessary for their entry into the Republic of the Philippines and stay therein for the execution of the Project.
- (5) The Republic of the Philippines is required to maintain and use the facilities constructed under the Grant Aid properly and effectively and to assign staff necessary for operation and maintenance, as well as to bear all the expenses other than those covered by the Grant Aid.
- (6) To bear advising commission of the Authorization to Pay (A/P) and payment commission to a Japanese foreign exchange bank for the banking services based on the banking arrangement (B/A).



Republic of the Philippines OFFICE OF THE CITY MAYOR Ormoc City, Leyte

March 11, 1997

Mr. HIROSSHI GOTO
Resident Representative
Japan International Cooperation Agency
12th Floor Pacific Star Bldg.
Sen. Gil J. Puyat Avenue Ext. Corner
Makati Ave., Makati City

Dear Mr. Goto:

This is in relation to the letter dated January 10, 1997 sent to your office by six residents to be affected by the flood control projects at the downstream portion of Malbasag River who expressed their opposition and objection to their relocation at the resettlement area in Barangay Lao.

In respond to the above concerns, the City Government has immediately conducted an investigation to the six signatories and further requested to have an audience with them at my office last March 9, 1997.

As a result of our dialogue, I am glad to inform you that the signatories of that letter have withdrawn their opposition and objection and strongly expressed their full support to the project.

It has also come to our knowledge during our discussion that the reason for their opposition to the project was purely an expression of sentiments and the lack of knowledge and information of the resettlement program and development of the City Government counterpart

Presented below are information about the six signatories gathered during the investigation:



Republic of the Philippines OFFICE OF THE CITY MAYOR Ormoc City, Leyte

	Name	Age	<u>Sex</u>	Status	Area Assected
1.	Conchita Millanes	70	Female	Widow	139 sq.ni.
2.	Irene Cabahug	27	Female	Married	No area affected
-		:	· · · ·	1 1	living with Conchita . Millanes
3.	Azucino Dabasol		Male	Married	Using the lot of
					Concluita Millanes
4.	Paterna Aparis	-:	- Female	Married	430 sq.m. 💼 🗆
5.	Salvador Bañez		Male	Married	229 sq.m.
6.	Antonio Orellano		Female	Married	240 sq.m.

Attached please find copies of Assidavit of No Objection, Assidavit of Pacita Parilla and the list of assected families in Malbasay River. In the Assidavit of No Objection, Pacita Parilla signed in behalf of Paterna Aparis her mother-in-law and Salvador Basez her brother-in-law. She also executed an assidavit attesting that she was the one who signed for the two parties in the letter of opposition.

Irene Cabahug is a relative and lives on the same house as that of Conchita Millanes so she cannot be considered as an affected family. However, she still signed the Affidavit of No Objection to prove that she has no opposition against the entire project.

The demand of the six signatories in their letter addressed to your office is found very immaterial, considering that all of the related amenities like water, road, drainage, electricity and etc. will be established and duly provided in the resettlement area prior to their relocation. In addition, the city government has already appropriated in the 1997 Annual Budget of P5.0 Million Pesos for Land Development and P2.027 Million Pesos for Water Development projects. The Land Development has already been started, undertaken by administration thru the City Engineering's Office utilizing the City Government's heavy equipments.

Based on the ocular visit conducted together with the JICA Study Team to the resettlement area, it was observed that the road network are already established and nearing completion. After this, establishment of other infrastructure support facilities such as drainage system, health center, school building, water supply and street lights will begin immediately.



Republic of the Philippines OFFICE OF THE CITY MAYOR Ormoc City, Leyle

The Ormoc Flood Control Project is an urgent need of the City of Ormoc in the preservation of human lives and property. The memory of the 1991 "flash flood" which resulted in the loss of thousands of precious lives and properties will continue to haunt us and remain in everyone's heart until the Anilao and Malbasag rivers will be protected. Hence, I can assure you of the support of the majority of my constituency and of our local officials irregardless of their political affiliation, because this project calls for urgency to ensure everyone's safety.

Let me assure you further that the objection is the only one of its kind and is not supported nor initiated by NGO's or any people's power showing opposition and unwillingness to abide and agree to the resettlement plan of the city. Hence, we earnestly request your office that the opposition letter be disregarded and not be given importance because the complaint does not speak for the majority of the affected families but purely a product of personal emotions.

Your highest understanding of the above-matter will be highly appreciated.

Thank you very much for bearing with us.

Very truly yours,

EUFROCINO M. CODILLA, SR.
City Mayor

JOINT AFTIDAVIT OF NO OBJECTION TO THE JMPLEMENTATION OF THE FLOOD CONTROL AND MITIGATION PROJECT IN ORMOC CITY FUNDED BY JICA

WE TRENE CABAHUG, AZUCENA DABASOL, PACITA PARRILIA, CHELITA ORILIANQ and CONCHITA MILIANES, all of legal ages, married. Filipinos, and residents of Malbasag River, Brgy. Can-adieng. Ormoc City, after laying been duly sworn to in accordance with law, hereby depose and say that:

- I. We are affected by the Flood Control and Mitigation Project in Ormor City funded by HCA:
- 2. We are aware of this noble program which if implemented will deter the reoccurence of that faishflood of 1991 which claimed thousand of lives and destroyed millions of properties of the Ormocanous. Thus, we have no objection whatsoever to the implementation of said project by HCA:
- 3. We are aware of the advantages and the purpose of the said project which will redound to the benefit of the whole Ormocanon. thus, we fully support the implementation of the HCA.

