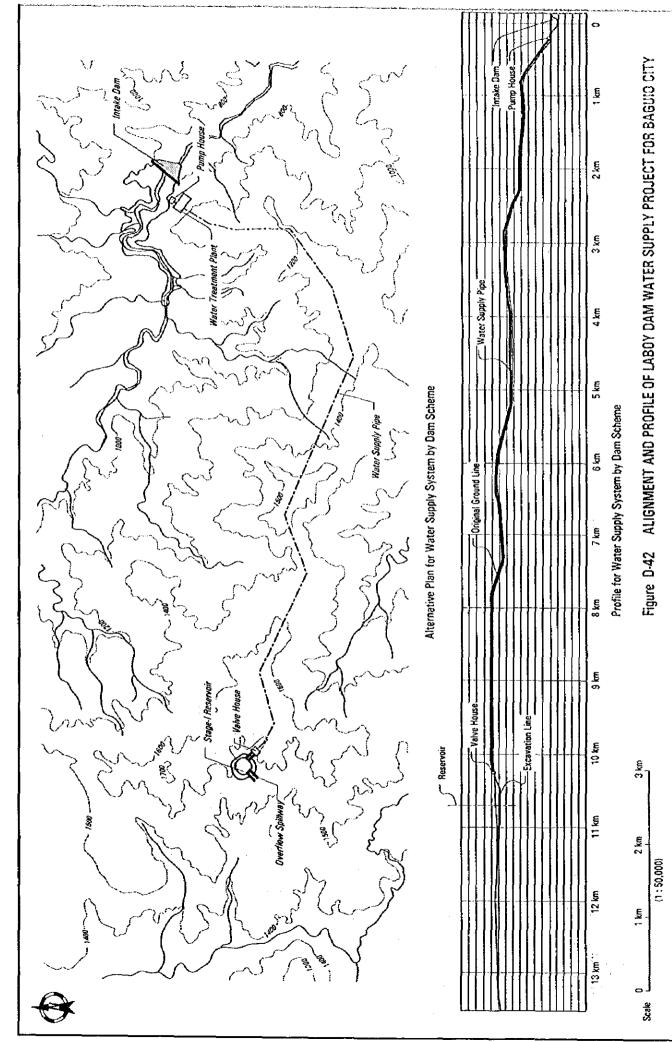
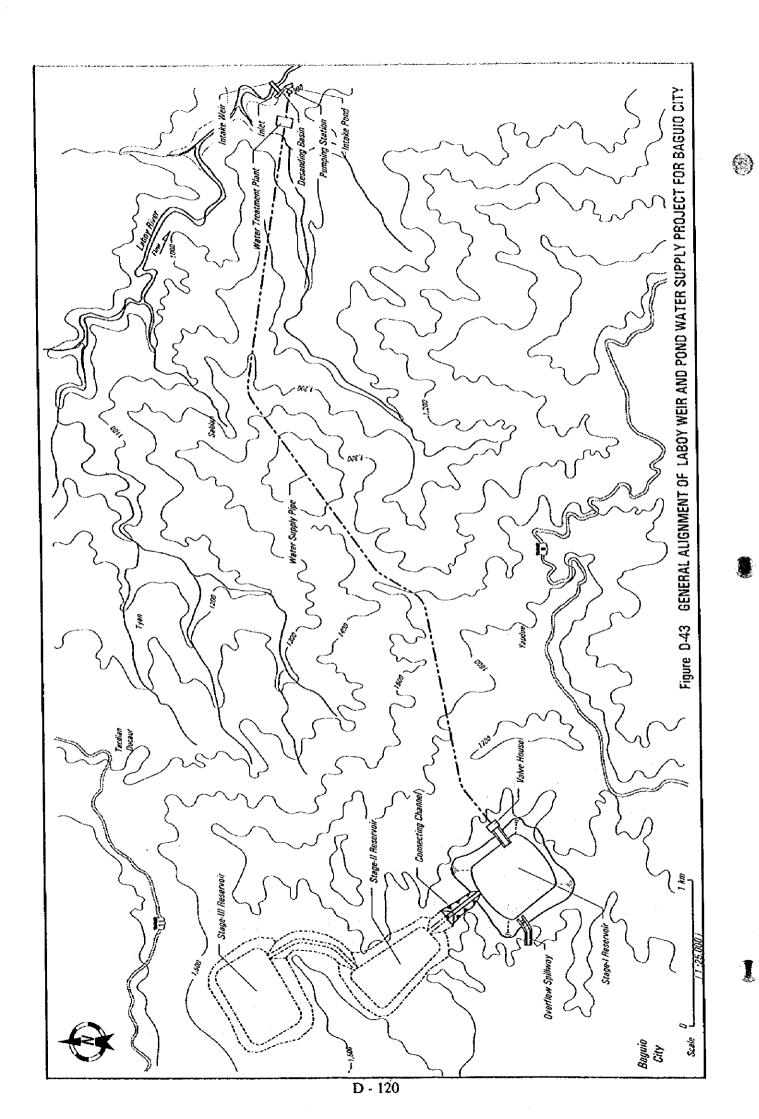
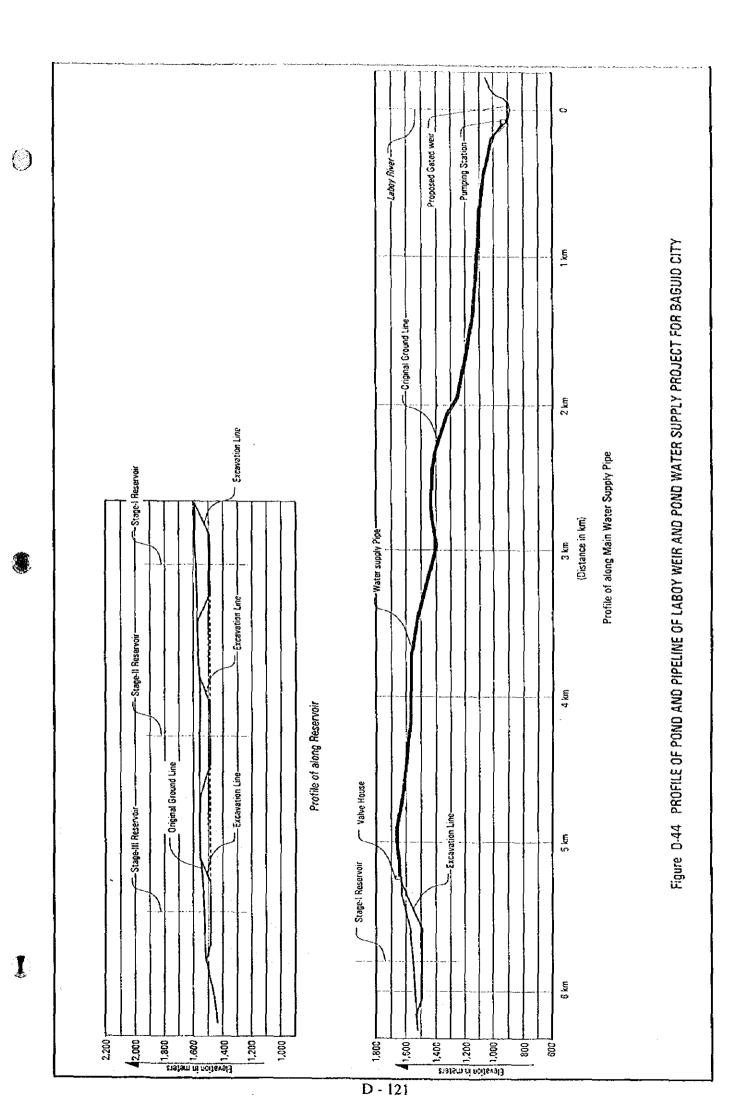
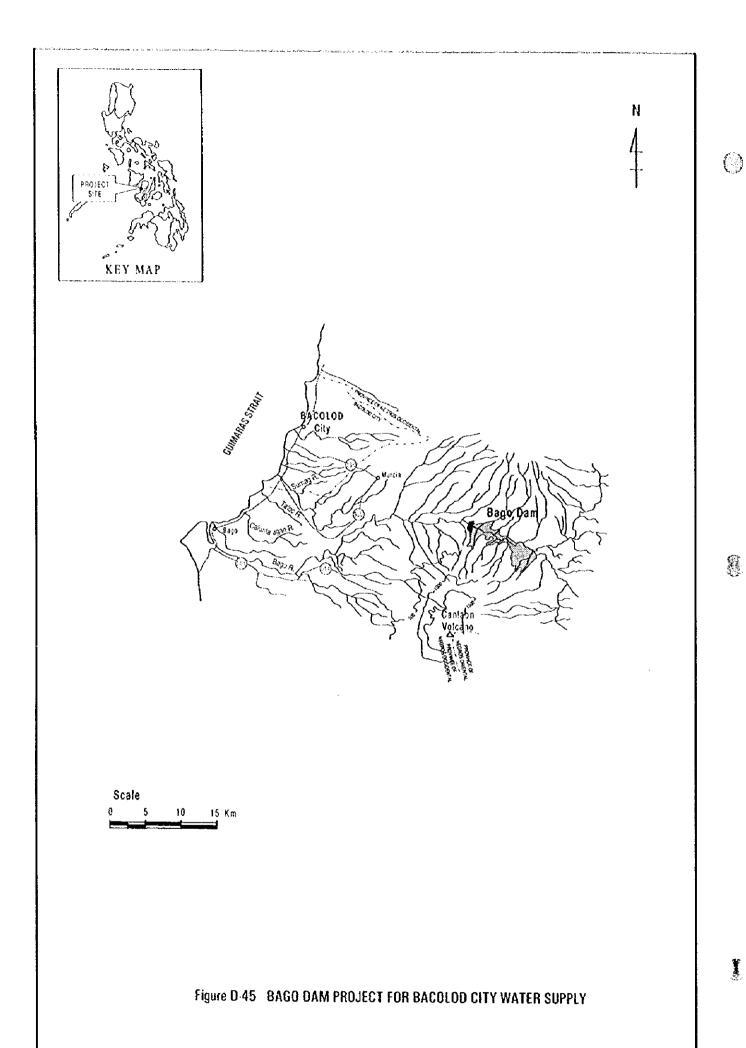
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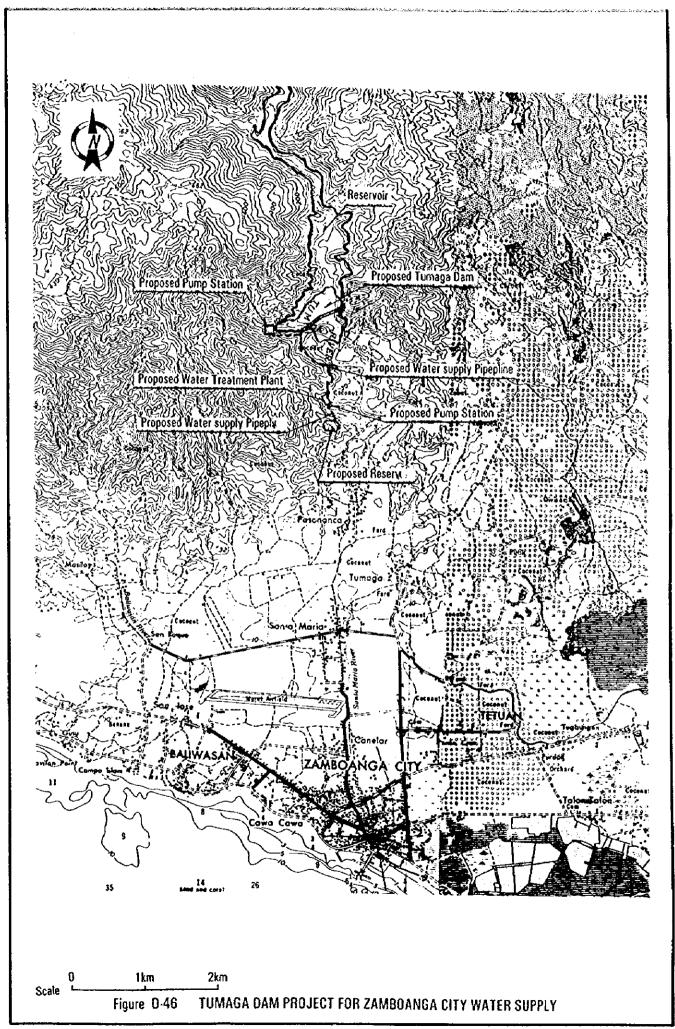


