Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2H01, 2H02, 2H03, 2H04 and 2H05

FC: YEN

LC: US\$ Dump truck 10t per day US\$=¥120

No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
				Mate	erial	Ļ	abor	Equipm	ent	Am	ount	in
L		L		FC .	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	309.00	. 0	0.33					0	102	12,236
}	Others	L.S.	1	0	3.00	·	1	}		. 0	3	360
	Sub Total				**	,				C	105	12,596
		1		.								·
2	Labor]				,			.*			
	Operator	man.day	1	[0	33.00			. 0	33	3,960
1	Others	L.S.	1			0	0.00			0	o	. 0
	Sub Total								•	0	33	3,960
									•	* •		
	Equipment											
	Dump truck 10t	day	1	·			[6720	0	****		6,720
1.	Sub Total	1				·	:			6,720	. 0	6,720
		1						1				
	Total									6,720	138	23,276
	<u> </u>							<u> </u>				

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

2H01-3

2H02-3

2H03-3

2H04-3

2H05-3

Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2H01, 2H02, 2H03, 2H04 and 2H05

FC: YEN LC: US\$

Truck 8t per day US\$=¥120 Work Item Unit Quantity Basic Price Unit Cost Total No Material Labor Equipment Amount in FC LC FÇ LC FC FC LC YEN LC 1 Material 233.00 77 9,227 Fuel & Lubricant 0.33 L.S. Others 3.00 360 Sub Total 80 9,587 2 Labor 33,00 33 Operator man.day 3,960 0,00 Others L.S. Sub Total 33 3,960 3 Equipment 3480 Truck 8t day 3,480 3,480 3,480 3,480 Sub Total 3,480 113 Total 17,027

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

2H01-2

2H02-2

2H03-2

2H04-2

2H05-2

Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2H01, 2H02, 2H03, 2H04 and 2H05

FC: YEN

Truck crane 16t per day LC: US\$ US\$=¥120 Work Item Basic Price Unit Cost Total Unit Quantity Νo Material Labor Equipment Amount in FC LC YEN FC LO FC LC FC LC 1 Material Fuel & Lubricant 232.00 0.33 77 9,187 Others L,S. 0.00 Sub Total 9,187 2 Labor Operator 33.00 3,960 man day L.S. 0.00 Others Sub Total 3,960 3 Equipment Truck with crane 8t 9480 9,480 9,480 day 9,480 Sub Total 9.480 Total 9,480 110 9,590

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05 100ps x 0.2 x 6 x 1.05

2H01-1

2H02-1

2H03-1

2H04-1

2H05-1

FC: YEN

	2110001						. 0. 12.14			*		
	Dump truck 10t per day	· · · · · · · · · · · · · · · · · · ·					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
	{			Mate	erial	L.	abor	Equip	ment	Am	ount	in
			[FC	LC	FC	LC	FC	LC	FC	L¢	YEN
1	Material				T							
	Fuel & Lubricant	ir.	309.00	0	0.33					0	102	12,236
	Others	L.S.	1	0	3.00		j			0	3	360
	Sub Total		1						1	0	105	
		ļ		ì								
2	Labor										•	
	Operator	man.day	1			0	33.00	}	i '	0	33	3,960
	Others	L.S.	1	· .		0	0.00	4		0	0	
	Sub Total		1 1				} .			a	33	3,960
					1			•				
3	Equipment			l						·		
	Dump truck 10t	day	1]	1			6720	ه ا	6,720	0	6,720
	Sub Total						1		}	6,720		6,720
										5,720	Ĭ	3,720
	T-4-1	ţ		- 1	- 1				[]	6,720	138	23,276
	Total	}		-	1			,	1	0,720	138	∠ა,∠∤0
	1	1	1		·		i					

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

2H0601

FC: YEN

Backhoe 0.8 m3 per day

US\$=¥120 LC: US\$ Basic Price Unit Cost Total Work Item Unit Quantity No Material Labor Equipment Amount in FC FC LC FC LC YEN FC LC LC 1 Material 93 11,207 Fuel & Lubricant 283.00 0.33 240 L.S. 2.00 Others 95 11,447 Sub Total Labor 33.00 3,960 man.day Operator 0.00 0 L.S. Others 33 3,960 Sub Total 3 Equipment 11,280 11,280 Backhoe 0.8m3 11280 day 11,280 11,280 Sub Total 11,280 128 26,687 Total

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT
2H0602

US\$=¥120 LC: US\$ Truck 8t per day Unit Cost Total Basic Price Unit Quantity Work Item No Material Equipment Amount in Labor FC LC YEN FC LC FC LC FC LC 1 Material 9,227 77 0.33 Fuel & Lubricant 233.00 360 LS. 3.00 Others 9,587 80 Sub Total 2 Labor 3,960 33.00 man.day Operator 0.00 L.S. Others 33 3,960 Sub Total 3 Equipment 3,480 3480 3,480 Truck 8t day 3,480 3,480 Sub Total 17,027 3,480 113 Total

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

FO: YEN

	Generator 45KVA per o	lay					LC: US\$. *		US\$=¥120
No	Work Item	Unit	Quantity			Ba	asic Price			Un	it Cost	Total
			1 [Mate	erial	Ī	abor	Equip	ment	Α	mount	in
		⊥	[FC	LC	FC	LC	FC	L.C	FC	LC	YEN
1	Material]]			
	Fuel & Lubricant	lr.	72.00	. 0	0.33			· .		0	24	2,851
	Others	Ls.	1	- 0	0.00			ļ	1	. 0	. 0	0
l. • `	Sub Total	1 .	1	Ī					1	0	24	2,851
		1		1				ļ	ŀ			
2	Labor		1 . 1					ļ				
	Operator	man.day	/ 1	{	ĺ	0	33.00			0	. 33	3,960
	Others	L.S.	1			0	0.00	ļ		. 0	0	. 0
	Sub Total			-				1	<u> </u>	0	33	3,960
. "				1			·			·		
3	Equipment			· [·	ļ				
4.7	Generator 45KVA	day	1			•		1080	0	1,080	0	1,080
1.0	Sub Total			ļ						1,080	0	1,080
1.50]	j]			
	Total									1,080	57	7,891
		i	1				}	I				

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

FC: YEN

LC: US\$ Plate Compactor 60-100kg per day US\$=¥120 Basic Price Unit Cost Total Work Item Unit Quantity No Equipment Material Labor Amount īπ FC FC LC FÇ LC LC YEN LC FC 1 Material 5.00 Fuel & Lubricant 0.33 198 L.S. 2.00 240 Others Sub Total 438 2 Labor Operator man.day 33.00 3,960 L.S. 0.00 Others 3,960 Sub Total 3 Equipment 212.4 212.40 Plate Compactor day 212 212.40 Sub Total 212 212 37 249 Total

Fuel & Lubricant: 5ps x 0.2 x 5 x 1.05

FC: YEN

	Z11000E						I O. ILII	•				•
	Concrete Mixer 0.6m3 p	er day			<u> </u>	ا	LC: US\$					US\$=¥12
No	Work Item	Unit	Quantity			Bas	sic Price			Unit	Cost	Total
] [Mate	erial	La	bor	Equipa	nent	Am	ount	in
		<u> </u>		FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material											
	Fuel & Lubricant	lr.	0.00	0	0.33	ľ				0	0	
	Others	L.S.	1	0	0.00		ļ			0	0	
	Sub Total				· i				,	. 0	. O	
										,	·	
	2 Labor		1				İ			•		
	Operator	man.day	1			0	33.00			0	33	3,96
	Others	L.S.	1			0	0.00			0	0	
	Sub Total									. 0	33	3,9
			1		·							
	3 Equipment											
	Concrete Mixer 0.6m3, 7.5kw	day	1 1					6480	. 0	6,480	0	6,4
	Sub Total	ľ	1 1			ŀ				6,480	•	
		1						-		,,,,,,	, and the second	
	Total		1 1							6,480	33	10,4
٠.									İ ·	0,100	"	, ,,,,

FC: YEN

LC: US\$ Truck 8t per day US\$=¥120 Basic Price Work Item Unit Quantity Unit Cost No Total Material Labor Equipment Amount în LC FC LC FC LC FC FC LC YEN 1 Material Fuel & Lubricant 233.00 0.33 .77 9,227 L.S. 3.00 360 Others 9,587 Sub Total 80 2 Labor Operator man.day 33.00 33 3,960 L.S. 0.00 Others 33 Sub Total 3,960 3 Equipment Truck 8t day 3480 3,480 3,480 3,480 Sub Total 3,480 3,480 113 17,027 Total

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

2H0603-1 2H0604-1

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT
2H0603 and 2H0604

Dump truck 10t per day

	Dump truck 10t per day	'					LC: US\$					US \$= ¥120
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
			• • [Mate	erial	L	abor	Equip	ment	Am	ount	in
- 1-		<u>L</u>		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	309.00	0	0.33					0	102	12,236
	Others	L.S.	- 1	. 0	3.00					. 0	. 3	360
	Sub Total									. 0	105	12,596
							1					
2	Labor		-									
	Operator	man.day	1			0	33.00			0	33	3,960
	Others	L.S.			,	. 0	0.00			0	σ	. 0
	Sub Total		1 1							0	33	3,960
		1.									·	
	Equipment						ļ	*				
	Dump truck 10t	day	1					6720	0	6,720	0	6,720
	Sub Total	1		·				•		6,720	0	6,720
	Total									6,720	138	23,276
		ŀ	1				Ī .	İ		1		,

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

2H0603 and 2H0604

FC: YEN LC: US\$

US\$=¥120

Generator 45KVA per day

No	Work Item	Unit	Quantity			В	asic Price			Un	it Cost	Total
	ļ			Mate	erial	L	abor	Equip	ment	_ Ar	mount	in
		<u> </u>		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	ir.	72.00	0	0.33					- 0	24	2,851
	Others	L.S.	1	0	0.00					0	G	O.
	Sub Total					•				0	24	2,851
2	Labor				ļ						,	
	Operator	man.day	1			0	33.00		•	. 0	33	3,960
1	Others	L.S.	1.			. 0	0.00			0	0	0
	Sub Total			·						0,	33	3,960
] .	1	1	ì	Ì							
3	Equipment											
	Generator 45KVA	day	1					1080	0	1,080	. 0	1.080
	Sub Total		1	1	1					1,080	. 0	1,080
	1	1	1.									•
	Total									1,080	57	7,891
			<u> </u>								_	l