IN WITNESS WHEREOF, WE hereunto affix our signatures this toth day of March 1997.

TRENE CABAILUG

AZUCENO DABASOL

Pacific Parella

CHELTIA ORILIANO

CONCHITA MILLANES

SUBSCRIBED AND SHOWN to before me this 10th day of Eurch, 1997, affinits exhibited to me their respective residence certificate, to wit: IPSne Cababug on 1997; Azuceno Dabasol—on 1997; Pacita on 1997; Azuceno Dabasol—on 1997; Pacita Parrilla-IIIIS 152C on 3-II 1997; Chelita Orillano—on 1997; end Conchita IIIII anes-II018509 c on 2-7 1997, both at Ormon City.

ALBERTO LE CONOPIG

4 1 h

AFFIDAVIT

- I, PACETA PLERILLA, of legal age, filipine, married, and with residence and postal address at District 28, Ormoc City, Indippines, after baving bean duly sworn to in accordance with law, hereby depose and say:
- 1. That I am one of the affected families of the Ormoc Flood Control Project, located at Downstream portion of Anilao River, Crmon City;
- 2. That I was the one who signed in behalf of PATERHA APARIS and SALVADOR BANES in the letter of opposition and objection dated January 10, 1937 addressed to JICA Office;
- 3. That I am the daughter-in-law of Paterna Aparis and the brother-in-law of Salvador Bañez; and that, I am the same person who signed the Affidavit of No Objection to the Implementation of the Ormoc Flood Control Project.

IN MITHESS HERROY, I have hereunte set my hand this 11th day of March, 1997 at Openio City, Philippines.

Paula Panuls PACITA FARRILLA (ACCIONE)

SUBJORISED AND CARE to before me t is 11th day of Burch, 1997 at unroc City, Chilippines, affirst exhibited to me her Res. Cert. S. Fo. 171157.2 dated threa II, 1997 at Orgon City.

Duc. Es. ______

Book 56.

Series of 1997.

EUIRA O TUNSERUA CLERK OF JOUR 1/14 MTCC. OF MOC FITY

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List of Attendance

Date: March 12, 1997

Place: DPWH Head Office Manila

No	Name	Status	Signature
1	Teodoro T. Encure	so koderseorefang	Ton T. En ?
2	Linka A. Temple	0	A/36
t l	Malloto M14/TA	JILA Study Team	Mb
1	Resito V. DAVID	PMO-MFCP, DPWH (Aroj. Manager)	4
5	Hiroshi SHIM184	JICA Study. Team	ANT.
	Musash: FURUTAGUICA/	"	MAN
7	HONMO F. FAMO	front smeeth, PM6-MFGP	
8	CONRADO D. ESCOBAR	Project Hunoger SWIH	Sin.
9	Shohichi Sakata	JICA Study Team	(V) PD
10	AKIPORI MASUDA	MOC, JAPAN	(P)
//	M. WATANABZ	JICA	小九
12	M. Alconis	PED, Planne Service	
13	Napoleon S. Famadie	' 、	
14	CESAR D. MEJIA	PIREUTYR, LEGAL SERVICE, PLYS	I from Whose of

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11.

MEMORANDUM OF DISCUSSIONS

THE BASIC DESIGN STUDY ON FLOOD MITIGATION PROJECT IN ORMOC CITY IN THE REPUBLIC OF THE PHILIPPINES

Through the discussions and field survey, the Ormoc City Government, the District Office of DPWH (District II, Region VIII), and the JICA Study Team(Consultant Team) confirmed the following matters.

1. Right of Way for the River Improvement Works

The right-of-way for the improvement works of Anilao and Marbasag rivers was finalized by the Study Team as shown in Fig. 1 and 2. The Ormoc city Government and the District Office of the DPWH agreed to accomplish all necessary land acquisition and compensation work in accordance with the above finalized drawings before the conunencement of construction.

2. Sabo Dams

The final location of the Sabo dams and the access roads to the sites will be determined by the Study Team in the middle of January 1997. Based on this, the City Government and the District Office of the DPWH shall conduct a parcerally survey at the sites and acquire the necessary right-of-way for construction before the commencement of the project. (The proposed locations of Sabo dams at present stage are shown in Fig. 39)

Bridges and Approach Roads

For the design of bridges subject to reconstruction, two lane road will be applied as shown in Fig. 4, which complies with the bridge standard of the Philippines.

Necessary right-of-way for the approach road of bridge will be determined by the Study Team in the middle of January 1997. Based on this, necessary land acquisition compensation works shall be undertaken by the City Government and

the District Office of the DPWH before the commencement of the project.

The alignment of approach road for the Anilao bridge will be determined based on the one proposed by the Ormoc City Government as shown in Fig. 1. Necessary land for this approach road shall be acquired.

4. Reclamation/Backfill in the Existing River Channel and Spoil Area

The following areas shall be reclaimed/filled in the project construction stage.