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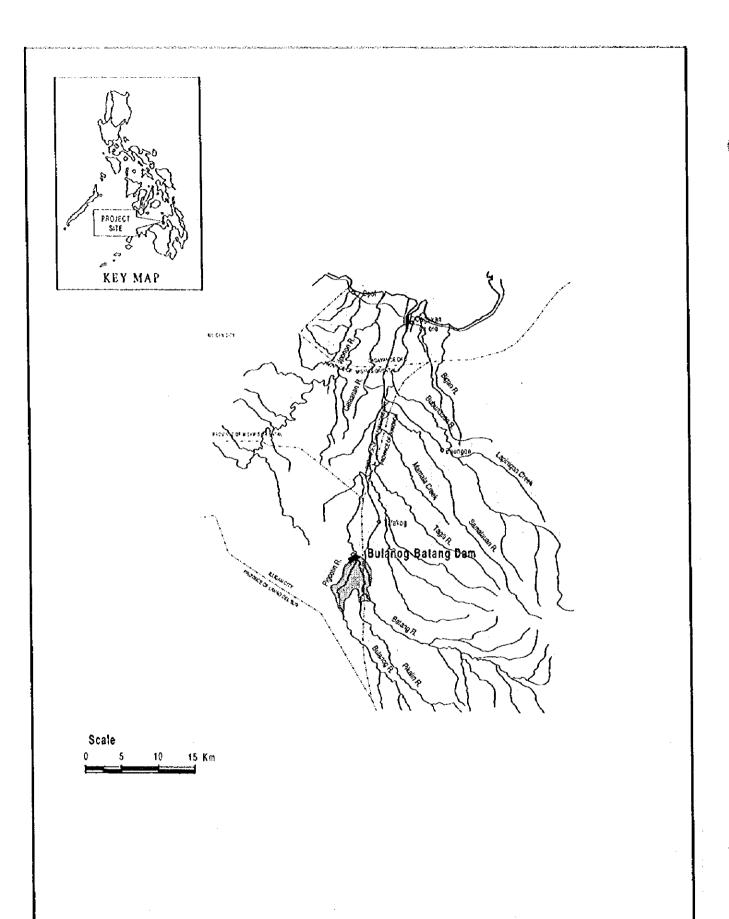
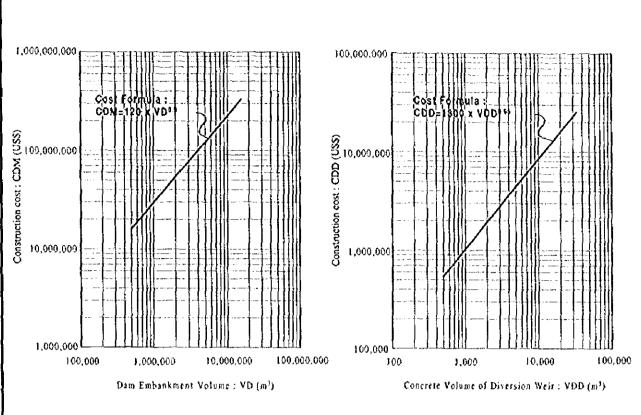