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

2H0603-3 2H0604-3

FC: YEN

	Backhoe 0.8 m3 per day			·	· · · · · · · · · · · · · · · · · · ·		LC: US\$		·		·	US\$=¥120
No	Work Item	Unit	Quantity			Ba	sic Price			Uni	t Cost	Total
			1 1	Mate	eria!	L	abor	Equip	ment	Ar	nount	in
			<u> </u>	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	283.00	0	0.33		1			0	93	11,207
	Others	L.S.	1	0	2.00	*				0	2	240
	Sub Total									0	95	11,447
	. *			j				* * .				
2	Labor					*						
	Operator	man.đay	1			. 0	33.00	-		0	33	3,960
	Others	L.S.	1			0	0.00	•		0	٥	c
	Sub Total									0	33	3,960
								•				
3	Equipment											
	Backhoe 0.8m3	day	1					11280	0	11,280	o	11,280
	Sub Total]					·			11,280	0	11,280
	·			1				·	į l			
	Total	1				,	ĺ			11,280	128	26,687
		}								,		20,007

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2H0603 and 2H0604

	Dista Composter 60-100		da.				LC: US\$			4		US\$=¥12
h	Plate Compactor 60-100							·· · · · · · · · · · · · · · · · · · ·		£ 1ta	04	
4o	Work Item	Unit	Quantity				sic Price			···	Cost	Total
		1	1 . L	Mate			abor	Equip	ment	Am	ount	in
i	<u> </u>	1		FC	LC	FC	LC	FC	LC	FG	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	5.00	o	0.33					0	2	1
	Others.	L.S.	1	0	2.00					o	2	2
	Sub Total				·			·		0	4	4
2	Labor	}										· .
	Operator	man.day	1	į		0	33.00			0	33	3.
	Others	L.S.	1	.]		0	0.00			0	0	
	Sub Total									0	33	. 3,
3	Equipment					Į	* .					
	Plate Compactor	day	1					212,4	o	212.40	0	
	Sub Total			. 1						212.40	0	
. !							•					
	Total									212	37	
	- P	1	1		- 1	- 1		•]	ł		

Fuel & Lubricant: 5ps x 0.2 x 5 x 1.05

2H0603-5 2H0604-5

FC: YEN

Concrete Mixer 0.6m3 per day LC: US\$ US\$=¥120 Basic Price Work Item Unit Quantity Unit Cost Total Material Labor Equipment Amount in FC LC FC LC FC FC LC LC YEN 1 Material Fuel & Lubricant 0.00 0.33 L.S. 0.00 Others Sub Total 2 Labor 33.00 33 Operator man.day 3,960 L.S. 0.00 Others Sub Total 33 3,960 3 Equipment Concrete Mixer 0.6m3, 7.5kw day 6480 6,480 6,480 Sub Total 6,480 6,480 Total 6.480 33 19,440

FC: YEN LC: US\$

	2110000											
	Truck crane 16t per d			 			LC: US\$					US \$= ¥12
No	Work Item	Unit	Quantity			B	asic Price			Unit	Cost	Total
	1		1 [Mate	rial	Ļ	abor	Equip	ment	Am	ount	in
	{	<u> </u>		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Meterial											
	Fuel & Lubricant	lr.	232.00	0	0.33					. 0	. 77	9,1
	Others	L.S.		0	0.00		·			0	. 0	
	Sub Total									0	77	9,18
			1 1									
2	Labor	.]	1 1					٠			·	
-	Operator	men.day	. .			0	33.00			. 0	33	3,9
	Others	L.S.	1 1		-					0	0	-1
	Sub Total		1 1	i	1					n	33	3,9
	Sub Total	- 1	1	1	Ì							0,0
2	Equipment											
. 3	Truck with crane 8t	day	,					9480	0	9,480	o	9,4
	1	Uay	'	•	1			3400	Ĭ	9,480	•	9,4
	Sub Total			1						3,400		3,4
		-	} ·	1						0.40=		
	Total	.	1 1	•						9,480	110	22,6
	1	i	1	1			1		· i			

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05 100ps x 0.2 x 6 x 1.05

Truck 8t per day

FC: YEN

	Truck at per day						FC: 022					US\$=¥120
No	Work Item	Unit	Quantity			Ba	isic Price			Unit	Cost	Total
				Mat	erial	با	abor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material								_			
	Fuel & Lubricant	lr.	233.00	0	0.33		**.			. 0	77	9,22
	Others "	L.S.	1	0	3.00	. 1				0	3	360
	Sub Total	i .				i			1	0	80	9,587
		ļ		•		į		10 mg				
2	Labor	1										•
	Operator	man.day	1			0	33,00			0	33	3,960
	Others	L.S.	1			0	0,00			0	0	
•	Sub Total	ľ	1						1	0	33	3,960
		1										
Э	Equipment		1									÷
	Truck 8t	day	1			j	*	3480	0	3,480	0	3,480
	Sub Total							·		3,480	0	3,480
٠. :		1		,							·	
	Total	1								3,480	113	17,027
	."	1	1						1		,	

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

FC: YEN

	Dump truck 10t per da	у			<u> </u>		LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
	1		ļ L	Mate	erial	Ĺ	abor	Equip	ment	Arr	nount	in
İ			L	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material					:						
	Fuel & Lubricant	ir.	309.00	0	0.33					. 0	102	12,236
	Others	L.S.	1	0	3.00					0	3	360
	Sub Total									0	105	12,596
1	į											
2	Labor									·		
	Operator	man.day	1			0	33.00		ļ ·	0	33	3,960
l	Others	L.S.	1			. 0	0.00	٠		. 0	0	0
1	Sub Total		[[(0	33	3,960
									1		[·
3	Equipment										<u> </u>	
	Dump truck 10t	day	1					6720	0	6,720	0	6,720
1	Sub Total						·			6,720	0	6,720
} :]]						}]	
	Total			ļ						6,720	138	23,276
										·	<u> </u>	

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

FC: YEN

	Generator 45KVA per	day			<u> </u>		LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
			[Mate	erial		abor	Equip	ment	Am	ount	in
			[FC	LC	FC	LC	FC	LC	FC	LC	YEN
. 1	Material											
	Fuel & Lubricant	lr.	72.00	0	0.33			ŀ		0	24	2,85
	Others	LS.	1	. 0	0.00			•		. 0	0	:
	Sub Total						.*	•		0	. 24	2,85
									İ			
2	Lebor						1					
	Operator	man.day	1	·	*.	Ċ	33.00			. 0	33	3,96
	Others	LS.	1			0	0.00	1 '		0	0	•
	Sub Total		1					1		0	33	3,96
									1		, = 1	-,
3	Equipment								·			
	Generator 45KVA	day	1				,	1080	0	1,080	o	1,08
	Sub Total		1							1,080		1,08
			1.						}		-	
•	Total	1						•		1,080	57	7,89
								1				.,,,,

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

FC: YEN

US\$=¥120 LC: US\$ Backhoe 0.8 m3 per day Basic Price Unit Cost Total No Work Item Unit | Quantity Equipment Amount in Material Labor YEN LC FC LC LC FC FC LC FO 1 Material 93 11,207 283.00 0.33 Fuel & Lubricant 240 LS. 2.00 Others 11,447 Sub Total 2 Labor 33.00 33 3,960 Operator man.day 0.00 L.S. Others 3,960 Sub Total 3 Equipment 11,280 11,280 11280 Backhoe 0.8m3 day 11.280 11,280 Sub Total 11,280 128 26,687 Total

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

FC: YEN

Tire roller 8-20t per day LC: US\$ US\$=¥120

No	Work Item	Unit	Quantity			В	asic Price			Unit (Cost	Total
				Mate	erial	L	abor	Equip	ment	Amo	unt '	in
L		<u> </u>		FC	LC	FC	LC	FC	LC	FC	LC	YEN
	1 Material Fuel & Lubricant Others Sub Total	lr. L.S.	161.00 1	0 0	0.33 2.00					0 0 0	53 2 55	6,376 240 6,616
	2 Labor Operator Others Sub Total	man.day	1			. 0				0	33 0 33	3,960 0 3,960
	3 Equipment Tire roller 8-20t Sub Total	day	1			٠.		3360	0		0	3,360 3,360
	Total								·	3,360	88	13,936

Fuel & Lubricant: 96ps x 0.2 x 8 x 1.05

FC: YEN

	Tampa 60-100kg per d	ay					LC: US\$			<u> </u>		US\$=¥120
No	Work Item		Quantity			E	Basic Price			Unit	Cost	Total
			1 . [Mate	rial		Labor	Equip	ment	Am	ount	in
			L	FC	LC	FC	LC .	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	ir.	5.00	ا ٥	0.33					0	2	. 198
	Others	L.S.	1	0	0.00					0	0	٥
	Sub Total		1		}				}	0	2	198
			1.		2							·
2	Labor				•							
	Operator	man.day	1			(33.00			. 0	33	3,960
	Others	L.S.	1			(0.00		l	0	0	. 0
	Sub Total]]	0	33	3,960
٠.	***		1 1	1				,	1	1		
3	Equipment	1										
	Tampa	day	. 1 1		. [212.4	0	212.40	0	212
	Sub Total			. '						212.40	. 0	212
											1	
	Total	1			1		1.		.	212.40	35	4,370
		1	1	1	1		1 .			1.	ł	*

Fuel & Lubricant: 5ps x 0.2 x 5 x 1.05

2H0605

FC: YEN

							,	and the second second				
	Concrete Mixer 0,6m3 p	er day					LC: US\$		* -			US\$=¥120
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
				Mate	erial	Ĺ.	abor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr		0	0.33					0	0	. 0
	Others	L.S.	1	0,	0.00		<u> </u>	ļ		. 0) o	0
	Sub Total		1							0	o	O
			1									
2	Labor	1					1	·				
	Operator	man.day	/ 1			σ	33.00		·	0	33	3,960
	Others	L.S.] 1			G	0.00			0	0	.0
	Sub Total									0	33	3,960
. 3	Equipment		1									
	Concrete Mixer 0.6m3	day	1 1					6480	. 0	6,480.00	lol	6,480
	Sub Total									6,480.00	1	
				·					-	2,1210		.,
	Total	1						·		6,480.00	33	10,440
		}	1 1							}	}	