Left bank of Anilao river (STA, 0+900 - 1+200, river channel)

Right bank of Malbasag river (STA 0+700 - 800, river channel)

The excess soil of construction will be disposed of in the spoil area designated by the Onnoc City Government as shown in Fig. 3.

5. Relocation Works for Electric Poles, Water Supply Pipes and Telephone Lines

The City Government and the District Office of the DPWH shall identify the location, dimensions and number of the facilities itemized below, which have been installed in the right-of-way of the river improvement works (refer to Fig. 1 and 2). In addition, relocation cost for the facilities shall be estimated and the results shall be informed to the Study Team in writing by the end of January 1997.

Electric poles and cables,

Water supply pipes, and

Telephone lines

Ormoc City, 23 December, 1996

Agreed by/ between:

EUFROCINO M. CODILLA, SR.

Ormoc City Mayor

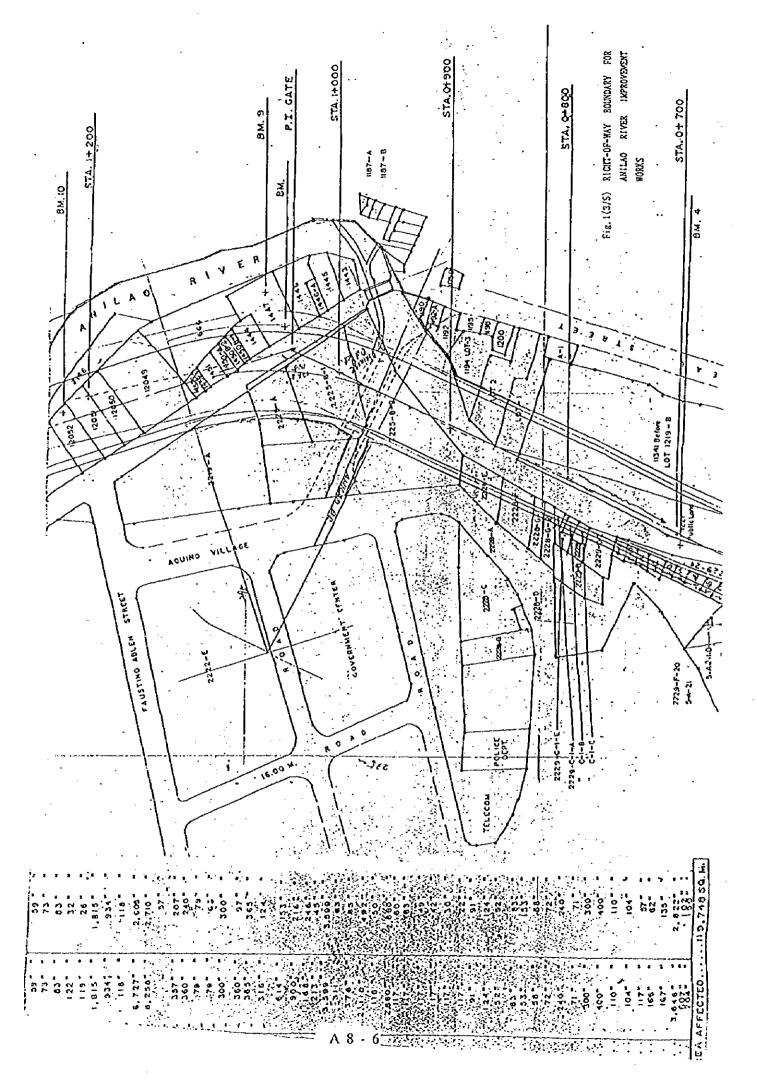
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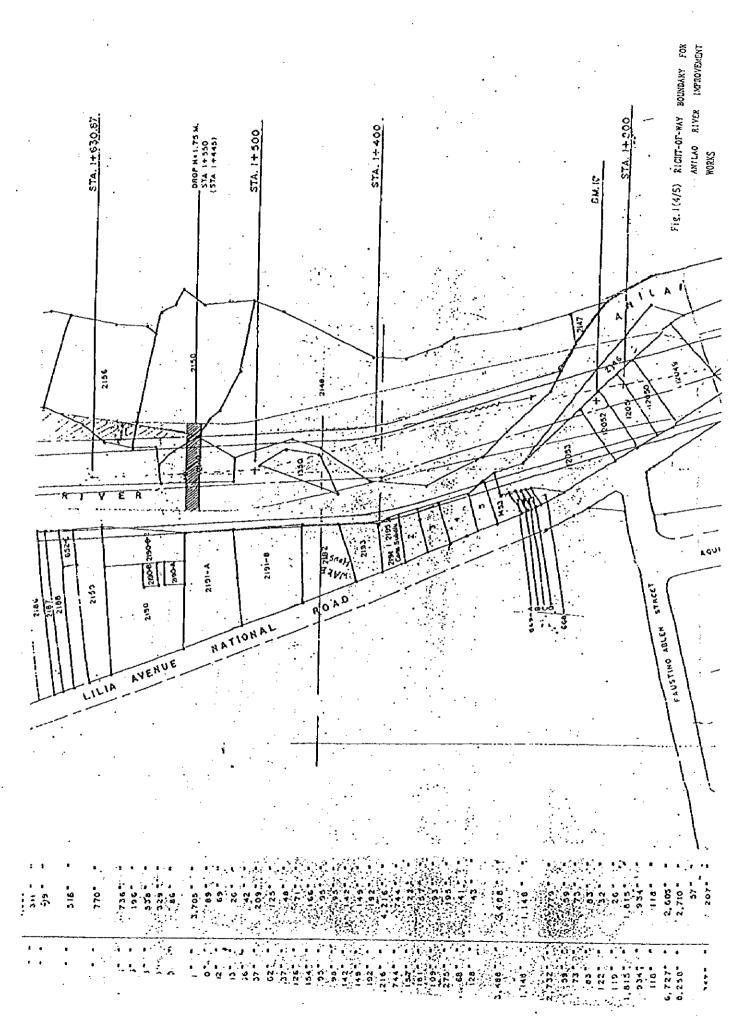
Basic Design Study Team, JICA