Figure D-47 BULANG BATANG DAM PROJECT FOR CAGAYAN DE ORO CITY WATER SUPPLY



Cost Formula for Storage Dam and Rockfill Dam

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Cost Formula
for Diversion Weir and Concrete Gravity Dam

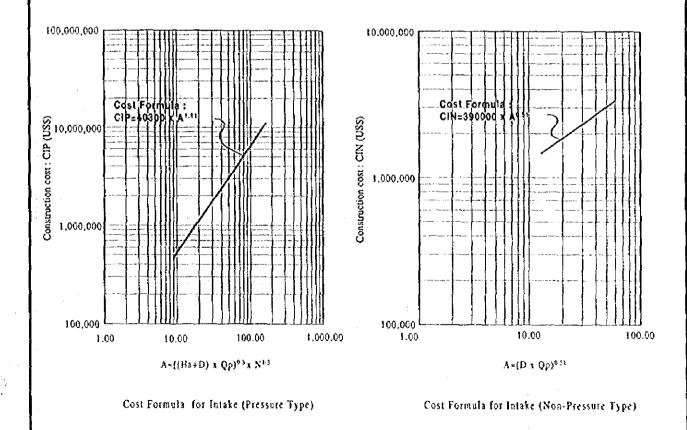


Fig. D-48 COST FORMULA FOR MAIN CIVIL STRUCTURES AND HYDROMECHANICAL EQUIPMENT (1/3)