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT
2H0606
Truck 8t per day

	Truck 8t per day						LC: US\$		· ·			US\$=¥120
No	Work Item	Unit	Quantity			В	sic Price			Unit	Cost	Total
	·		[Mate	rial	Ļ	abor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	233.00	0	0.33					0	77	9,227
	Others	L,S.	1	0	3.00				• !	0	3	360
	Sub Total									. 0	80	9.587
				1	ļ							•
	Labor	-			.				Ì	_		
	Operator	man.day	1	. [0	33.00			0	33	3,960
	Others	L.S.	1	i		Q	0.00			0	C	. 0
	Sub Total									- 0	- 33	3,960
2	Equipment								·			
٥	Truck 8t	day	.					3480	0	3,480	٥	3,480
	I .	day	' -		.			0.100	·	3,480		3,480
	Sub Total				-			*		3,460	· ·	3,400
	Total									3,480	113	17,027
	Otal			ŀ	I	-				0,700		17,027

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

FC: YEN

LC: US\$ US\$=¥120 Dump truck 10t per day

No	Work Item	Unit	Quantity			Ва	sic Price	-		Unit	Cost	Total
				Mate	erial	L	abor	Equip	ment	Ame	ount	in
-				FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material Fuel & Lubricant Others Sub Total	lr. L.S.	309.00	0		1				0 0 0	102 3 105	12,236 360 12,596
	Labor Operator Others Sub Total	man.day L.S.	1			O O	33.00 0.00			0 0 0	33 0 33	3,960 0 3,960
	Equipment Dump truck 10t Sub Total Total	day	1					6720	0	6,720 6,720 6,720	0 0 1 38	6,720 6,720 23,276

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT 2H0606 Congretor ASKVA ner day

	ZHUDUO						CO. TEN					
	Generator 45KVA per o	ay					LC: US\$					US\$=¥1
No	Work Item		Quantity			В	asic Price			Un	it Cost	Total
				Mate	erial	Ĺ	abor	Equip	ment	A	mount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	72.00	. 0	0.33			:	Ì	0	24	2,:
	Others	L.S.	1	0	0.00					0	0,	
	Sub Total		[[Í						0	24	2.
2	Labor							٠.			. 1	
	Operator	man.day	, ,			σ	33.00			0	33	3
	Others	L.S.	1			σ	0.00			. 0	l o	
	Sub Total	_,_,					!			0	33	3
				·							,	
3	Equipment								į		. !	
	Generator 45KVA	day	1		• .]	1080	0	1,080	0	1
	Sub Total						1			1,080	0	1
							1 .				1	
	Total									1,080	57	7.
		1	1		j	j					1	

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT
2H0606

sckhoe 0.8 m3 per day											
JONNOC DID IND PCI GG		····				LC: US\$					US\$≕¥1
Work Item	Unit	Quantity			Ba	sic Price			Un	it Cost	Total
	1	[Mate	rial	L	abor	Equip	ment	A	mount	in
Karaman and American American		[FC	LC	FC	LC	FC	LC	FC	LC	YEN
iterial											
el & Lubricant	ir.	283.00	o	0.33	{				. 0	93	11,
hers	L.S.	1	o	2.00					. 0	2	
b Total	ł	1	. }	ł		}		ļ., i	σ	95	11,
			• [. [
bor	-		1	1				1.			
erator	man.day	1	ĺ	1	ø	33.00			. 0	33	3
hers	L.S.	1		.	. 0	0.00		·	0	. 0	
b Total	J		J	1	}			·	O	33	3
ulpment										·	
·	day	1	1	1		-	11280	0	11,280	0	• 11
	,			ĺ						l · ·	. 11
			į			Ì			, , , , ,		
tal		1 1	ĺ			•		!	11.280	128	26.
									, ,,200	120	10.
	terial el & Lubricant hers b Total bor erator hers	terial el & Lubricant ir. hers L.S. b Total bor erator man.day hers L.S. b Total uipment ckhoe 0.8m3 day b Total	terial el & Lubricant hers b Total bor erator hers b Total uipment ckhoe 0.8m3 b Total	Mate FC	Material FC LC	Material L FC LG FC	Material Labor FC LC FC LC	Material Labor Equip. FC LC FC LC FC	Material Labor Equipment FC LC FC LC	Material Labor Equipment A	Material Labor Equipment Amount

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT
2H0606

FC: YEN LC: US\$

	Plate Compactor 60-100	g per	day				LC: US\$					US\$=\$120
No			Quantity			В	asic Price			Uni	t Cost	Total
		1			erial	į	abor	Equip	ment	Ar	nount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material						}					
	Fuel & Lubricant	lr.	5.00	0	0.33				j	0	2	198
	Others	L.S.	1	0	2.00					0	2	240
	Sub Total									0	4	438
2	Labor							'				
	Operator	man.day	/ 1		1. 1	Ø	33.00			0	33	3,960
	Others	L.S.	1			0	0.00			0	0	(
	Sub Total			-						0	33	3,960
3	Equipment											
	Plate Compactor	day	1 1				1	212.4	0	212.40	0	212
	Sub Total						1			212.40	. 0	212
	Total									212	37	249
	The second second				i l							

Fuel & Lubricant: 5ps x 0.2 x 5 x 1.05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT
2H0606
Concrete Mixer 0 fm3 per day

FC: YEN

	Concrete Mixer 0.6m3 pe	er day					LC: US\$					US\$≈¥120
No	Work (tem	Unit	Quantity			Ва	sic Price			Unit	Cost	Total
				Mat	erial	L	abor	Equip	ment	Am	ount	in
Ĺ		<u> </u>		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
•	Fuel & Lubricant	lr.	0.00	0	0.33				1	0	0	0
	Others .	L.S.	. 1	0	0.00				1	0	0	0
	Sub Total		}	*. 	} .		}				0	0
į .									1			
. 2	Labor						ļ .					
		man.day	1			. 0	33.00		}	0	33	3,960
	Others	L.S.	1			. 0	0.00			0	.0	. 0
	Sub Total									0	. 33	3,960
							J .	· ·			j	
3	Equipment					$x_{i_{1}} = x_{i_{1}}$			l			
	Concrete Mixer 0.6m3, 7.5kw	day	1 1				!	6480	0	6,480	o	6.480
]	Sub Total]] .]				<u> </u>			6,480	, :	6,480
		İ										•,,,,,
	Total		1							6,480	33	10,440
	T Occ.								ĺ	0,440	. 33	10,440

Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2H0701

LC: US\$ US\$=¥120 Dump truck 10t per day Basic Price Unit Cost Work Item Unit Quantity Total No Material Equipment Labor Amount in FC LC FC LC FC LC FC LC YEN 1 Material 12,236 309.00 0.33 102 Fuel & Lubricant 3.00 360 Others L.S. 105 12,596 Sub Total 2 Labor 33.00 3,960 Operator man.day L.S. 0.00 Others 33 3,960 Sub Total 3 Equipment 6720 6,720 Dump truck 10t day 6,720 6,720 Sub Total 6,720 6,720 138 23,276 Total

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

FC: YEN

LC: US\$ US\$=¥120 Backhoe 0.8 m3 per day Unit Cost Total No Work Item **Basic Price** Unit | Quantity Labor Equipment Amount Material in FC LC LC FC LC FC LC YEN FC 1 Material Fuel & Lubricant 283,00 0.33 93 11,207 L.S. 2.00 240 Others 95 Sub Total 11,447 2 Labor 33.00 3,960 Operator man.day L.S. 0.00 Others Sub Total 3,960 3 Equipment Backhoe 0.8m3 11280 11,280 11,280 day 11,280 11,280 Sub Total 128 Total 11,280 26,687

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT
2H0702

	2HU/U2						(O. 1 L.(1					1100 11100
	Truck 8t per day						LC: US\$, 		US\$=¥120
No	Work Item	Unit	Quantity			Ba	sic Price			Unit	t Cost	Total
		Í	1	Mate	erial	L.	abor	Equip	ment	Arr	nount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	233.00	0	0.33					0	77	9,227
	Others	L.S.	1	0	3.00			I		0	3	360
	Sub Total		1		1					0	80	9,587
		}	1 ' 1									
- 2	Labor	1	1		i.				ļ			
	Operator	man.day	/ 1	,	1	Ø	33.00		i ·	0	33	3,960
	Others	L.S.	1	Ì	•	0	0.00	-	l ·	0	0	0
	Sub Total							·		0	33	3,960
3	Equipment		1						ļ		* .	
	•	day	1 1		•		·	3480	0	3,480	0	3,480
	Truck 8t	Juay	'							3,480	1 9	3,480
	Sub Total											5,100
	Total									3,480	113	17,027
			1 . 1	į	•			•		1.00		

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2H0702

ín

2,851

LC: US\$ Generator 45KVA per day US\$=¥120 Basic Price Work Item Unit Cost Total No Unit Quantity Material Labor Equipment Amount FC LC FC LC FC LC FC LC YEN 1 Material Fuel & Lubricant 72.00 0.33 24 Others L.S. 0 0.00

	Sub Total			· ·				·	0	. 24	2,851
ı	Labor										
•	[man.day	1		0	33,00 0.00) . i		0	33 0	3,960 0
	Sub Total				. ~				0	33	3,960
.3	Equipment										
	Generator 45KVA	day	1				1080	0	, ,	i i	1
	Sub Total					i			1,080	0	1,080
	Total								1,080	57	7,891
	ĺ		Į .			1.0					

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

FC: YEN

	Plate Compactor 60-10	Okg per	day				LC: US\$					US\$=¥120
No	Work Item		Quantity			В	asic Price			Uni	t Cost	Total
				Mate	erial	L	abor	Equip	ment	Ar	nount	in
}				FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material											
	Fuel & Lubricant	lr.	5.00	0	0.33					0	2	198
	Others	L.S.	1	· 0	2.00			·	. *	0	2	240
	Sub Total			ļ				*		0	4	438
1		1		1		,						
2	Labor								1 -]		
	Operator	man,day	, 1	,		. 0	33.00			0	33	3,960
	Others	L.S.	1			σ	0.00		Ì	· · · o	0	Ċ
}	Sub Total		1				•			l o	33	3,960
										1		
3	Equipment			·			,					
	Plate Compactor	day	1					212.4	0	,	0	212
	Sub Total									212.40	0	212
'												
	Total									212	37	249
		- [

