

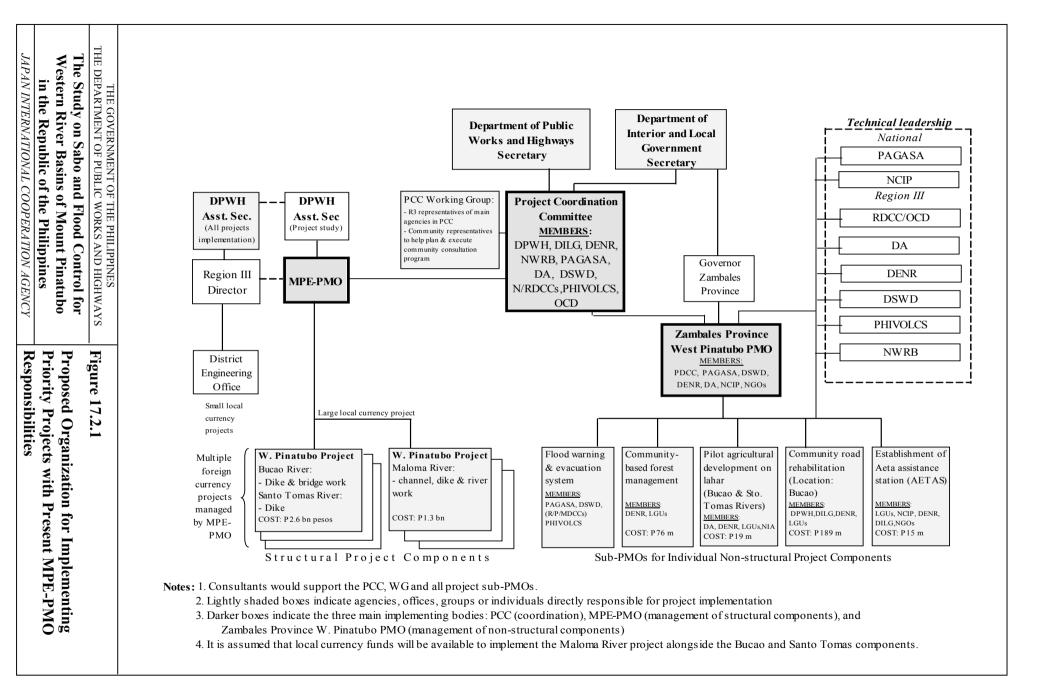
n Eu	AR	Item						lst year						nd year					3rd ye						4th yea		
ਹ ਤੋਂ	FM	No.	Description	Unit	Quantity	67	8	9 1		12 1 5 6		3 4 : 8 9 :		6 7 1 12	9 10 11 12 14 15 16 17		2 3 19 20	4 21		7 8 24 25	9 26	10 11 1 27 28 2		-		5 6 4 35	
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The Study on Sabo and Flood Control for	THE GOVERNMENT OF THE PHILIPPINES THE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS		Mobilization and General Works	L.S.	1					-			-	-		┝	-	-	-	•		-	┿┥	-	-		
an	ELIO		Temporary Works																								Ť
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	ΗÏ		Bucao Br. abut., Left bank	m	170																						
fro	IG		Earthworks	m3	37,300					_																	
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. <u>G</u>	A'		Gravel Pavement	m3	300						•																
•	S		U/s of Bucao Br., Right bank	m	5,800																						
			Earthworks	m3	1,096,000													-							-		T
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2	Figure		Gravel Pavement	m3	7,700				-							+		_									T
Construction Schedule of the Russo River	ŭ <u>a</u>		D/s of Bucao Br., Right bank	m	2,350																						
2	Ir		Earthworks	m3	351,700							_						-									
	e 1		Dike protection	L.S.	1													_									
5	16.1		Gravel Pavement	m3	3,200																						
	<u> </u>		D/s of Bucao Br., Left bank	m	1,910																						T
5	ì		Earthworks	m3	217,100													-							-		
2			Dike protection	L.S.	1																				_		
-			Gravel Pavement	m3	2,600														•								
2			U/s of Bucao Br., Baquilan, Right bank	m	1,650																						T
			Earthworks	m3	93,200																						
			Dike protection	L.S.	1																						T
			Gravel Pavement	m3	2,200																	-			-		
			U/s of Bucao Br., Baquilan, Right bank	m	200																						
•			Earthworks	m3	8,000																			_			
7			Dike protection	L.S.	1																				-		
			Gravel Pavement	m3	0																						