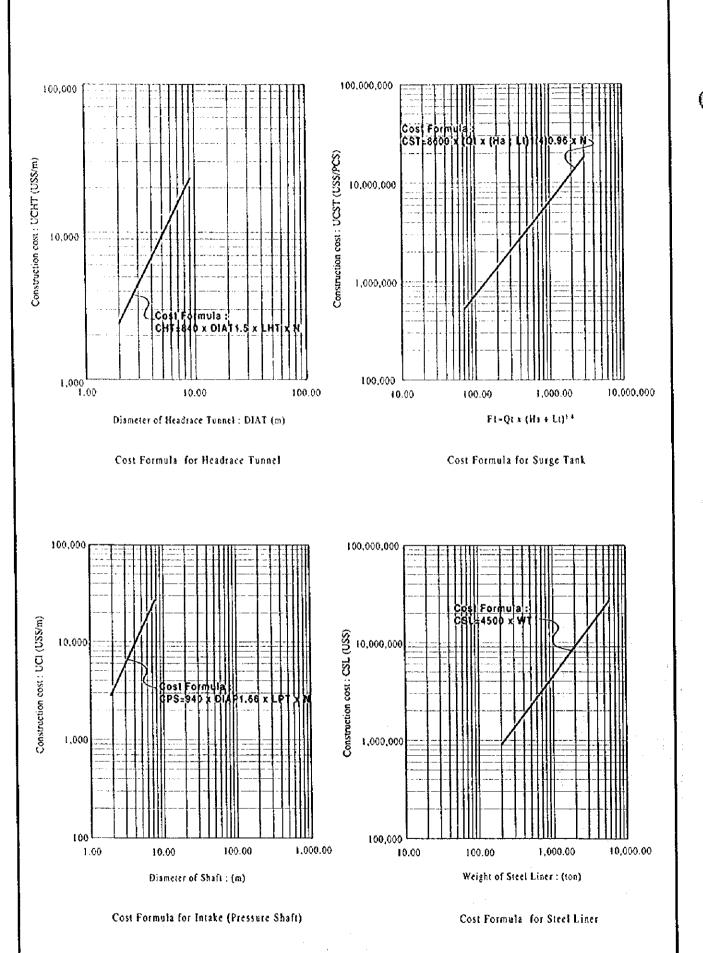
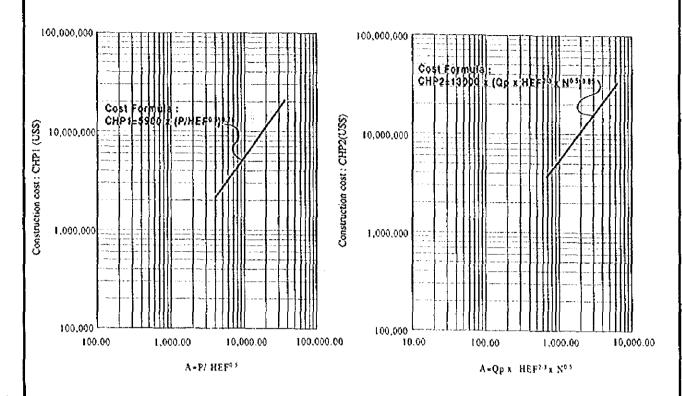


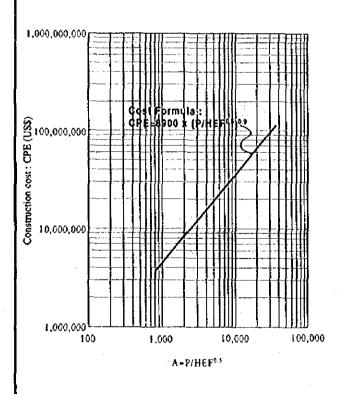
Fig. D-48 COST FORMULA FOR MAIN CIVIL STRUCTURES AND HYDROMECHANICAL EQUIPMENT (2/3)





Cost Formula for Powerhouse (Superstructure)

Cost Formula for Powerhouse (Substructure)



Cost Formula for Powerhouse (Power Equipment)

Fig. D-48 COST FORMULA FOR MAIN CIVIL STRUCTURES AND HYDROMECHANICAL EQUIPMENT (3/3)

Figure D-49 CONSTRUCTION SCHEDULE FOR KANAN-UMIRAY TRANSBASIN PROJECT

1 1 1 1 1 1 1 1 1 1		1ct Vant	2nd Vest	3rd Year	4th Year	5th Year	6th Year	7th Year
1 1 1 1 1 1 1 1 1 1	Describtion	ואר זכם	7 7777		3		-	TT TT
1,000 1,00		I II III IV	пш			=		11 11 1
VANDA Control Contro	1. Detailed Design							
Average Aver	1 and Acquisition and Compensation	1,2nd Acq	isition					
Note: Not: Note: Note: Note: Note: Note: Note: Note: Note:								
Pace component Pace	Mobilization/ Demobilization		Mohit					
Neyancc Tunnel Become Concrete Income Concrete Concrete Income Income Concrete Income Income <t< td=""><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
Pace crays Pace crays	Prenoretory Works				-			
Turnel	Access Road	-		Access Road				
unnel Economic Converce er Conveyance Tunnel Converce Converce Numbel Converce Converce Tunnel Converce Converce Tunnel Converce Converce Tunnel Converce Converce Tunnel Converce Converce Works Intentition Converce Eguipment Intentition Converce	- United Month			Base camp				
December	- Conerng							
unnel Ectorate Concret Concret <th< td=""><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>								
weyance Tunnel Governer Govern	5. Civil Works	~		Excavation				
Nveyance Turnel Inveyance Turnel Inveyance Turnel Inveyance Turnel Inveyance Turnel Inveyance Turnel Inveyance Turnel Inverse Turnel Inverse Turnel Investigation	-Diversion Tunnel				Conclusion			
mycyance Tunnel Second Correct Control	-Inlet of Water Conveyance Tunnel				Fixcavatio			
mycyance Tunnel Internation Total Control Total	-Coveyance Tunnel							Contract
Then the state of	-Outlet of Water conveyance Tunnel							
1] Correct Factorian Correct Therefore Correct T	-Main Dam							
Il Concrete Internal Concrete The state of	-Spillway							
ment	-Intake					Colkreic	Excavation	
ment Concrete	-Hi, pressure Tunnel					Fxca		
ment Invaliation	-Dowerhouse							Concrete
ment Invalation								
ment Invalidation	S Mechanical Works							
ipment ipment	- Gate						Installation	
ipment								-
ipment	7 Electrical works						-	
	- Generating Equipment							OCC (Intelligence)
		-						