Fuel & Lubricant: 5ps x 0.2 x 5 x 1.05

FC: YEN

	LITOTOL				O. Tele								
	Concrete Mixer 0.6m3 pe	r day					LC: US\$	<u> </u>	5.3			US\$=¥120	
No	Work Item	Unit	Quantity			Ва	Unit Cost Amount		Total in				
				Material		Labor				Equipment			
				FC	LC	FC	LC	FC	LC	FC	LC	YEN	
1	Material]				
	Fuel & Lubricant	lr.	0.00	0	0.33					0	0		
	Others	L.S.	1	0	0.00	•				0	0	C	
	Sub Total								Ī	0	С	O	
	Labor] .]										
		man.day	1			0	33.00			0	33	3,960	
	Others	L.S.	1			٥	0.00		[0	0	. 0	
	Sub Total	l	1						·	} 0	33	3,960	
3	Equipment	ļ			·								
	Concrete Mixer 0.6m3, 7.5kw	day					ļ	6480		6,480		6,480	
	Sub Total	uay	[']					. 0400	ľ			!	
	John Lotal									6,480		6,480	
	Total									6,480	33	10,440	

2H0703

	Truck 8t per day							US\$=¥120 Total in				
No	· · · · · · · · · · · · · · · · · · ·	Unit	Quantity			В	Unit Cost Amount					
		1		Material		Labor			Equipment			
•				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	233.00	0	0.33	•			·	0	77	9,22
	Others	L.S.	1 1	이	3.00					이	3	36
	Sub Total									0	80	9,58
				·							1	
. 2	Labor		1.								-	0.00
	Operator	man.day	/ 1			0	33.00			. 0	33	3.96
	Others	L.S.	. 1	-		0	0.00			0 %	0	
	Sub Total	İ	1 1		,					0	33	3,96
٠.										'	}	
3	Equipment			ł						1		
	Truck 8t	day	1 1			•		3480	0	3,480	0	3,48
	Sub Total] . · ·				* .			3,480	0	3,48
	_									3,480	113	17,02
	Total									3,460	113	: 1,02

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT
2H0703

FC: YEN

2H0703 FC:
Dump truck 10t per day LC:

Dump truck 10t per day	<u>/</u>					LC: US\$		·			US\$=¥120
Work Item	Unit	Quantity			Ва	asic Price			Unit	Cost	Total
	1.	[Mate	erial	Ļ	abor	Equip	ment	Am	ount	in
			FC	LC	FC	LC	FC	LC	FC	70	YEN
Material											
Fuel & Lubricant	lr.	309.00	0	0.33				ļ	0	102	12,236
Others	L.S.	1	0	3.00					0	3	. 360
Sub Total					,			1	0	105	12,596
				1				}			
Labor		1	ſ	. [
Operator	man.day	1			. 0	33.00	·		. 0	33	3,960
Others	L.S.	1		•	0	0.00			0	0	. 0
Sub Total	1.								0	33	3,960
	ł										
Equipment	-			. [ĺ		[
Dump truck 10t	day	1					6720	. 0	6,720	9	6,720
Sub Total				,					6 ,720	0	6,720
V 10				ļ							,
Total								•	6,720	138	23,276
						·					
	Work Item Material Fuel & Lubricant Others Sub Total Labor Operator Others Sub Total Equipment Dump truck 10t Sub Total	Work Item Unit Material Fuel & Lubricant Ir. Others L.S. Sub Total Labor Operator man.day Others L.S. Sub Total Equipment Dump truck 10t day Sub Total	Work Item Unit Quantity Material Fuel & Lubricant Ir. 309.00 Others L.S. 1 Sub Total Labor Operator man.day 1 Others L.S. 1 Sub Total Equipment Dump truck 10t day 1 Sub Total	Work Item	Work Item Unit Quantity Material FC LC Material FC LC Material FC LC Material FC LC Material 0 0.33 Others L.S. 1 0 3.00 Sub Total L.S. 1 0 3.00 Labor Operator man.day 1 1 Others L.S. 1 1 Sub Total Equipment 0 0 0.33 Dump truck 10t day 1 1 Sub Total 1 0 0 0.33 3.00 0 0 0.33 0 0 3.00 0 0 0 0 3.00 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Work Item	Work Item	Work Item	Work Item	Work Item	Work Item

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2H0703

FC: YEN

	Generator 45KVA per	day					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity				Basic Price			Un	it Cost	Total
				Mate	erial		Labor	Equip	ment	A	mount	in
			1	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	72.00	0	0.33				ļ .	. 0	. 24	2,851
	Others	L.S.	1	0	0.00		1			0	0	0
	Sub Total									. 0	24	2,851
									1			
2	Labor				}							
	Operator	man.day	. 1				0 33.00			. 0	33	3,960
	Others .	L.S.	1				0.00			0	0	0
	Sub Total					-				0	33	3,960
3	Equipment											
	Generator 45KVA	day	1					1080	0	1,080	0	1,080
	Sub Total		 							1,080	. 0	1.080
				Ì		4						
	Total	1								1,080	57	7,891
] [

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

2H0703

FC: YEN

Backhoe 0.8 m3 per day

LC: US\$

	Backhoe 0.8 m3 per da	<u>/</u>					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Ba	sic Price			Un	it Cost	Total
		-	E	Mate	erial	L	abor	Equip	ment	Α	mount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN_
1	Material							-				
	Fuel & Lubricant	lr.	283.00	0	0.33					. 0	93	11,207
	Others	L.S.	1	0	2.00					0	2	240
	Sub Total			ſ						0	95	11,447
2	Labor											
	Operator	man.day	1		•	0	33.00			0	. 33	3,960
	Others	L.S.	. 1			0	0.00			0	0	. 0
	Sub Total							4		0	33	3,960
3	Equipment				1	•		ž.				
	Backhoe 0.8m3	day	1					11280	0	11,280	c	11,280
	Sub Total			ſ						11,280	í i	11,280
						-	·	,				
	Total									11,280	128	26,687

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT
2H0703

Plete Compactor 60-100kg, per, day

FC: YEN

	2H0703					*	7 O, 1 E14			•	-	1106-11405
	Plate Compactor 60-100	kg per	day				LC: US\$				· · · · · · · · · · · · · · · · · · ·	US\$=¥12
No	Work Item		Quantity			В	asic Price			Un	it Cost	Total
					erial	L	abor	Equip	ment	Aı	mount	in
		_		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	5.00	0	0.33					. 0	. 2	19
	Others	L.S.	1	0	2.00					0	2	24
	Sub Total			. ,						0	. 4	43
2	Labor						1					
	Operator	man.day	1			0	33.00	•		. 0	33	3,96
	Others	L.S.	1			0	0.00			. 0	0	
٠	Sub Total									0	33	3,96
	1											
3	Equipment											
	Plate Compactor	day	1				1	212.4	0		[21:
	Sub Total									212.40	0	21
						i					,	
	Total						1.			212	37	249
	1											

Fuel & Lubricant: 5ps x 0.2 x 5 x 1.05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT
2H0703

FC: YEN

	Concrete Mixer 0.6m3 pe	er day	·				LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Ba	sic Price			Unit	Cost	Total
		Ì	1. [Mate	erial	l.	abor	Equip	ment	Am	ount	in .
]		FC	LC	FC	LC	FC	LC	FC	LC	YEN
. 1	Material											
	Fuel & Lubricant	lr.	0.00	i o	0.33					0	0	0
	Others :	L.S.	1	0	0.00			! · !		. 0	· 0	O
	Sub Total				* .					0	0	0
		l			· . [·			
2	Labor		{	·	[**	1.0					
	Operator	man.day	1		ļ	0	33.00			0	. 33	3,960
٠.	Others	L.S.] [1	. 0	0.00			0	0	0
	Sub Total									0	33	3,960
	ļ ·		1									
3	Equipment	1		İ	- 1	*			ĺ	į		4.
	Concrete Mixer 0.6m3, 7.5kw	day	1					6480	o	6,480	0	6.480
	Sub Total	j .		}	}		J]	6,480		6,480
		} ·			.		1	·				
	Total	1		1	. 1		1		}	6,480	33	10,440
	1			1						3,100		2-, (10

APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2H0704 Truck crane 16t per day

FC: YEN

200704						1 0. 12.1					
Truck crane 16t per	day					LC: US\$					US\$=¥12
	Unit	Quantity			Ba	asic Price			Unit	Cost	Total
		ļ	Mate	rial	L	abor	Equip	ment	Am	ount	in 🐇
		<u> </u>	FC	LC	FC	LC	FC	LC	FC	LC	YEN
Material								•			
Fuel & Lubricant	lr.	232.00	0	0.33					0	77	9,1
Others	L.S.	1	. 0	0.00				•	0	이	
Sub Total				Ì		·			. 0	77	9,1
			1	ļ						ĺ	
Labor		1								ļ	·
Operator	man.day	1			Ø	33.00		i	. 0	33	3,9
· ·	L.S.	1			Ø	0.00			0	0	
1						}			0	33	3,9
		1									
 Fouinment		1						{			•
P .	day	1					9480	0	9,480	o	9,4
1	17					ĺ			9,480	· o	9,4
							-				**
Total		1					2		9,480	110	22,0
i otai		1		. [•	1			
	Material Fuel & Lubricant Others Sub Total	Work Item Unit Material Fuel & Lubricant Ir. Others L.S. Sub Total Labor Operator man.day Others L.S. Sub Total Equipment Truck with crane 8t Sub Total	Work Item Unit Quantity Material Fuel & Lubricant Ir. 232.00 Others L.S. 1 Sub Total Labor Operator man.day 1 Others L.S. 1 Sub Total Equipment Truck with crane 8t Sub Total	Work Item	Work Item	Truck crane 16t per day	Work Item	Truck crane 16t per day	Truck crane 16t per day	Truck crane 16t per day	Work Item Unit Quantity Basic Price Unit Cost