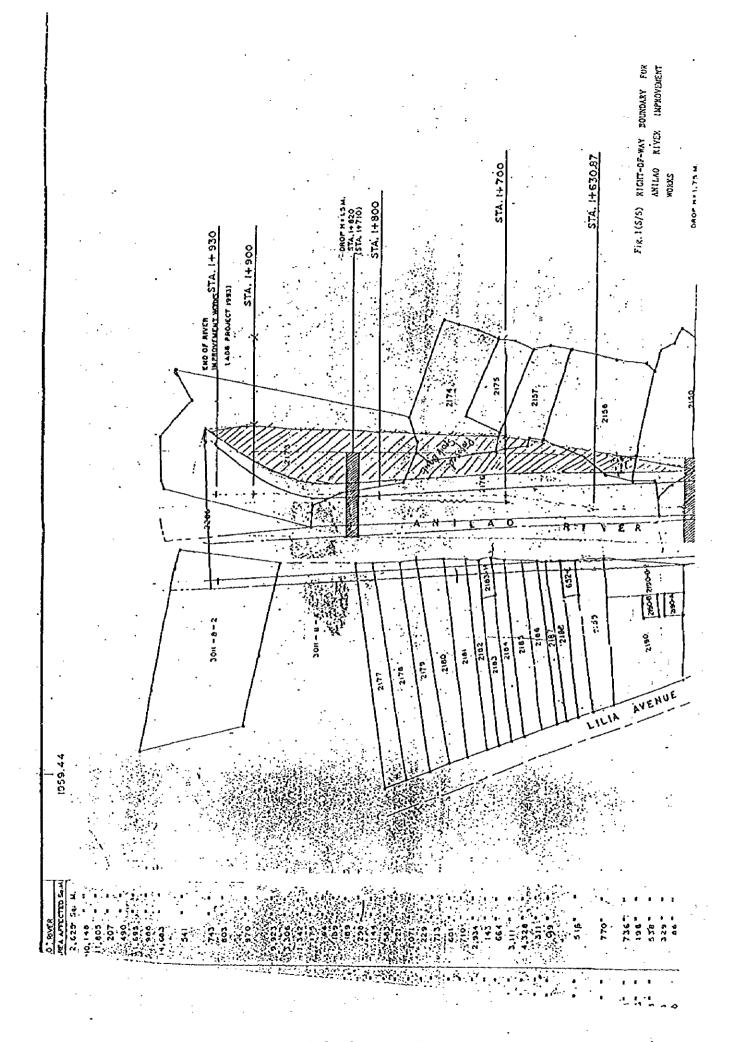
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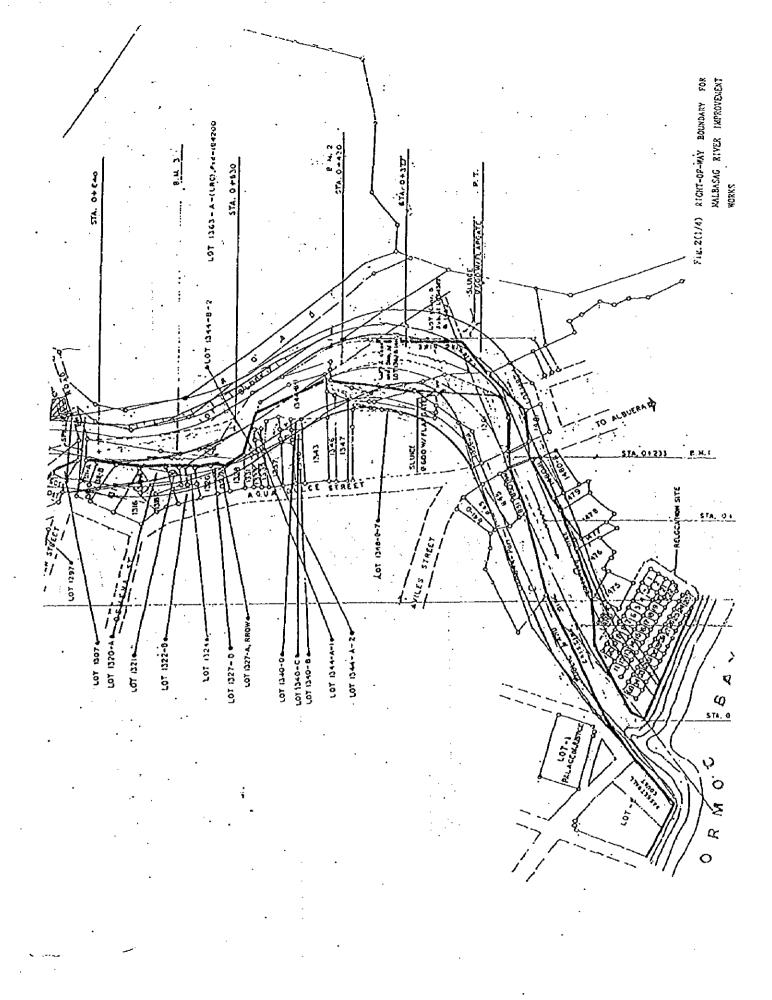
Chief District Engineer, Leyte II DPWH Region VIII