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Figure D-50 CONSTRUCTION SCHEDULE FOR MAASIM DAM PROJECT

7th Year	иши	-		 	 								Concrete		ation	Concrete						-
6th Year	и шпи			 								Concrete	G	 	Ingallation	 Cor	 		 	 		
5th Year	и ш п			 							l Embankment			 				 				
4th Year	I n m rv								·	Excavation						 -		 		 	 	
3rd Year	IIIIII					Acress Road	Base camn		Freavation	Concrete						 					 	
2nd Year	I II II II		Land Acquisition	Mobil																		
1st Year	I II III IV	: D/D :	Land																			
Description		1. Detailed Design	2. Land Acquisition and Compensation	3. Mobilization/ Demobilization	4. Preparatory Works	- Access Road	- Base Camp		5. Civil Works	-Diversion Tunnel	-Main Dam	-Spillway	-Water Supply Conduit	6. Mechanical Works	- Gate	7. Electrical works						

Figure D-51 CONSTRUCTION SCHEDULE FOR BAYABAS DAM PROJECT

1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		r m m r	' [F	y m m n/	oun rear	t m m m
	AI III II	1 m m 1	1 m m 1v	71 III II	=	T	m n
1. Detailed Design						-	
2. Land Acquisition and Compensation	Land	Land Acquisition					
3. Mobilization/ Demobilization		Mohil					
:							
4. Preparatory Works							
- Access Road			Acress Road				
- Coffering			Base camp				
5. Civil Works			Fycavation				
-Diversion Tunnel			Excavarion	rete			
-Main Dam					Embankment	-	
-Spillway						Concrete	
-Water Supply Conduit							oncrete
6. Mechanical Works					-		
- Gate						The state of the s	Installation
7. Electrical works							Concrete
					-		
							<u>-</u> .
		- · -					



Figure D-52 CONSTRUCTION SCHEDULE FOR KALIWA-COGEO WATER SUPPLY PROJECT

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4th Year 5th Year 6th Year 7th Year	VI II I										Concluse	Concrete	Excava	Concrete		Coperer	Confrete	Excavarion	Excavation	Imstallation		Gate Installation	Pipe Inclination	Electric installation		
2nd Year 3rd Year 4t	H H W I H W IV I			Mobil		Access Road	Baye camp	 CX	Coperete	Excavation		Excavaion	Oncreie	Exception	Concience	Extravation	Extavation	Exca								
1st Year	I W III II	QΚΙ	Land Acquisition																							
Description		1. Detailed Design	2. Land Acquisition and Compensation	3. Mobilization/ Demobilization	4. Preparatory Works	- Access Road	- Base camp	5. Civil Works	-River Diversion	_	_	-Outlet	-Gated Weir	- Water Conveyance Tunnel	- Desanding Basin	- Main Pump Station	- Booster Pump Station	- Water Treatment Plant	- Reservoir		6. Mechanical Works	- Gate	- Water Supply Pipe Line	7. Electrical works		

Figure D-53 CONSTRUCTION SCHEDULE FOR PAMPANGA WATER CONVEYANCE PROJECT

1. Detailed Design 2. Land Acquisition and Compensation 3. Mobilization/ Demobilization 4. Preparatory Works	II III IV	27 1117	7 P. F.		 	т т т г	ו זו זון זען
1	A 日		E - L			_	
		I II III IV	I II III III IA	1 II III IV	71 111 17	AI III II	11
2. Land Acquisition and Compensation 3. Mobilization/ Demobilization 4. Preparatory Works	11.7						
Land Acquisition and Compensation Mobilization/ Demobilization Preparatory Works	Land Acquisition	rotion					
3. Mobilization/ Demobilization 4. Preparatory Works						-	
3. Mobilization/ Demobilization A Prenaratory Works		Mobil					
4 Prenaratory Works	-						
A Prenaratory Works			- -				
T. 11chantot) Total							
- Access Road		Voces	Acces Road				
- Base Camp			Page camp				
		!					
6 Civil Works							
S. CIVII WOLKS			Concrete				
-Kiver Diversion							
-Water Conveyance Tunnel			Excavation	Concrete			
-Gated Weir			Excavation				
-Desanding Basin				CONTENE		- 1	
Main Dumn Station			Excavation		Cancrete		-
- Intaini i unith Ciancii				Excavation	Concrete		
- Booster rump station					Concrete		
- Water Treatment Plant				Excavation	Como		
- Reservoir				Excavation			
				-			
6. Mechanical Works					Cath	Gate Installation	
- Gate					Pipe Line Installation	allation	
- Water Supply Pipe Line							
7 Electrical works						Pimp Installation	
	:						
- 1							