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05 100ps x 0.2 x 6 x 1.05

FC: YEN

	Truck 8t per day		·				LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
		1	í. [Mate	rial	L	abor	Equip	ment	Am	ount	in
			[FC	LC	FC	LC	FC_	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	Ir.	233,00	o	0.33				}	0	77	9,227
	Others	L.S.	1	0	3.00				!	0	3	360
	Sub Total								ļ	0	80	9,587
2	Labor			.			·	<u> </u>				
	Operator	man.day	t			0	33.00		}	. 0	33	3,960
	Others :	L.S.	1			0	0.00		1	0	0	. 0
	Sub Total			1						0	33	3,960
3	Equipment											
	Truck 8t	day	1	-				3480	0	3,480	. 0	3,480
	Sub Total									3,480	0	3,480
	Total									3,480	113	17,027

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

FC: YEN

LC-US\$ Dump truck 10t per day

	Dump truck 10t per da	y					LC: US\$			<u> </u>	·	US\$=¥120
No	Work Item	Unit	Quantity			B	asic Price			Unit	Cost	Total
				Mate	erial	L	abor	Eguip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	309.00	0	0.33			٠		0	102	12,23
	Others	L.S.	1	0	3,00				ļ	0	3	360
	Sub Total				· .		•	ì		0	105	12,596
								<i>:</i>	Ì			
2	Labor											
	Operator	man.day	1			· 0	33.00	٠.		. 0	33	3,96
	Others	L.S.	1		1	8	0.00		1	O	0	
	Sub Total		1. 1		}				}	0	33	3,960
			1		•		[
3	Equipment	İ		.								
	Dump truck 10t	day	1 1		1			6720	0	6,720	. 0	6,720
	Sub Total			İ	,					6,720	ľ	6,720
							ł		1			
	Total	}	1 1		ł		· ·		İ	6,720	138	23,278
ļ				į								,

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

FC: YEN

щ			
Generator 45KVA	per day		**

ì	1S\$=¥1	20

	2110701						1 0, 12,1					
	Generator 45KVA per d	ay					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
		1	1 [Mate	erial	L	abor	Equip	ment	Am	ount	ín
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	72,00	. 0	0.33					0	24	2,851
	Others	L,S.	1	ol	0.00					0	0	0
	Sub Total									. 0	24	2,851
										•		
2	Labor	,									·	
	Operator	man.day	1	Ì		0	33.00	•		0	33	3,960
	Others	L.S.	1 1	İ		. 0	0.00			О	0	0
	Sub Total									0	33	3,960
		1		İ					1			
3	Equipment			1	ļ							
	Generator 45KVA	day	1	1			}	1080	0	1,080	0	1,080
	Sub Total]		İ		İ			1,080	l §	1,080
]		'							-,
	Total				•					1,080	57	7,891
												- 144 1

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

LS.

day

Backhoe 0.8 m3 per day

Others :

Sub Total

3 Equipment

Sub Total

Total

Backhoe 0.8m3

FC: YEN

LC: US\$ US\$=¥120 Basic Price Unit Cost Total Work Item Unit Quantity No Material Labor Equipment Amount in FC LC FC LÇ FC LC FC LC YEN 1 Material Fuel & Lubricant 283.00 11,207 0.33 L.S. 2.00 240 Others 95 11,447 Sub Total 2 Labor Operator man.day 33.00 33 3,960

0.00

11280

11.280

11,280

11,280

128

3,960

11,280

11,280

26,687

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

FC: YEN

	Tire roller 8-20t per da	У					LC: US\$		· · · · · · · · · · · · · · · · · · ·			US\$=¥120
No	Work Item	Unit	Quantity			Ba	sic Price		_	Unit	Cost	Total
1		1		Mate	rial		abor	Equip	ment	Am	ount	in
<u> </u>				FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material											
1	Fuel & Lubricant	lr.	161.00	0	0.33				·	0	53	6,376
	Others	L.S.	1	0	2,00					0	2	. 240
	Sub Total				1					. 0	55	6,616
1				į		·					[
1 .	2 Labor	1	}	·						1		
1:	Operator	man.day	, 1			0	33.00			0	33	3,960
	Others	L.S.	1			0		!		0	0	۵
1.	Sub Total	1			.					0	33	3,960
			1 1	.]		·		·				
	Equipment	1		.								·
	Tire roller 8-20t	day	1				·	3360	. 0	3,360	0	3,360
1	Sub Total	'								3,360	l .	3,360
				. [.							0,200
	Total			. [3,360	88	13,936
1	1020		1 1		:					0,000		10,000

Fuel & Lubricant: 96ps x 0.2 x 8 x 1.05

2H0704

FC: YEN

LC: US\$ Tampa 60-100kg per day US\$=¥120 Unit Cost Basic Price Total Work Item Unit Quantity in Labor Equipment Amount Material LC LC FC LC YEN FC LC FC FC 1 Material 0.33 198 Fuel & Lubricant 5.00 L.S. 0.00 Others 198 Sub Total 2 Labor 33 33,00 3,960 Operator man,day 0.00 L.S. Others 33 3,960 Sub Total 3 Equipment 212.40 212 212.4 Tampa . day 212 212.40 Sub Total 35 4,370 212.40 Total

Fuel & Lubricant: 5ps x 0.2 x 5 x 1.05

FC: YEN

	Concrete Mixer 0.6m3	er day					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Ba	asic Price			Unit	Cost	Total
·			[Mate	rial	L	abor	Equip	ment	Am	ount	in
				FC .	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr,	0	· 0	0.33					0	0	0
	Others	L.S.	1 1	اه	0.00					. 0	0	o
	Sub Total			[{		[0	o	0
				1	1							
2	Labor				j)		,			<u> </u>
	Operator	man.day	1 1	. [O	33.00			0	33	3,960
	Others	L.S.	1			0	0.00		Ì	. 0	0	0
	Sub Total		-							0	33	3,960
			1									
3	Equipment			{					ļ :			
	Concrete Mixer 0.6m3	day	1	1	·		ļ	6480	0	6,480.00	0	6.480
	Sub Total			ĺ					[6,480.00	0	6,480
			i !									
	Total				Ì					6,480,00	33	10,440
	1	1 .	1 1	ì	ſ		(•	1 1			

APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2H08,2H09 and 2H10

FC: YEN

LC: US\$ Truck crane 16t per day US\$=¥120 Basic Price Unit Cost Work Item Unit Quantity Total Equipment Material Amount Labor ์ก LC FC LC FC LC FC FC LC YEN 1 Material 77 9,187 Fuel & Lubricant 232,00 0.33 L.S. 0.00 Others 77 9,187 Sub Total 2 Labor 33.00 33 3,960 Operator man.day 0.00 L.S. Others 33 3.960 Sub Total 3 Equipment 9480 9,480 Truck crane 16t 9,480 day 9,480 9,480 Sub Total 9,480 110 22,627 Total

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05 100ps x 0.2 x 6 x 1.05

2H08-1

2H09-1

2H10-1

2H08,2H09 and 2H10

FC: YEN

LC: US\$ US\$≃¥120 Truck 8t per day Basic Price Total Work Item Unit Quantity Unit Cost Material Labor Equipment Amount in FC LC FC LC FC LC FC LC YEN 1 Material Fuel & Lubricant 77 9,227 233.00 0.33 360 L.S. Others 3.00 9,587 Sub Total 80 2 Labor Operator 33.00 33 3,960 man.day 0.00 L.S. Others 3,960 Sub Total 33 3 Equipment Truck 8t day 3480 3,480 3,480 3,480 3,480 Sub Total Total 3,480 113 17,027

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2H08,2H09 and 2H10 Dump truck 10t per day

FC: YEN

Dump truck 10t per day	У .					LC: US\$					US\$=¥1 2 0
		Quantity			В	asic Price			Unit	Cost	Total
	1		Mate	rial	i.	abor	Equip	ment	Amo	ount -	. in
			FC	LC	FC	LC	FC	LC	FC	LC	YEN
Material										Ì	
Fuel & Lubricant	lr.	309.00	0	0.33		•			0	102	12,23
Others	L.S.	1	0	3.00	•				. 0	3	360
Sub Total									0	105	12,59
Labor						·			·		
Operator	man.day	1			. 0	33,00		ļ	0	33	3.96
Others	L.S.	. 1			0	0.00	·		0	0	
Sub Total									0	33	3,96
P			[N.
1	day	1		ļ			6720	0	6,720	0	6,72
Sub Total									6,720	0	6,72
Total									6,720	138	23,27
	Work Item Material Fuel & Lubricant Others Sub Total Labor Operator Others Sub Total Equipment Dump truck 10t Sub Total	Material Fuel & Lubricant ir. Others L.S. Sub Total Labor Operator man.day Others L.S. Sub Total Equipment Dump truck 10t Sub Total	Work Item Unit Quantity Material Fuel & Lubricant Ir. 309.00 Others L.S. 1 Sub Total Labor Operator man.day 1 Others L.S. 1 Sub Total Equipment Dump truck 10t day 1 Sub Total	Work Item Unit Quantity Material FC Fuel & Lubricant Ir. 309.00 0 Others L.S. 1 0 Sub Total man.day 1 1 Chers L.S. 1 1 Sub Total day 1 1 Equipment Dump truck 10t day 1 1 Sub Total 3 1 1 1 1	Work Item Unit Quantity Material FC LC Fuel & Lubricant Ir. 309.00 0 0.33 Others L.S. 1 0 3.00 Sub Total L.S. 1 0 3.00 Labor Operator man.day 1 1 Others L.S. 1 1 Sub Total Equipment 0 4 4 Dump truck 10t day 1 1 Sub Total 1 1 1	Work [tem Unit Quantity Material L	Work Item	Work Item	Work Item	Work Item	Work Item

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

2H08-3

2H09-3

2H10-3

APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2H08,2H09 and 2H10

Generator 45KVA per day

FC: YEN

LC: US\$ US\$=¥120 Work Item Basic Price No Unit Quantity Unit Cost Total Material Labor Equipment Amount in FC LC LC FC FC LC FC LC YEN 1 Material Fuel & Lubricant 2,851 72.00 0.33 Others L.S. 0.00 Sub Total 24 2,851 2 Labor 33 33.00 3,960 Operator man.day L.S. 0.00 Others 33 Sub Total 3,960 3 Equipment Generator 45KVA 1,080 day 1080 1,080 Sub Total 1,080 1,080 57 Total 1,080 7.891