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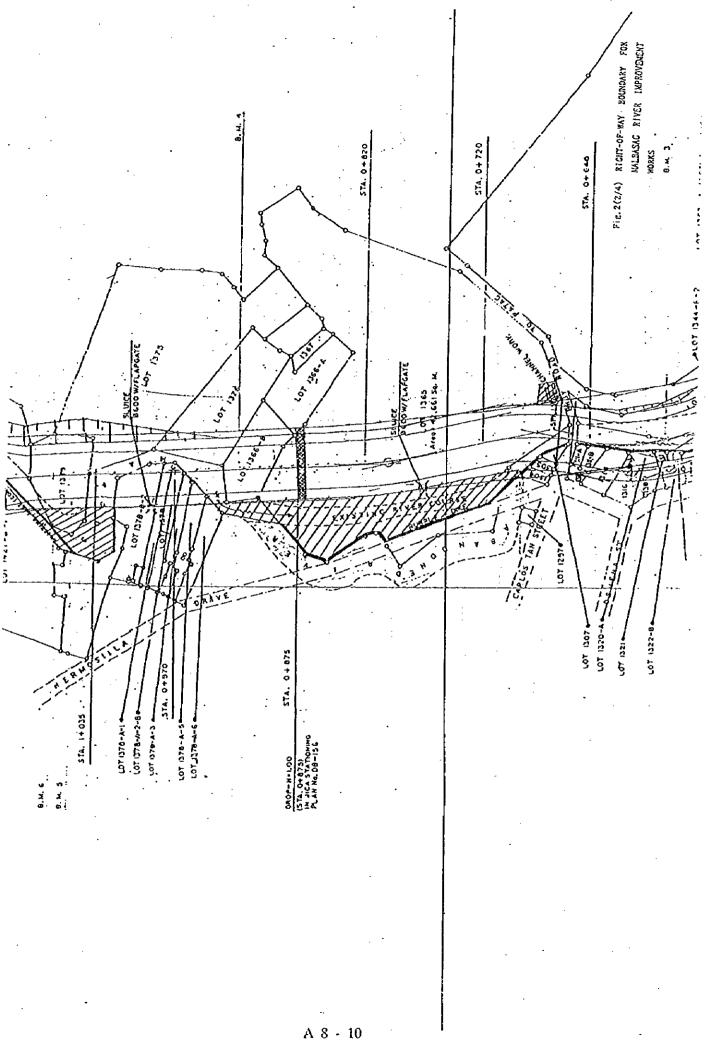


