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Description	Quantity			2	011						201	12						2	013	3						1	2014	1						20	15							201	6							2	017			
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1. Mobilization	L.S																																																					
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2. Preparatory Works	L.S																																							ш								_	\perp	┶		⊢	Ш	_
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3. Thi Nai Swamp																																																_	\perp	┷		⊢	Ш	_
3.1 Sea Dyke										_						+		\square						\square			_					_							_	⊢	_				_			_	\perp	<u> </u>	\square	+	\square	_
(1) Embankment	282,000 m3	\square							_																												_		_	┯					_	_		_	\perp	<u> </u>	\square	<u> </u>	╇	_
(2) Wet masonry	50,500 m3			\square	$ \rightarrow $					_																														⊢∔								_	\perp	⊢⊢	\square	+	⊢	_
3.2 Improvement of Sluice Gates	69 nos	\square							_																												_			┯					_	_		_	\perp	<u> </u>	\square	<u> </u>	╇	_
3.3 Improvement of Spillway	1,475 m	+++	_	++	++				+																		_							_			_		_	⊢	_		_		_	_		_	+	+	+	+	⊢	_
3.4 New Construction of Spillway	1,230 m	+++	_		++	+ +			_	_	-	-				-				ŦŦ						++	_							_	_	+	_		_	┿	_		_	+	_	_	++	_	+	<u> </u>	+	<u> </u>	┿	+
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4. Dap Da River		+++	_	++	++			\vdash	+	_	+		\vdash	_		++	_	++	_	+			_	++	_	++	_	+			-	_		_		+	_	+ +	_	⊢+	_		_	+	_	-	++	+	+	\rightarrow	+	+	⊢	+
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5.3 Side Overflow Soillway	2 nos				+ +			H				_				+ +										+		11												Ħ						1	+	+	+	-+-	+	÷	Ħ	+
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5.6 Bank Protection Works	LS				11																				-		_													Ħ								-	++		+	i T	Ħ	T
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(2) Embankment	1,013,000 m3																_						_		_		_					_					-		_	—	_		_		_			Т	T	i T	T	ıΤ	T	
6.2 Bridge	3 nos																_						_		_		_					_					-		_				_			-		T	Π		П	i T	П	
6.3 Side Overflow Soillway	3 nos																																							П								T	Π		П	i T	П	
6.4 New construction of sluice gates	13 nos																																															Τ	Г	J				
6.5 Improvement of Irrigation Weir	1 no																																																					
6.6 Bank Protection Works	L.S									_													-														-									-								
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7. Nam Yang River																																																_	\perp	⊢		⊢	Ш	_
7.1 Dyke										_						+		\square						\square			_												_	⊢	_				_			_	\perp	<u> </u>	\square	+	\square	_
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(2) Embankment	229,000 m	3																									_												_	⊢	_				_			_	\perp	<u> </u>	\square	+	\square	_
7.2 Bridge	2 nos	\square							_																												_			┯					_	_		_	\perp	<u> </u>	\square	<u> </u>	╇	_
7.3 New Construction of Sluice Gate	1 no	+++	_	++	++				_							++	_	\vdash	_	+			_	++	_		_							_			_		_	⊢	_		_		_	_		_	+	+	+	+	++	_
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(2) Embankment	20,500 m3	НH	_	\vdash	++	++	\vdash	H	++								-	\vdash	+	+			_	++	_	++		++	+	H	+		\square	+	\square	+	+	+		++	_	H	+	+	+	+	++	+	4	+	+	+	⊢∔	+
8.2 Bank Protection Works	L.S	+++	_	++	++	++	\vdash	\vdash	++				H	Ŧ		T		++	+	++	+		+	\vdash	_	H		++	+	\vdash	+		\vdash	+	\square	+	+	+		++	+	H	+	+	+	+	H	+	+	+	┯	+	⊢∔	+
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9.1 Groyne	6,550 m3	+++	_	++	++	++	\vdash	\vdash	+ •				H	Ŧ				++	+	++	+		+	\vdash	_	H		++	+	\vdash	+		\vdash	+	\square	+	+	+		++	+	H	+	+	+	+	H	+	+	+	┯	+	⊢∔	+
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Figure S4.25 Construction Time Schedule for Downstream Flood Control Plan

Figure	S4.26	Overall	Imnle	ementation	Sche	dule	hv	Facilit	v
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Description		2003	2004	2005	2006	2007	2008	2009	2010	Year 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1 Dinh Binh Multinurnose Reservoir																			
1.1 Preparatory Works						_													
1.2 River Diversion							-	-											
1.3 Dam						_													
- Foundation Treatment						-													
- Concrete Dam						-													
1.4 Hydromechanical Works						===				_									
1.5 Hydropower																			
- Generating Equipment								==	===:										
- Substation									==	ļ									
1.6 Relocation Road						<u> </u>													
1.7 High Voltage Line 1.8 Financial Arrangement																			
1.9 Land Acquisition and Resettlement					••														
1.10 Engineering Services by Consultants																			
2. Van Phong Weir and Irrigation and Drainage System																			
3.1 Preparatory Works						_													
3.2 Van Phong Weir																			
- River Diversion and Cofferdam						-		-		•									
- Scouring Sluice and Intake Facilities										-									
- Flood Dyke						_													
3.3 Rehabilitation Works of Existing Weirs																			
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3.5 Main Irrigation System																			
- Canal						-													
- Related Structures																			
- Canal																		-	
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3.7 Drainage System																			
- Drain						-				_									
- Related Structures						_													
- Road						-													
- Related Structures						-													
3.9 On-farm System																			
- Improvement of Existing Facilities																			
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Note : Marked with == means design and manufacturing period.

Figure S4.27 Overall Implementation Schedule by Sector Kone River Basin

P intim										Year									
Description	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1. Study on Nationwide Water Resources																			
Kone River Basin Master Plan	I																		
Kone River Basin Feasibility Study																			
2. Dinh Binh Multipurpose Reservoir																			
2.1 Financial Arrangement	-																		
2.2 Approval of Project and Arrangement																			
by GOV	-			_	_														
2.3 Procurement of Consultant			-																
2.4 Engineering Services (Basic Design,																			
Detailed Design and Supervision)																			
2.5 Pre-qualification Tendering					_														
2.6 International Competitive Bidding																			
2.7 Land Acquisition and Resettlement	1				_														
2.8 Dinh Binh Reservoir Project																			
(Concrete Dam)																			
2.9. Relocation Road				_															
3. Van Phong Weir and Irrigation and Drainage Syste																			
3.1 Financial Arrangement																			
3.2 Approval of Project and Arrangement																			
by GOV																			
3.3 Procurement of Consultant			-																
3.4 Engineering Services (Basic Design,																			
Detailed Design and Supervision)																			
3.5 Pre-gualification Tendering					_														
3.6 International Competitive Bidding					-														
3.7 Land Acquisition and Resettlement																			
3.8 Flood Control Facilities																			
4. Downstream Flood Control Plan																			
4.1 Financial Arrangement								_											
4.2 Approval of Project and Arrangement																			
by GOV																			
4.3 Procurement of Consultant								-											
4.4 Engineering Services (Basic Design.																			
Detailed Design and Supervision)																			
4.5 Pre-gualification Tendering										_									
4.6 International Competitive Bidding										_									
4.7 Land Acquisition and Resettlement																			
4.8 Irrigation and Drainage facilities																			
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