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

2H08,2H09 and 2H10

FC: YEN 10:1198

	Backhoe 0.8 m3 per	day			1		LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Ba	sic Price			Unit	Cost	Total
				Mate	erial	L	abor	Equipo	ment	Amo	ount	in
			L [FC	LC	FC	LC	FC	LC C	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	283.00	0	0.33				•	o	93	11,207
	Others	L.S.	1 1	0	2.00		ĺ			0	2	240
	Sub Total						·			0	95	11,447
2	Labor										·	
	Operator	man.day	1	į	-	O	33.00	•		이	33	3,960
	Others	L.S.	1			0	0.00			0	. 0	ı
;	Sub Total							·		0	33	3,96
3	Equipment											
	Backhoe 0.8m3	day	1			·		11280	0	11,280	0	11,280
	Sub Total									11,280	0	11,280
	Total			j						11,280	128	26,687

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

2H08-5 2H09-5 2H10-5

APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2H08,2H09 and 2H10

FC: YEN

Material	FC	asic Price abor LC	Equip FC	ment LC		Cost ount LC 53 2 55	240
FC LC 0 0.33	FC					LC 53 2	YEN 6,376 240
0 0.33		LO	FC	LC	FC 0	53 2	6,376 240
, ·)				0 0 0	2	240
, ·)				0 0 0	2	240
0 2.00					0	2 55	
					0	55	6,616
						1	
1 .)			j	
· I	0	33.00			0	33	3,960
	0	0.00			0	. 0	0
					0	33	3,960
			2000				
			3360	. U		I .	3,360
					3,360	0	3,360
1					3,360	88	13,936
		0	0 0.00			3360 0 3,360 3,360	0 33

Fuel & Lubricant: 96ps x 0.2 x 8 x 1.05

²H09-6

2H08,2H09 and 2H10

C: YEN

	Tampa 60-100kg per	day				· ·	LC: US\$	· · ·				US\$=¥120
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
				Mate	erial	ì	abor	Equip	ment	Am	ount	· in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	5.00	0	0.33	**	ł			0	2	- 198
	Others .	L.S.	1	0	0.00		ļ ·			0	0	. 0
	Sub Total				·					0	. 2	. 198
2	Labor											
	Operator	man.day	1			c	33.00			0	33	3,960
	Others	L.S.	1			0	0.00			0	0	. 0
	Sub Total			İ					1	0	33	3,960
			1									
3	Equipment						*					
	Tampa	day	1	. 1	ļ			212.4	0	212.40	. 0	212
	Sub Total				·					212.40	0	212
	Total									212.40	35	4,370

Fuel & Lubricant: 5ps x 0.2 x 5 x 1.05

2H08-7 2H09-7

2H10-7

APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2H08,2H09 and 2H10

FC: YEN

	Concrete Mixer 0.6m3 p	er day					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Ba	sic Price			Unit	: Cost	Total
].		1	1.	Mat	erial	L.	abor	Equip	ment	Am	ount	in
1		<u> </u>		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
1	Fuel & Lubricant	lr.	. 0	. 0	0.33		·			C	0	o
	Others	L.S.	1	0	0.00						o o	0
İ	Sub Total		1							C	0	. 0
							·					
2	Labor	1	{									
1	Operator	man,day	, 1			. 0	33.00	•		l c	33	3,960
	Others	L.S.	1		٠.	0	0.00				0	. 0
	Sub Total		1								33	3,960
			i				٠.			,		
1 3	Equipment	1		•.					·			
	Concrete Mixer 0.6m3	day	1 1					6480	0	6,480.00	0	6,480
	Sub Total						·			6,480.00	1 .	6,480
										3,.00.10		0,100
1	Total	1								6,480.00	33	10,440
] .			, ,			• "		*	l	3,400.00] "	10,770

FC: YEN

 Truck crane 16t per day
 LC: US\$
 US\$=¥120

Work Item	Unit	Quantity			<u></u>	asic Price			Citit	Cost	Total
	l	1 .	Mate	erial	l.	abor	Equip	ment	Am	ount	in
·	·		FC	LC	FC	LC	FC	LC	FC	LC	YEN
sterial									·	200	
el & Lubricant	lr.	232.00	0	0.33				<u> </u>	0	77	9,187
hers	L,S.	1	0	0.00					- O	0	0
ıb Total						·			. 0	77	9,187
	Į	1									5
bor											
perator	man.day	1]		ø	1			0	33	3,960
hers	L.S.	. 1	i		. 0	0,00			0	0	0
ıb Total									0	33	3,960
			-					7			•
uipment		1			*] .					
uck with crane 8t	day	1	ļ				9480	0	9,480	. 0	9,480
ib Total			-					}	9,480	0	9,480
		l·									
otal		·		•	+*				9,480	110	22,627
ett bette vuit	el & Lubricant ners b Total por erator ners b Total uipment uck with crane 8t b Total	al & Lubricant fr. hers L.S. b Total por erator man.day hers L.S. b Total sipment lick with crane 8t day b Total	el & Lubricant Ir. 232.00 hers L.S. 1 b Total or erator man.day 1 hers L.S. 1 in Total sipment lick with crane 8t day 1 or Total	el & Lubricant r. 232.00 0 ners L.S. 1 0 or erator man.day 1 ners L.S. 1 o Total uipment uck with crane 8t day 1 o Total	al & Lubricant ir. 232.00 0 0.33 hers L.S. 1 0 0.00 b Total por erator man.day 1 hers L.S. 1 b Total sipment lick with crane 8t day 1 b Total	al & Lubricant Ir.	at & Lubricant ir. 232.00 0 0.33	al & Lubricant Ir.	al & Lubricant Ir.	el & Lubricant Ir. 232.00 0 0.33 0 0 0.00 0 0 0 0 0 0	at & Lubricant

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05 100ps x 0.2 x 6 x 1.05

2H11

FC: YEN Truck St per day

	Truck 8t per day						LC: US\$					U\$\$=¥120
No	Work Item	Unit	Quantity			Ba	sic Price			Unit	Cost	Total
				Mat	erial	Ļ	abor	Equip	ment	Ame	ount	. in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	233.00	. 0	0.33				Í	. 0	77	9,227
	Others	Ls.	1	0	3.00			-		0	3	360
-	Sub Total								<u> </u>	0	80	9,587
		ļ ·									1	
2	Labor		1						[[
	Operator	man.day				ď	33.00			0	33	3,960
	Others	L.S.	1 1			. 0	0.00	*	1	0		0
	Sub Total	1.								0	33	3,960
					·							
3	Equipment	1]	•							1	
	Truck 8t	day] 1					3480	0	3,480	이	3,480
	Sub Total]]				·		· .	3,480	0	3,480
			[['			
	Total	1			·					3,480	113	17,027
	<u> </u>					<u>.</u>			l			

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

FC: YEN LC: US\$

	ZHII						10.1211			•		
	Dump truck 10t per da	У					LC: US\$	5 8 8 8		<u> </u>	.	US\$=¥120
No		Unit	Quantity			В	asic Price			Unit	Cost	Total
				Mate	erial	L	abor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	309.00	0	0.33					0	102	12,236
	Others	L.S.	1	0	3.00					0	3	360
	Sub Total				į					0	105	12,596
2	Labor								·	·		
	Operator	man.day	1			O	33.00	: .		0	33	3,960
	Others	L.S.	1			٥	0.00			0	. 0	0
	Sub Total						1			0	33	3,960
٠.			1									
. 3	Equipment						ļ					•
	Dump truck 10t	day	1			*		6720	. 0	, = -		6,720
	Sub Total					•				6,720	0	6,720
		1	1		.	•				6 700	120	23,276
	Total				, , , , , , , , , , , , , , , , , , ,		1			6,720	138	23,270

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

FC: YEN

LC: US\$ Generator 45KVA ner day

	Generator 45KVA per o	lay		·			LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
	1			Mate	erial	L	abor	Equip	ment	Am	ount	in
L	<u> </u>			FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material											
	Fuel & Lubricant	lr.	72.00	0	0.33					0	24	2,851
	Others	L.S.	1	o	0.00			·		0	0	0
	Sub Total] ,		Ì	. 0	24	2,851
						•			·			
] :	Labor	1	1					÷	ļ			
1	Operator	man.day	/] - 1			O	33.00		•	0	33	3,960
	Others	L.S.	1	1		0	0.00		J	. 0	o	
	Sub Total								<u>.</u>	0	33	3,960
				.			!					
1 :	3 Equipment											
	Generator 45KVA	day	1		}			1080	1 0	1,080	o	1,080
	Sub Total					4				1,080	f 1	1,080
1				. [[]		} .	1,000	Ĭ	
	Total				}			٠	•	1,080	57	7,891
1	} ota:	1					!	, ,		1,080		7,091

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

FC: YEN

	Backhoe 0.8 m3 per d	ay				US\$=¥120						
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
1	<u> </u>			Mate	erial	Į.	abor	Equip	ment	Am	ount	in
L				FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material									}		
	Fuel & Lubricant	!r.	283.00	0	0.33				ļ	0	93	11,207
	Others	L.S.	1	0	2.00					· 0	2	240
	Sub Total						,			0	95	11,447
				1			1					
2	Labor		1	· '			·		ļ			. 1
1	Operator	man.day	1			C	33.00			0	33	3,960
1	Others	L.S.	1			0	0.00			0	0	0
1	Sub Total			}						0	33	3,960
									'			
3	Equipment					·		÷				
	Backhoe 0.8m3	day	1					11280	0	11,280	0	11,280
	Sub Total] •					-			11,280	0	11,280
1												
	Total						·			11,280	128	26,687

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

2H11

FC: YEN

LC: US\$ Tire roller 8-20t per day US\$=¥120 Work Item Basic Price Unit Cost Total Unit Quantity Material Amount Labor Equipment in LC FC LC FC LC FC LC YEN FC 1 Material Fuel & Lubricant 161.00 0.33 53 6,376 Others L.S. 2.00 240 Sub Total 55 6,616 2 Labor 33.00 3,960 Operator man.day L.S. 0.00 Others 33 3,960 Sub Total 3 Equipment Tire roller 8-20t 3360 3,360 3,360 day Sub Total 3,360 3,360 Total 3,360 88 13,936

Fuel & Lubricant: 96ps x 0.2 x 8 x 1.05

	Tampa 60-100kg per day	/		 LC: US\$	 	US\$=¥120
0	Work Item	Unit	Quantity	Basic Price	Unit Cost	Total
- 1		i	1		 	·