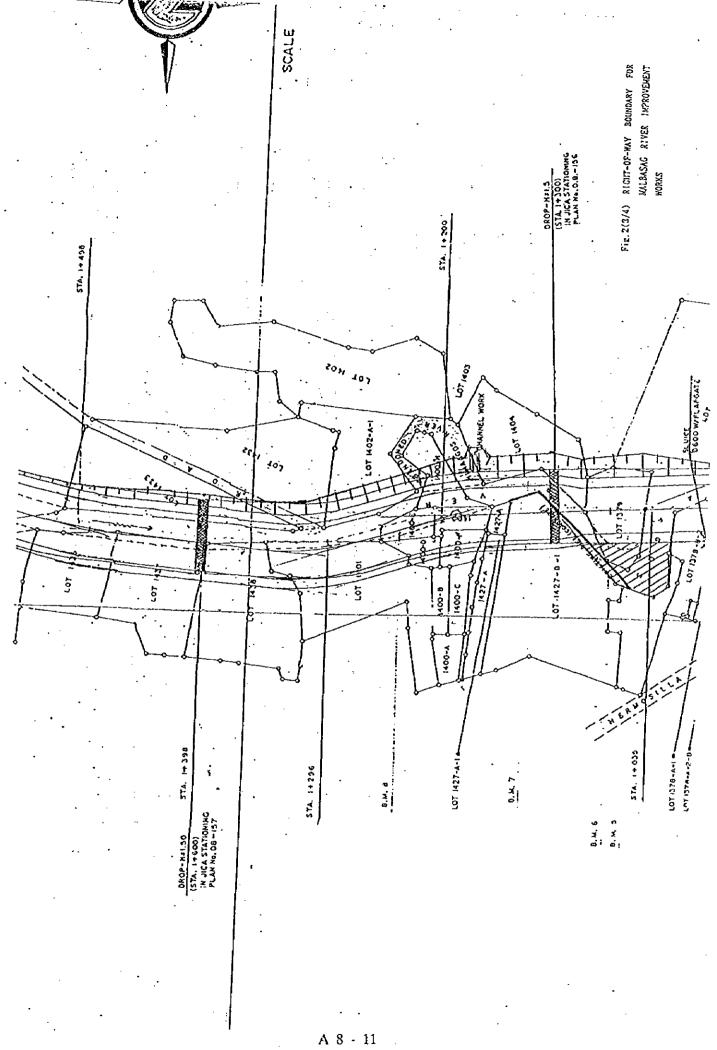


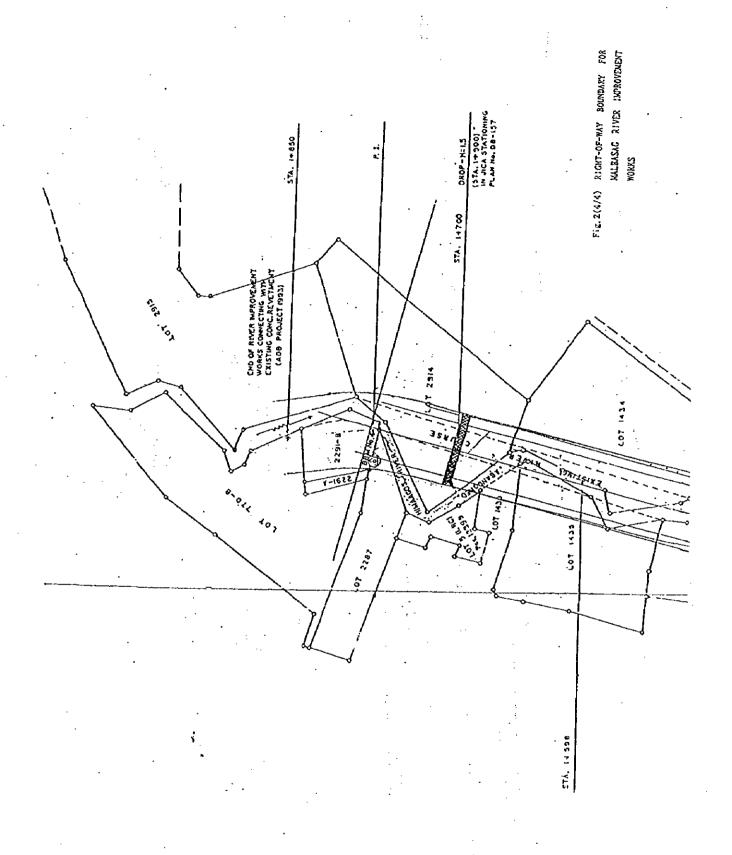




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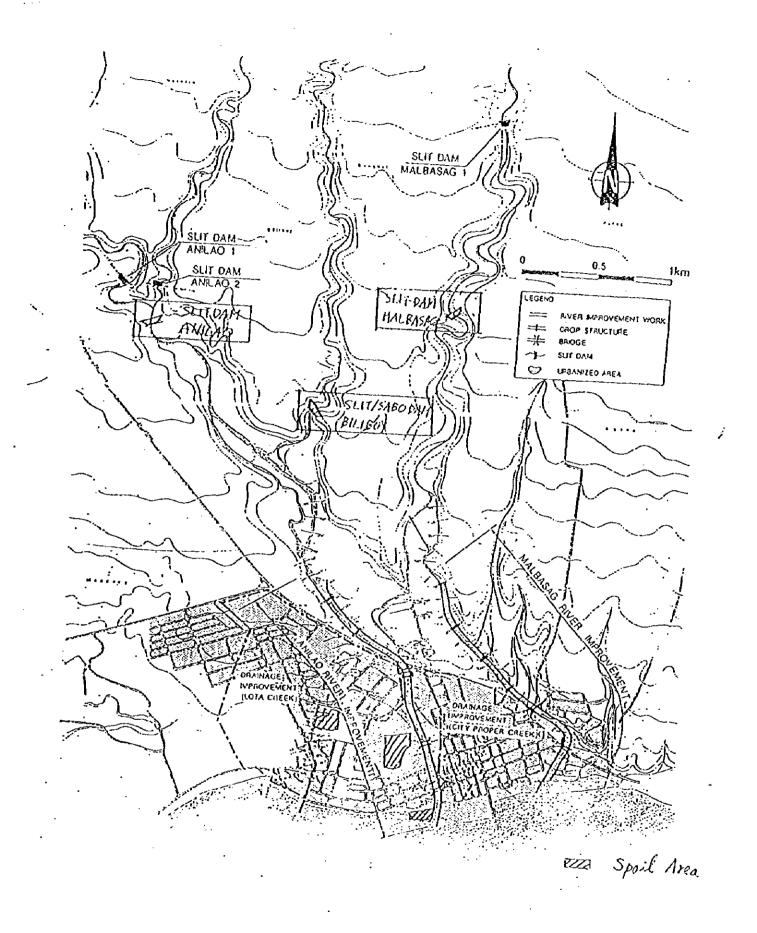


Fig. 3 PROPOSED LOCATION OF SLIT DAM SITE AND SPOIL AREA

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ANNEX. 6 ESTIMATE OF COST TO BE BORNE BY THE RECIPIENT COUNTRY

1. For the Construction Stage

Based on Section 3.1.7, Classification of Project Works, the project cost borne by the Government of the Philippines is estimated in pesos, and details are shown below.