Figure D-54 CONSTRUCTION SCHEDULE FOR MALUBOG-MANANGA TRANSBASIN PROJECT

1. In III IV 1 II III IV 1 II III IV 1 1. Localided Design 2. Land Acquisition and Compensation 3. Mobilization/ Demobilization 4. Preparatory Works - Access Road - Coffering 5. Civil Works - Diversion Tunnel (Malubog and Mananga) - Malubog Dam - Intake - Intake Weir - Mananga Dam - Water Coveyance Tunnel (No.1) - Malubog Dam - Water Coveyance Tunnel (No.2) - Malubog Dam - Water Treatment Plant - Water Treatment Plant - Water Treatment Plant - Water Supply Pipe Line - Water Supply Pipe Line - Reservoir - Reservoir - Powerhouse - Reservoir - Powerhouse - Machanical Works - Machanical Works - Malubog Dam - Water Supply Pipe Line - Reservoir - Powerhouse - Reservoir	IV I II III IV I II III IV I I	IV I II III IV
1. Detailed Design Individual on and Compensation Individual on and Compensation 2. Land Acquisition and Compensation Individual on and Compensation Individual on and Compensation 3. Mobilization/ Demobilization Individual on an analysis of the compensation of the compens	Mohil Access Road Basecamp Basecamp Concrete Excavation	Congression
2. Land Acquisition and Compensation James Acquisition and Compensation Mobilization Process Road 4. Preparatory Works Access Road - Coffering Nacross Road - Coffering Exception 5. Civil Works Exception - Diversion Tunnel (Malubog and Mananga) Exception - Mater Coveyance Tunnel (No.1) Exception - Intake Exception - Intake Weir Exception - Main Pump Station Exception - Water Coveyance Tunnel (No.2) Exception - Main Pump Station Exception - Water Treatment Plant Exception - Water Supply Pipe Line Exception - Reservoir Exception - Reservoir Seconding - Powerhouse Exception - Reservoir Seconding - Powerhouse Exception	Mohil Access Road Access Road Excavation Concrete Bycavation	Contract
3. Mobilization/ Demobilization 4. Preparatory Works 4. Preparatory Works - Access Road - Coffering - Recent 5. Civil Works - Exception - Water Coveyance Tunnel (No.1) - Exception - Intake - Intake - Intake Weir - Mananga Dam - Water Coveyance Tunnel (No.2) - Recentable - Main Pump Station - Water Testment Plant - Water Supply Pipe Line - Water Supply Pipe Line - Water Supply Pipe Line - Reservoir - Reservoir - Reservoir - Powerhouse - Reservoir 6. Mechanical Works - Mechanical Works	Accest Road Race camp Excayation Coherete The canadian in	Conference
3. Mobilization/ Demobilization 3. Mobilization/ Demobilization 4. Preparatory Works - Access Road - Coffering Rescent 5. Civil Works Excressor -Diversion Tunnel (Malubog and Mananga) Excressor -Water Coveyance Tunnel (No.1) Excressor -Watubog Dam Excressor -Intake -Intake -Intake Weir. Excressor - Mananga Dam -Water Coveyance Tunnel (No.2) - Main Pump Station Excressor - Water Treatment Plant Excressor - Water Supply Pipe Line Excressor - Water Supply Pipe Line Excressor - Reservoir Excressor - Powerhouse Excressor 6. Mechanical Works Excressor	Accest Road Accest Road Base camp Excavation Concrute Dy cavation	Conference
(Malubog and Mananga) Excapation Tunnel (No.1) Excapation Tunnel (No.2) Excapation Plant Excapation e Line Excapation Excapation Excapation Excapation Excapation Excapation Excapation	sk Road ccamp Concrete Concrete	Contract
4. Preparatory Works Access Road - Access Road Basecomp - Coffering Excaption 5. Civil Works Excaption -Diversion Tunnel (Malubog and Mananga) Excaption -Water Coveyance Tunnel (No.1) Excaption -Malubog Dam Excaption -Intake Impection Tunnel -Walve Chamber Excaption - Mananga Dam Excaption - Water Coveyance Tunnel (No.2) Excaption - Water Coveyance Tunnel No.2) Excaption - Water Treatment Plant Excaption - Water Treatment Plant Becevation - Water Supply Pipe Line Excaption - Water Supply Pipe Line Excaption - Reservoir Powerhouse 6. Mechanical Works Exception	scamp scamp Concrete Bacavation	Congress
- Access Road - Coffering - Coffering - Coffering S. Civil Works - Diversion Tunnel (Malubog and Mananga) - Water Coveyance Tunnel (No.1) - Malubog Dam - Intake - Inspection Tunnel - Valve Chamber - Intake Weir - Intake Weir - Mananga Dam - Water Coveyance Tunnel (No.2) - Mananga Dam - Water Coveyance Tunnel (No.2) - Water Supply Pipe Line - Water Supply Pipe Line - Reservoir - Reservoir - Powerhouse 6. Mechanical Works	ccamp Concrete. [Acavation]	Contract
- Coffering - Coffering - Coffering 5. Civil Works - Diversion Tunnel (Malubog and Mananga) - Water Coveyance Tunnel (No.1) - Main Pump Station - Water Treatment Plant - Water Supply Pipe Line - Reservoir - Reservoir - Reservoir - Reservoir - Reservoir - Powerhouse 6. Mechanical Works - Coffering - Coffering - Concrete - Exception - Water Treatment Plant - Water Supply Pipe Line - Reservoir	Concrde	Confred
5. Civil Works Excayation -Diversion Tunnel (Malubog and Mananga) Excayation -Water Coveyance Tunnel (No.1) Excayation -Malubog Dam Excayation -Intake -Valve Chamber - Intake Weir Excayation - Mananga Dam -Water Coveyance Tunnel (No.2) - Main Pump Station Excayation - Water Treatment Plant Excayation - Water Supply Pipe Line Excayation - Water Supply Pipe Line Excayation - Reservoir - Reservoir - Powerhouse Excayation - Powerhouse Excayation	Concrete	Contract
5. Civil Works Excavation -Diversion Tunnel (Malubog and Mananga) Excavation -Water Coveyance Tunnel (No.1) Excavation -Intake Excavation - Intake Weir Excavation - Mananga Dam Excavation - Water Coveyance Tunnel (No.2) Excavation - Water Treatment Plant Excavation - Water Supply Pipe Line Excavation - Reservoir Excavation - Powerhouse Excavation - Powerhouse Excavation	Concrete	Contracte
- Diversion Tunnel (Malubog and Mananga) - Water Coveyance Tunnel (No.1) - Malubog Dam - Intake - Inspection Tunnel - Valve Chamber - Intake Weir - Intake Weir - Mananga Dam - Water Coveyance Tunnel (No.2) - Main Pump Station - Water Treatment Plant - Water Supply Pipe Line - Reservoir - Reservoir - Powerhouse 6. Mechanical Works	Concrete	Confress
-Water Coveyance Tunnel (No.1) -Malubog Dam -Intake -Intake -Inspection Tunnel - Valve Chamber - Intake Weir - Mananga Dam - Water Coveyance Tunnel (No.2) - Main Pump Station - Water Treatment Plant - Water Treatment Plant - Water Supply Pipe Line - Reservoir - Reservoir - Powerhouse 6 Mechanical Works		Control
-Malubog Dam -Intake Inspection Tunnel -Valve Chamber - Intake Weir - Intake Weir - Mananga Dam - Water Coveyance Tunnel (No.2) - Main Pump Station - Water Treatment Plant - Water Treatment Plant - Water Supply Pipe Line - Reservoir - Reservoir - Powerhouse 6. Mechanical Works		
-Intake -Inspection Tunnel -Valve Chamber - Valve Chamber - Mananga Dam - Water Coveyance Tunnel (No.2) - Main Pump Station - Water Treatment Plant - Water Treatment Plant - Water Supply Pipe Line - Reservoir - Reservoir - Powerhouse 6. Mechanical Works	Embasikmen	
-Intake -Intake -Inspection Tunnel -Valve Chamber -Valve Chamber - Exception - Intake Weir - Mananga Dam - Main Pump Station - Exception - Water Coveyance Tunnel (No.2) - Exception - Water Supply Pipe Line - Exception - Water Supply Pipe Line - Exception - Reservoir - Asservoir - Reservoir - Exception - Amerhanical Works - Exception	Extoration	
Tunnel (No.2) Stayation Mant e Line Excavation Excavation Excavation	Concre Excavation	
Tunnel (No.2) Tunnel (No.2) Plant e Line Excavation Excavation Excavation Excavation		-
Tunnel (No.2) Tunnel (No.2) Plant e Line Excavation Excavation Excavation Excavation	Excavation	
Tunnel (No.2) Nn Plant e Line Excavation Excavation Excavation	Concrete	
Tunnel (No.2) on Flant e Line Excavation Excavation Excavation	Embakmen	
Plant e Line Excavation Excavation	Contracte	
Plant e Line Excavation Excavation	Excavation	
e Line Excavation Excavation	Estavation C.	Consider
	Contrain	
'- Powerhouse 6. Mechanical Works		Concrete
6. Mechanical Works		
		Concrete
- Gate	Cate Installation Care Installation	lation
- Water Supply Pipe Line		
7. Electrical Works		GIE Installation