No	Work Item	Unit	Quantity			В	asic Price	Unit	Total			
				Material		į	abor	Equip	nent Ar		ount	in
			[FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	5,00	0	0.33			}		0	2	198
	Others	L,S.	1 1	이	0.00				[. 0	0	0
	Sub Total									0	2	198
	·]			,			•			
2	Labor]	}			! **]			
ŀ	Operator	man.day	1			· o	33.00			0	33	3,960
	Others	L.S.	1			O	0.00		1	0	. 0	. 0
	Sub Total									0	33	3,960
								·				
3	Equipment		1.									
	Tampa	day	t					212.4	0	212.40	. 0	212
	Sub Total			}						212.40	0	212
				ŀ								
	Total			ŀ						212.40	35	4,370
									·			

Fuel & Lubricant: 5ps x 0.2 x 5 x 1.05

2H11

FC: YEN

Concrete Mixer 0.6m3 per day LC: US\$ US\$=¥120 Unit Quantity No Work Item Basic Price Unit Cost Total Material Labor Equipment Amount in FC LC FC LC FC LC FC LC YEN 1 Material Fuel & Lubricant 0.33 LS. 0.00 Others Sub Total 2 Labor 33.00 3,960 Operator man.day L.S. 0.00 Others Sub Total 3,960 3 Equipment Concrete Mixer 0.6m3 6,480.00 day 6480 6.480 Sub Total 6,480.00 6,480 Total 6,480.00 33 10,440

FC: YEN

	Truck crane 16t per d			· 			LC: US\$	<u> </u>	·		·	US\$=¥12
No	Work Item	rk Item Unit	Quantity_			В;	sic Price	Unit	Total			
		1		Mate	rial	Ļ	abor	Equip	ment	Am	ount	in
	·		L	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material			-								
	Fuel & Lubricant	ir.	232.00	0	0.33					0	77	9,18
	Others	L.S.	1	0	0.00					0	0	!
	Sub Total									0	77	9,18
2	Labor											
	Operator	man.day	1 1			Ø	33.00			0	33	3,96
	Others	L.S.	1			Ø	0.00			0	0	
	Sub Total									0	33	3,96
	F									· <u>.</u>		
	Equipment				İ			9480	0	9,480	ا م	9,48
	Truck with crane 8t	day	1 . '1					3400	. "	9,480	!	9.48
·	Sub Total	1								3,400		3,40 1
	Total									9,480	110	22,62

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05 100ps x 0.2 x 6 x 1.05

> 2H12-1 2H13-1 2H14-1 2H15-1 2H16-1 2H17-1

FC: YEN

Truck 8t per day LC: US\$ US\$=¥120

No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
٠			l . [Mate	rial	L.	abor	Equip	ment	An	ount	in
1.	:	1		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	233.00	0	0.33				1	0	77	9,227
	Others	L.S.	1	0	3.00	•				0	3	360
	Sub Total									0	80	9,587
					. 1				1			
2	Labor] ·						1	ļ ,		
	Operator	man.day	1	-	Į	O	33.00	*		0	. 33	3,960
	Others	L.S.	1			Ø	0.00			0	0	0
•	Sub Total									0	33	3,960
1					1							
3	Equipment				ļ						•	
	Truck 8t	day	1	,				3480	0	3,480	0	3,480
	Sub Total			. [1		}			3,480	٥	3,480
				:	·							
	Total								-	3,480	113	17,027
:												

Fuel & Lubricant: 253ps x 0.11 x 8 x 1.05

2H12-2

2H13-2

2H14-2

2H15-2

2H16-2

2H17-2

FC: YEN

LC: US\$ US\$=¥120 Dump truck 10t per day Unit Cost Basic Price Total Work Item Unit Quantity No Amount Material Labor Equipment in FC LC YEN FC LC FC LC FC LC 1 Material 12,236 102 309,00 0 0.33 Fuel & Lubricant 360 L.S. 3.00 Others 105 12,596 Sub Total 2 Labor 33 3,960 33.00 man.day Operator L.S. 0.00 Others 33 3,960 Sub Total 3 Equipment 6720 6.720 6,720 Dump truck 10t day 6,720 6,720 Sub Total 138 23,276 6,720 Total

Fuel & Lubricant: 335ps x 0.11 x 8 x 1.05

2H12-3 2H13-3 2H14-3 2H15-3 2H16-3 2H17-3

FC: YEN

 Generator 45KVA per day
 LC: US\$
 Us\$=¥12

 Work Item
 Unit Quantity
 Basic Price
 Unit Cost
 Total

No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
1		1	1 1	Mate	erial	Ĺ	abor	Equíp	ment	Am	punt	ín
L				FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material											
	Fuel & Lubricant	lr.	72.00	0	0.33			·	Î	0	24	2,851
	Others	LS.	1	. 0	0.00				1	0	0	0
	Sub Total									0	24	2,851
							ļ					
2	Labor]				} .		1			
	Operator .	man.day	1			o	33.00			0	33	3,960
	Others	L,S.	1			0	0.00			0	. 0	. 0
	Sub Total							-		0	33	3,960
	er,		1								·	
] 3	Equipment				•							
ì	Generator 45KVA	day	1					1080	· 0	1,080	a	1,080
	Sub Total	-								1,080	. 0	1,080
							•	·				
	Total									1,080	57	7,891
L	<u> </u>						i					

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

2H12-4

2H13-4

2H14-4

2H15-4

2H16-4

2H17-4

APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2H12,2H13,2H14,2H15, 2H16 and 2H17 Backhoe 0.8 m3 per day

FC: YEN

	Backhoe 0.8 m3 per						LC: US\$		US\$=¥120			
No	Work Item	Unit	Quantity			Ba	asic Price		Unit	. Cost	Total in	
		- }	1 [Mate	erial	Ĺ	abor	Equipment		Am		ount
	·			FC	LC	FC	LC	FC	LC	FC	LC	YEN
1.	Material											
	Fuel & Lubricant	lr.	283.00	0	0.33			٠.		0	93	11,207
	Others	L.S.	1	0	2.00					0	2	240
	Sub Total			i						0	95	11,447
2	Labor				·							
	Operator	man.day	1			σ	33.00			0	33	3,960
	Others	LS.	1 1			0	0.00		l .	0	0	. (
	Sub Total		j							0	33	3,960
3	Equipment											
	Backhoe 0.8m3	day	1 1					11280	0	11,280	0	11,280
	Sub Total									11,280	0	11,280
	Total									11,280	128	26,68
	i Ocai				ì					,,,200		-

Fuel & Lubricant: 169ps x 0.2 x 8 x 1.05

2H12-5 2H13-5 2H14-5 2H15-5 2H16-5 2H17-5

FC: YEN

LC: US\$ Tire roller 8-20t per day US\$=¥120 Total Work Item Unit Quantity Basic Price **Unit Cost** No Material Labor Equipment Amount in FC LC FÇ LC LC FC LC YEN FC Material Fuel & Lubricant 161.00 0.33 53 6.376 L.S. Others 2.00 240 55 6,616 Sub Total 2 Labor Operator man.day 33.00 3,960 L.S. 0.00 Others Sub Total 3,960 3 Equipment Tire roller 8-20t 3360 3,360 3,360 day Sub Total 3,360 3,360 3,360 Total 13,936

Fuel & Lubricant: 96ps x 0.2 x 8 x 1.05

2H12-6

2H13-6

2H14-6

2H15-6

2H16-6

2H17-6

APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2H12,2H13,2H14,2H15, 2H16 and 2H17 Tampa 60-100kg per day

FC: YEN

	Tampa 60-100kg per da						LC: US\$	" - ,				US\$=¥1
Vo.	Work Item	Unit	Quantity			В	Unit (Total				
.				Mate	erial	Labor		Equipment		Amo	unt	in in
ĺ			l [FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material .											
	Fuel & Lubricant	lr.	5.00	0	0.33				ŀ	0	2	. 1
	Others	L.S.	1	0	0.00					0	0	
	Sub Total									0	2	1
2	Labor						Ç.					
	Operator	man.day	1	. [0	33.00			0	33	3,
- 1	Others	L.S.	1			0	0.00	i		o	0	
	Sub Total									o	33	3,
	and the second second											
3	Equipment				•							
	Tampa 60-100kg	day	1					212.4	0	212.40	0	
	Sub Total									212.40	0	. :
	Total								·	212.40	35	4,

Fue! & Lubricant: 5ps x 0.2 x 5 x 1.05

2H12-7 2H13-7 2H14-7

2H15-7

2H16-7

2H17-7

è

APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2H12,2H13,2H14,2H15, 2H16 and 2H17 Concrete Mixer 0.6m3, per day

FC: YEN

	ZITIZ, ZITIO, ZITIT, ZITIO, ZIT		E ())				. 0. 1211	-				
	Concrete Mixer 0.6m3 p	er day					LC: US\$					U\$\$=¥12
No	Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Total
				Mate	erial	Ĺ	abor	Equip	ment	Am	ount	in
		1		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	ir.	0.00	0	0.33	,				0	. 0	
	Others	L.S.	1	. 0	0.00					0	0	
	Sub Total	1	[f				ĺ	. 0	0	
÷.			-					·			1	
. 2	Labor						l.					
	Operator	man,day	1	j	Į	ď	33.00	· ·		0	33	3,96
	Others	L.S.	1			σ	0.00			0	. 0	
	Sub Total			1						0	33	3.96
		1		· [1							
3	Equipment			ĺ							<u> </u>	
	Concrete Mixer 0.6m3	day	1		-	•		6480	0	6,480.00	0	6,48
	Sub Total				ļ					6,480.00	0	6,48
									j			
	Total						•			6,480.00	33	10,44
0.00		[1 1	. [1		ĺ		[[

2H12-8

2H13-8

2H14-8

2H15-8

2H16-8

2H17-8

UNIT FC: YEN

LC: US\$ Truck crane 16t per day US\$=¥120 Unit Quantity Unit Cost Cost per day Total Work Item Labor Equipment Material Amount in FC FC FC LC FC LC LC LC YEN Material Fuel & Lubricant 232 0.33 9187 Others L.S. 600 Sub Total 82 9,787 2 Labor 3,960 Operator manday 33 L.S. Others Sub Total 3,960 3 Equipment 9,480 9,480 9,480 Truck crane 16t dayunit 9,480 9,480 Sub Total 9,480 Total 115 23,227