Project Cost Borne by the Philippines

	Item	Unit	Peso
(1)	Expense for the Project Office	L.S.	3,872,000.
(2)	Customs Tax and Storage Cost more than 7 days *1)	L.S.	0
(3)	Maintenance of Existing Road	L.S.	1,508,448.
(4)	Compensation Works	L.S.	179,981,525.
(5)	All Tax Related to the Project *2)	L.S.	0.
(6)	Cost for Bank Arrangement	L.S.	4,000,000. *3)
(7)	Bomb Disposed	No.	50,000.
	Total		185,539,973

Note: *1) This item will be carried out by the project office itemized in (1).

- *2) VAT for the project will be exempted and the legal procedures regarding the taxation will be shouldered by the project office itemized in (1).
- *3) Cost for Bank Arrangement will be fixed after negotiation between the Philippine government and the Bank.

The breakdown of each costs is attached below:

(1) Supervise/Periodical Patrol

The expense for the supervision and periodic patrol is estimated as bellow:

		Unit		M/M	Unit Cost	Total
Remuneration						2,532,500
Engineer	Project Manager	month		39.5	20,000	790,000
	River Engineer	month	-	24.0	15,000	360,000
	Structural Engineer	month	•	39.5	15,000	592,500
Staff	Typist	month		39.5	7,500	296,250
	Clark	month		39.5	7,500	296,250
	Draftsman	month		39.5	5,000	197,500
Direct Cost						987,500
	Car Rental	month		79.0	10,000	790,000
	Stationary	month		79.0	2,500	197,500
Contingency	10 % of Above					352,000
Total						3,872,000

(2) Maintenance of Existing Road

Length to be maintained

		Transportation No. per Month	Cracking Index (% of length/year)	Repair Length
Inland Transportation	4.0 km	 	0.25 %	10.0 m
Excavation/Embankment	1.0 km	500	25.00 %	250.0 m
Silt Dam	2.0 km	120	6.00%	120.0 m
Total				380.0 m

Quantities for Repair

·	Unit quantities (/m)	Repair Length	Total Volume
	·	(m)	(m³)
Gravel	1.60	380.00	608.00
Concrete Pavement	1.60	380.00	608.00

Cost for Repairing of Existing Road

	Unit Cost (peso)	Volume (m³)	Cost (pesos/year)
Gravel	103 m³/m	608.00	62,624
Concrete Pavement	724 m³/m	608.00	440,192
Total (pesos/year)			502,816
Total (pesos)	P 502,816 /year	3 years	1,508448

(3) Compensation Works

The house evacuation cost, land acquisition cost and development cost for resettlement area are estimated by the Ormoc city government as follows.

				•
		Unit	Quantity	Cost
ANILAO RIVER	House	nos.	244	31,596,205
	Land	m²	119,763	73,137,200
MALBASAG RIVER	House	nos.	184	11,892,920
	Land	m²	84,280	51,355,200
RESETTLEMENT AREA	Development cost	L.S.		12,000,000
Total		•		179,981,525

Note: The final cost for the compensation works will be fixed by the Ormoc city government after completion of the negotiation between the affected families and the Ormoc city.

2. For the Operation and Maintenance Stage

Operation and maintenance cost required for the structural maintenance is estimated as below, while the cost for the environmental maintenance will be estimates by Ormoc City depending on facilities/structures which will be developed by the city government.

Estimated cost is summarized as below:

Operation and Maintenance Cost

Itam		Amount (pesos)	Remarks
Item 1. Administrati	on Cost	245,000	Every year
2. Annual Inspection of Structures		94,000	Once a year
2. Annual Inspe	tion of Structures	184,000	Once 5 years
Detail Inspection of Structures Annual Maintenance of Structures		504,000	Once a year
5. Periodic Maintenance of Structures			
5-1 Short Te		799,000	Once 5 years
5-2 Long Te		1447,000	Once 20 years
Total	Every year	1,700,000	1. + 2. + 4.
1 Otal	Once 5 years	938,000	3. + 5-1
-	Once 20 years	1,447,000	5-2

The breakdowns of the costs are shown in following tables.

(1) Administration Cost

(unit pesos)

	•				(nun bezoz)
· · · · · · · · · · · · · · · · · · ·		Unit	M/M	Unit Cost	- Total
Decomposition		+			168,000
Remuneration	D 3 (000000	month	2.4	20,000	48,000
Engineer	Project Manager			15,000	36,000
	River Engineer	month	2.4		
-	Structural Engineer	month	2.4	15,000	36,000
Staff	Typist	month	2.4	7,500	18,000
Gtatt	Clark	month	2.4	7,500	18,000
	Draftsman	month	2.4	5,000	12,000
Direct Cost	Dististanti				54,250
Direct Cost	Car Rental	month	4.8	10,000	48,000
:	Stationary	month	2.4	2,500	6,250
					22,225
Contingency	10 % of Above	_			244,475
Total (pesos/year)	<u> </u>				
round	,				245,000

Note: It is assumed that about 20 % of the working time for the staff in the district office listed above will be charged in the river maintenance works.