Figure D-55 CONSTRUCTION SCHEDULE FOR LUSARAN-PULAMBATO TRANSBASIN PROJECT

Description	1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year
	I II III IV	I II III IIV	I II III IV	Inmin	IIIIII	ImmIV	Immi
1. Detailed Design	GWI						
2. Land Acquisition and Compensation		Land Acquisition					
3. Mobilization/ Demobilization		Σ	Mobil				
4. Preparatory Works							
- Access Road			Acress Road				
- Base Camp			Base camp	-			to have death.
5. Civil Works			Freavation				
-Diversion Tunnel				Concrete			
-Lusaran Dam			Excavation		Embankmen		
-Spillway				Concrete			
-Hi-pressure Tunnel			Excavation	Congrete			
-Powerhouse			Excavation		Concrete		
-Diversion Tunnel			Excavation Concrete				
-Pulampato Dam			Excavation		Embankmen		
-Spillway			i i	Condrete			
-Hi-pressure Tunnel			Contrete	3)			
- Powerhouse		,	Excavation	Concrete			
-Concrete weir				Excavation	Concrete		
-Water Treatment Plant				Excavation		Concrete	
-Pump Station				Excavation Concrete			
-Reservoir			<u></u>	Excavation		Concrete	
-Water Supply Pipe Line				Excavation Concrete			
6. Mechanical Works							
- Gate					Care Installation		
- Water Supply Pipe Line				Pio	Pine Line Installation		
			-				
7. Electrical Works					G/E Installation		
1							
		,) .				



Figure D-56 CONSTRUCTION SCHEDULE FOR BOHOL-CEBU WATER SUPPLY PROJECT: FIRST STAGE

Description 1. Detailed Design	1st Year I II III IV		3rd Year I II III IV	4th Year I II III IV	5th Year	6th Year I II II IV	7th Year I II III III IV
2. Land Acquisition and Compensation	and	Countition					
3. Mobilization/ Demobilization		Mobil					
4 Premaratory Works							
- Access Road		*	Arcess Road				
- Base Camp			Base camp				
5. Civil Works		E.	a divisor				
-Gated Weir			Ti-	Concrete			
-Desanding Basin				Controle			
-Water Treatment Plant			10010	Concrete			
-Main Pump Station			Sec. 19	Contrete			
-Water Supply Pipe Line (Open-air)				Conquete			
-Reservoir		_		Excavation	Confrete	rete	
6. Mechanical Works							
	-			Gate Installation	llationi		
- Water Supply Pipe Line (Under sea)				Inch	Institution Water Supply Pipe	1116	
7. Electrical Works					Electrical		
	-						
							-
					_		

Figure D-57 CONSTRUCTION SCHEDULE FOR BOHOL-CEBU WATER SUPPLY PROJECT: SECOND STAGE

Description 1. Detailed Design 2. Land Acquisition and Compensation 3. Mobilization/ Demobilization 4. Preparatory Works - Access Road - Base Camp - Base Camp 5. Civil Works - Diversion Tunnel - Tipolo Dam - Hi-pressure Tunnel - Powerhouse - Weir - Desanding Basin - Booster Station - Water Treatment Plant - Water Treatment Plant - Gate - Water Supply Pipe Line - Water Supply Pipe Line