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Dike protection L.S. 1 - - -	N G	Description	Unit	Quantity	6	7:1:5	1st ye		11	12 1	1 2	3 4	1 5	2nd y	8:1:	9:11	9: 11	12	1 3	2 3	4	year	8:1:9) :1:1:	0:11	1 12	2 1	2	3 4	5	6	:1:
Figure 1 Sing preprint above, Construction and L.S. 1 Image: Construction and L.S. 1 <td< th=""><th></th><th>lo. Description</th><th>Oint</th><th>Quantity</th><th></th><th></th><th></th><th>3</th><th></th><th></th><th>5 7</th><th>8 9</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>32 33</th><th></th><th>35</th><th>t</th></td<>		lo. Description	Oint	Quantity				3			5 7	8 9																	32 33		35	t
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Figure autor, Construction yard L.S. 1	ERNMI VT OF P	Mobilization and General Works	L.S.	1								-						+ +		-		 -	_		-	- -	+				-	
Pice Safe preparation, construction yard L.s. 1 Image: Construction with the preparation of t		Temporary Works																														1
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Earthworks m3 77,100 Image: Constraint of the second	<u>1</u> . 1			· · · · ·	1.1.1.1						_							+		_						+			+			÷
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D/s and U/s Maculcol Br., Left bank m 2,800 2,80				í í															_							+		++	—			ł
Earthworks m3 257,900																									4	+	+	==	-			-
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	R	Item							t year					2nd yea							31	d year						4th year		
The Study Western R	ΞG	No.	Description	Unit	Quantity	6	7		9. 10	11 12 4 5	1 6	2 3 7 8		6.7		9 10		2 1 7 18				5 7 3 24	8 9 25 2			1 2 30 31		4 5 33 34		
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2 은 l	FT		Access roads, Temporary roads	L.S.	1																									
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<u>t</u> 81	NI PI		Dike Construction																											
, E	Η		Bucao Br. abut., Left bank	m	170																									
7	IG		Earthworks	m3	37,300																									T
	WH		Dike protection	L.S.	1					_	-																			
9 P	A		Gravel Pavement	m3	300					_																				
	SA		U/s of Bucao Br., Right bank	m	5,800																									T
			Earthworks	m3	1,096,000								- 0															•		Ť
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	<u> </u>		Gravel Pavement	m3	7,700																									T
a	Figure		D/s of Bucao Br., Right bank	m	2,350																									
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	re		Dike protection	L.S.	1					-																				
	16.3.1		Gravel Pavement	m3	3,200																									T
	5		D/s of Bucao Br., Left bank	m	1,910																									T
	<u>.</u>		Earthworks	m3	217,100															-								-		
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			Earthworks	m3	8,000																						•			
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			Gravel Pavement	m3	0																									t



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No.		Project / Program	Project Cost			•	•	Y	ear	•	•			Remarks
			(million Pesos)	2002	2004	2005	2006	2007	2000	2000	2010	2011	2012	
				2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
	Mo	onitoring Activities for Review of F/S	[
1		evel / Discharge Measurement	8											
2	Sediment Balance I Survey	Monitoring through River Cross-Sectional	5											
	· ·	Structural Measures												
3		Heightening / Strengthening including re-	1,678											
4		Dike Construction / Heightening and	1,960											
-	Strengthening		1,700		*****		•••••							
	1	Non-Structural Measures												
5	GSM Warning & F	Evacuation System												
5-1		Upgrading existing warning system				7								
5-2	Pilot Development	Assignment of 10 evacuation centers from existing buildings	30			-	•							
5-3		Public Dissemination of HazardMap												
	Full Development	GSM Telemetry Warning System	82	-			-			<u>↓</u>				
		fall/Lake Water Level and Ground Water												
6	level at Maraunot N		including in 5-3					_						
	Commu	nity Based Disaster Prevention Measure	s											
7	Community Based	Forest Management												
7-1	Pilot Development	Development for 2,200 ha	58				**							
8	Agriculture Develo	pment on Lahar Area												
8-1	Pilot Development	Development for 20 ha	19											
9	Community Road I	Rehabilitation Project												
9-1	Priority Scheme	Route-A1 along the Bucao River	189		****									
10	Establishment of A	eta Assistance Station (AETAS)												
10-1	Pilot Scheme	FOCUS Aeta Project with study on AETAS	15											
10-2	Full Development	Establishment on AETAS	depend on 10-1						`					
	Total Investment Co	ost (including annual operation cost):	4,044											
L			Legend		Fundii	: ng Arra	: ngemer	nt		:	:		: 1	
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					Constr	ruction	/ Imple	mentati	on					
				L	Opera	tion								
тш		ERNMENT OF THE PHILIPPINES T OF PUBLIC WORKS AND HIC		Fig	gure	e 17.	3.1							
		n Sabo and Flood Contr		č										
		er Basins of Mount Pinat		Im	ple	men	tati	on S	Sche	dul	e foi	r Pr	iorit	ty Projects
		public of the Philippines			-									- •
.1		NATIONAL COOPERATION A												