(2) Cost for Maintenance

Annual Inspection

(Unit pesos)

		Unit	Quantity	Unit COST	Total
1. Personnel expense					
(inspe	ction & reporting)	-	7. 741	1	
	River Structural Eng'r	day	10	1,500	15,000
	Bridge Engineer	day	5	1,500	7,500
	Assistant Engineer	day	15	1,000	15,000
2. Techi	nical expense (120% of 1)		·		45,000
3. Direc					
	Car rental	day	5	2,000	10,000
	Reporting	L.S.			1,000
Total					93,500 Pesos/Year

Detail Inspection (once 5 years)

(Unit pesos)

			Quantity	Unit Cost	Total	
1. Perso	onnel expense					
(inspe	ection & reporting)	<u> </u>		l		
•	River Structural Eng'r	day	30	1,500	45,000	
	Bridge Engineer	dзy	- 15	1,500	22,500	
2. Tech	nical expense (120% of 1)				81,000	
Direct (Cost					
	Car rental	day	15	2,000	30,000	
	Reporting	L.S.			5,000	
Total			T		183,500	Pesos/5 year

Annual Maintenance

(pesos)

			Unit	Quantity	Unit Cost	Total
River	Weeding out	Dike slope	m ³	14,000	8	105,000
	Removal of trash	Bridge and Sluice	m³	3,200	27	86,880
	Maintenance of Pavement	(10% of total length)	m²	1,920	94	179,520
Sluice	Sweeping of channel	(deposit soil)	m³	253	113	28,597
Stit Dam	Removal of floating logs	(20% of reservoir capacity)	m³	1,500	69	103,500
Total						503,497

Large Scale Maintenance

(pesos)

			Unit	Quantity	Unit Cost	Total
Sluice	Painting of Gate	(once a 5 years)	. m²	14	1,000	14,000
-	Replacement Anilao of Gate	(once a 20 years)	set	1	600,000	600,000
	Alegria		set	1	450,000	450,000
Bridge	Repair of Payment	(once a 20 years)	m²	2,190	181	396,390
Slit Dəm	Painting	(once a 5 years)	m²	785	1,900	784,900

JAPAN'S GRANT AID SCHEME

1. GRANT AID PROCEDURES

(1) 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 Implementation	(The Notes exchanged between the Governments of 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, IICA assists the recipient country in such matters as preparing tenders, contracts and so on

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2. BASIC DESIGN STUDY

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(1) Contents of the Study

The aim of the Basic Design Study (hereafter referred to as "the study"), conducted by JICA on a requested project (hereafter 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 point 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
- (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 select (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.

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 the principals in accordance with the relevant laws and regulations of Japan. Grant Aid is not supplied through the donation of materials as such.

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(2) Exchange of Notes (E/N)

Japan's Grant Aid is extended in accordance with the Notes exchanged 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) consult 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 Grand 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 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 designated authority will conclude contracts with Japanese nationals denominated in Japanese yen. Those contracts shall be verified by the Government of Japan. This "Verification" is deemed necessary to secure accountability to Japanese taxpayers.

(6) Undertaking required of the Government of the Recipient Country

1 1 1 1

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

- (a) To secure land necessary for the sites of the project and to clear, level and reclaim the land prior to commencement of the construction.
- (b) To provide facilities for the distribution of electricity, water supply and drainage and other incidental facilities in and around the sites.
- (c) To secure buildings prior to the procurement in case of the installation of the equipment.
- (d) 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.
- (e) 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.
- (f) 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 their

operation and maintenance as well as to bear all the expenses other than those covered by the Grant Aid.

(8) "Re-export"

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.

Flow Chart of Japan's Grant Aid Procedures

	Flow Chart of Saparts Of						
Stage	Flow & Works	Gove	Japa nese Gove rume nt		Cons ultan t	Cont racto r	Othe rs
App licat Study	I / Cremmand) Alexander in a l						
(project -inary Formula Bas tion & ic Prepar Des	Reporting Selection & Contraction of Consultant by Proposal Explination of Draft Final Report Final Report						·
App rais al & App rova	Appraisal of Preject Consultation Fresentation of Draft Notes Approval						
Imp lem enta tion	the Cabinet (E.N: Exchange of Notes) Banking Arrangement			: : :	-		
	Consultant Contract Verification Issuance of AP Approval by Recipient Government Tendering Evaluation Construction Construction Issuance of AP Preparation for Tendering					1	
Evaluation &	Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Co					-	

MAJOR UNDERTAKINGS

TO BE TAKEN BY EACH GOVERNMENT

No.	Items	To be covered by Grant Aid	To be covered by Recipient Side
1	To bear the following commissions to the Japanese foreign exchange bank for the banking services based upon the B/A		
	(1) Advising Commission of A/P		• .
	(2) Payment Commission		•
2	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 customs clearance of the products at the Port of Disembarkation		•
	(3) Internal transportation from the Port of Disembarkation to the project site	·	•
3	To accord Japanese nationals whose services may be required in connection with the supply of the products and the 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.		•
4	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.		•
5	To maintain and use properly and effectively the equipment provided under the Grant.		•
6	To bear all the expenses, other than those to be borne by the Grant, necessary for transportation and installation of the equipment.		•

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