Figure D-58 CONSTRUCTION SCHEDULE FOR LABOY DAM WATER SUPPLY PROJECT

3rd Year 4th Year 5th Year	V					Acress Road	Basecamp	Excaption	Concrete			Concrete	Excaration Congrete	Excavation		Exchanion Concrete	Installation					
1st Year 2nd Year 3rd	IV I II III IV I	Ckd .	and Acquisition	Itaox					NO CONTRACTOR OF THE CONTRACTO	EVEN	woxa .											
Description		1. Detailed Design	2 Land Acquisition and Compensation	3. Mobilization/ Demobilization	4. Preparatory Works	- Access Road	- Base Camp	5. Civil Works	-Diversion Tunnel	-Laboy Dam	-Water Treatment Plant	-Main Pump Station	-Booster Pump Station	-Reservoir	6. Mechanical Works	- Gate	- Water Supply Pipe Line	7. Electrical Works				

Figure D-59 CONSTRUCTION SCHEDULE FOR LABOY WEIR AND POND WATER SUPPLY PROJECT

		1 20 V Co.	2-d Vest	2rd Vear	4th Year	5th Year	6th Year	7th Year
1	Description		7177			٤		
1. Detailed Design 2. Land Acquisition and Compensation 3. Mobilization/ Demobilization 4. Preparatory Works - Coffering 5. Civil Works - Coffering - Coffering - Coffering - Covere - Coffering - Diversion Tunel - Laboy bdan - Water Transment Plant - Water Transment Plant - Water Transment Plant - Reservoir - Mechanical Works - Covere - Mechanical Works - Gare - Water Supply Pipe Line - Water Supply Pipe Line - Water Supply Pipe Line - T. Electrical Works			Ħ			=	-	
2. Land Acquisition and Compensation	1. Detailed Design							
3. Mobilization/ Demobilization 4. Preparatory Works - Access Road - Coffering - Cofferin	2 Land Acquisition and Compensation		and Acquisition					
A. Mobilization/ Demobilization Preparatory Works - Access Road - Coffering - Desanding Basin - Water Treatment Plant - Main Pump Station - Reservoir - Mochanical Works - Gare - Water Supply Pipe Line - Water Suppl								
Preparatory Works	3 Mobilization/ Demobilization		Mobil					
4. Preparatory Works - Access Road - Coffering - Coffering - Coffering - Covered - Coffering - Covered - C								
Coffering	A Proposition Wilder							
- Coffering 5. Civil Works - Diversion Tunnel - Laboy Basin - Descarding Basin - Water Treatment Plant - Main Pump Station - Reservoir 6. Mechanical Works - Gate - Water Supply Pipe Line - Telectrical Works	4. riepalatony works			Access Road				
- Coffering - Coffering - Civil Works - Diversion Tunnel - Laboy bdam - Laboy bdam - Desarding Basin - Water Treatment Plant - Main Pump Station - Booster Pump Station - Reservoir - Mechanical Works - Gate - Water Supply Pipe Line - Water Supply Pipe Line - Water Supply Pipe Line - Cate - Water Supply Pipe Line - Water	- Access Road			Base camp				
S. Civil Works -Diversion Tunnel -Laboluta -Laboluta -Desanding Basin -Water Treatment Plant - Main Pump Station - Reservoir 6. Mechanical Works - Gate - Water Supply Pipe Line 7. Electrical Works	- Cottering							
Care Concrete Co								
- Diversion Tunnel - Laboy bdam - Laboy bdam - Laboy bdam - Desanding Basin - Water Treatment Plant - Main Pump Station - Reservoir - Main Pump Station - Reservoir - Gate - Water Supply Pipe Line - Water Supply Pipe Line - T. Electrical Works - T. Electrical Works	5. Civil Works							
-Laboy bdam -Desanding Basin -Desanding Basin -Desanding Basin -Water Treatment Plant -Main Pump Station -Booster Pump Station -Reservoir 6. Mechanical Works - Gate - Water Supply Pipe Line 7. Electrical Works	-Diversion Tunnel			∎ [™] İ	in the second			
- Desanding Basin - Desanding Basin - Desanding Basin - Water Treatment Plant - Main Pump Station - Booster Pump Station - Reservoir - Main Pump Station - Reservoir - Mater Supply Pipe Line - Water Supply Pipe Line - Concrete - Water Supply Pipe Line - Cate - Water Supply Pipe Line - Cate - Water Supply Pipe Line - Wate	Tobor bdom					13m Dankment		
-Desanding Basim -Water Treatment Plant -Water Treatment Plant -Main Pump Station -Booster Pump Station -Reservoir 6. Mechanical Works - Gate - Water Supply Pipe Line 7. Electrical Works				Exception		Concrete		
-Water Treatment Plant -Main Pump Station -Booster Pump Station -Booster Pump Station -Reservoir 6. Mechanical Works - Gate - Water Supply Pipe Line 7. Electrical Works				Excavation	4			
-Main Pump Station -Booster Pump Station -Booster Pump Station -Reservoir 6. Mechanical Works - Gate - Water Supply Pipe Line 7. Electrical Works	Į			Excavation	Colkiere			
tation tation total ipe Line	L			1 To American	Congrete			
Tipe Line	Doctor Dime Station				Concrete			
ipe Line	-DOORGE I MILIT CHARGE					Concrete	-	
ive Line	-Reservoir			Excavation	Concrete			
ive Line	6. Mechanical Works						Calebratatata	
ive Line					7			
	Water Supply Pine I ine							
7. Electrical Works							Electric	
	7 Flectrical Works							
								-
	A							
						- -		
								-

D - 138