Fuel & Lubricant: 230PS x 0.11 x 4 x 1.05 100PS x 0.2 x 6 x 1.05

UNIT

2H13 Generator 45KVA per day FC: YEN

	Generator 45KV	/A per	day				_LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost	oer day	Total
		ł	}	Mate	erial	La	bor	Equip	oment	Am	ount	in
		l		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material										1	
	Fuel & Lubricant	lr	96	0	0.33	:				J o	32	3802
	Others	L.S.	1	0	5				İ	0	5	600
	Sub Total		,						ļ ·	0	37	4,402
	1.											
2	Labor		1							[ĺ	
	Operator	manday	. 1			0	33			0	33	3,960
	Others	L.S.	- 1			0	0			0	0	0
	Sub Total	1.		-						0	33	3,960
											•	
3	Equipment											
,	Generator 45KVA	dayunit	1]	1,080	0	1,080	0	1,080
	Sub Total			• 1]	1,080	0	1,080
	Total]		Í					1,080	70	9,442
	}	1	1 1	1							1	

Fuel & Lubricant: 57PS x 0.2 x 8 x 1.05

UNIT FC: YEN

LC: US\$ U\$\$=¥120 Truck 8t per day Cost per day Total Unit Quantity Unit Cost Work Item No in Material Equipment Amount -Labor FC FC LC LC LC YEN LC FC FC 1 Material 4594 Fuel & Lubricant 116 0.33 600 L.S. Others 5,194 Sub Total 2 Labor 3,960 Operator 33 manday L.S. Others 3,960 Sub Total 3 Equipment 3,480 3,480 Truck 4t 3,480 dayunit 3,480 3,480 Sub Total 3,480 76 12,634 Total

Fuel & Lubricant: 253PS x 0.11 x 4 x 1.05

UNIT FC: YEN

LC: US\$ Truck crane 16t per day US\$=¥120 Unit Quantity Unit Cost Total Work Item Cost per day Material Labor Equipment Amount in FC LC FC LC FC LC FC LC YEN 1 Material Fuel & Lubricant 232 0.33 77 9187 Others LS. 600 82 9,787 Sub Total 2 Labor 33 33 3,960 Operator manday L.S. Others 3,960 Sub Total 33 3 Equipment Truck crane 16t dayunit 9,480 9,480 9,480 Sub Total 9,480 9,480 9,480 115 23,227 Total

Fuel & Lubricant: 230PS x 0.11 x 4 x 1.05 100PS x 0.2 x 6 x 1.05

UNIT

FC: YEN

Generator 45KVA per day

US\$=¥120

	Generator 43KV	w her	uay				LU. 039					
No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
				Mate	rial	Lal	oor	_Equip	ment	Am	ount	in
			L	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr	96	0	0.33	ì				0	32	3802
	Others	L.S.	- 1	ً اه	5					0	5	600
	Sub Total									0	37	4,402
2	Labor											
j	Operator	manday] 1]	}		0	33]	0	33	3,960
	Others	L.S.	1			0	0			C	. 0	C
	Sub Total									0	33	3,960
- 1										•		
	Equipment			.	•					1000		
	Generator 45KVA	dayunit	1		j			1,080		, , , , ,	i	1,080
	Sub Total									1,080	0	1,080
	Total									1,080	70	9,442

Fuel & Lubricant: 57PS x 0.2 x 8 x 1.05

UNIT FC: YEN

Truck 8t per day LC: US\$ US\$=¥120 Unit Cost Work Item Unit Quantity Cost per day Total Material Equipment Labor Amount in FC LC FC LC FC LC FC LC YEN | Material Fuel & Lubricant Ir 0.33 4594 116 38 LS. Others 600 Sub Total 5,194 43 2 Labor Operator manday 33 3,960 LS. Others 33 3,960 Sub Total 3 Equipment Truck 4t dayunit 3,480 3,480 3,480 Sub Total 3,480 3,480 3,480 Total 76 12,634

Fuel & Lubricant: 253PS x 0.11 x 4 x 1.05

2J

Sub Total

3 Equipment

Sub Total

Total

Truck with crane 8t

FC: YEN

LC: US\$ US\$=¥120 Truck with crane 8t per day Work Item Unit Quantity Basic Price Unit Cost Total No Material Labor Equipment Amount in FC FC LC FC LC FC LC LC YEN 1 Material 61 7,366 Fuel & Lubricant 186.00 0.33 0.00 L.S. Others 61 7,366 Sub Total 2 Labor 33.00 33 3,960 Operator man.day 0.00 Others . L.S.

5520

33

94

5,520

5,520

5,520

3,960

5,520

5,520

16,846

Fuel & Lubricant: 269ps x 0.11 x 6 x 1.05

day

FC: YEN LO:US\$

	Generator 45KVA per d	ay	• .	· · · · · · · · · · · · · · · · · · ·			LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
				Mate	erial	La	bor	Equipr	nent	Am	ount	in
			l	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	72.00	0	0.33					0	24	2,851
	Others	L.S.	1	0	0.00					0	0	0
	Sub Total	ļ								0	24	2,851
2	Labor											
	Operator	man.day	1			0	33.00			0	33	3,960
	Others	L.S.	1]		-0	0.00		·.	0	0	0
	Sub Total						:			0	33	3,960
3	Equipment					,				•		
	Generator 45KVA	day	1	. [·		1080	0	1,080	0	1,080
	Sub Total									1,080	0	1,080
	Total									1,080	57	7,891

Fuel & Lubricant: 57ps x 0.2 x 6 x 1.05

2J

10.1104

	ZU				•		1 0, 12,1			2.11		1105 3740
1. 1	Tampa 60-100kg per o	lay					LC: US\$			·· · · · · · · · · · · · · · · · · · ·		US\$=¥12
No	Work Item		Quantity			В	asic Price			Unit	Cost	Total
				Mate	erial	l.	abor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material		T .				:					
	Fuel & Lubricant	lr.	5.00	0	0.33				•	0	2	· 1
	Others	L.S.	1	. 0	0.00					0	0	
	Sub Total	- [İ	0	2	. 1
		ļ	1									
2	Labor	1 .								·		
	Labour	man day	/ 1			. 0	14.30	}		0	14	1,1
1	Others	L.S.	1			0	0.00			0	0	
	Sub Total									ļ o	14.30	1,7
							:					
3	Equipment		1	•								
	Tampa	day	1				·	212.4	c	212,40	0	2
1	Sub Total							*	1	212.40	0	
	Total		1 1						'	212	15.95	2.1
									1	1		

Fuel & Lubricant: 4ps x 0.2 x 6 x 1.05

APPENDIX-4. LIST OF DEPRECIABLE VALUE OF EQUIPMENT

APPENDIX-4 LIST OF DEPRECIABLE VALUE OF EQUIPMENT (1/4)

The construction period of this project are estimated three years more, then the depriciable values of equipment are caluculated by the under formula. E=A(1+C/100+D/100)

F=1/12month/year x (30-5)day/month x Byear

				Α	В	C	D	E	F	G	
No.	Equipment	Specification 1	PS	Purchase Co	Economic	Total rate	Annual rate	Total Cost	Daily	Daily Equipment	Remarks
					life of	of Maint.	of owning .	of Economic	depriciation	owning cost	
				1000	equipment	cost	cost	life	rate		·
				(US\$)	(year)	(%)	(%)	(US\$)		(US\$/day)	
1	Grab Bucket Dredger	20m3(11.5m3)	2,800	11,916,667	10	100	7	24,667,500	0.000333333	8,223	
2	Trailing Suction Hopper D	8,000m3	10000+3200	52,120,833	18	130	. 7	123,526,375	0.000185185	22,875	15.3% Repairing
3	Trailing Suction Hopper D	5000m3	10,600	33,333,333	14	115	7	74,000,000	0.000238095	17,619	12.2% Repairing
4	Anchor boat	30ton	480	2,241,667	18	180	7	6,433,583	0.000185185	1,191	
5	"	20ton	360	1,550,000	18	180	7	4,448,500	0.000185185	824	
6	"	10ton	180	780,833	18	180	7	2,240,992	0.000185185	415	
7	Tug Boat	450PS	450	406,667	20	130	7	963,800	0.000166667	161	
8	. "	250PS	250	248,333	20	130	7	588,550	0.000166667	98	
9	Pusher Boat	3000PS	3,000	2,783,333	16	130	7	6,596,500	0.000208333	1,374	
10	"	1000PS	1,000	1,375,000	16	130	7	3,258,750	0.000208333	679	
11	Passenger Boat	180PS	180	108,333	18	175	7	305,500	0.000185185	57	
12	. "	100PS	100	56,167	18	175	7	158,390	0.000185185	29	
13	Survey boat	70PS	70	36,667	18	180	7	105,233	0.000185185	19	
14	Hopper Barge	3000m3		3,150,000	16	120	6	7,119,000	0.000208333	1,483	
15	"	1300m3		1,358,333	16	120	6	3,069,833	0.000208333	640	
16	Self-propelled Hopper B.	850m3,3.0m3	1,500	2,858,333	8	95	7	5,773,833	0.000416667	2,406	_
17		400m3,1.8m3	800	1,733,333	8	95	7	3,501,333	0.000416667	1,459	
18	Gut Barge	1000m3 3,0m3	400	2,100,000	8	95	7	4,242,000	0.000416667	1,768	
19	Flat Barge	1000ton		458,333	18	140	6	1,127,500	0.000185185	209	
20	"	500ton		262,500	18	140	6	645,750	0.000185185	120	
21	"	100ton		76,250	18	140	6	187,575	0.000185185	35	
22	Floating Dock	6000t		6,950,000	13		7	11,954,000	0.00025641	3,065	
23	"	10000t		11,250,000	13		7	19,350,000	0.00025641	4,962	
24	Pile Driving Barge	D-72	550	5,891,667	17	85		11,312,000	0.000196078	2.218	
25	"	D-72 with Auger	550	7,483,333	17	85	7.	14,368,000	0.000196078	2,817	

APPENDIX-4 LIST OF DEPRECIABLE VALUE OF EQUIPMENT (2/4)

E=A(1+C/100+D/100) F=1/12month/year x (30-5)day/month x Byear

				Α	В	С	D	E	F	G	
No.	Equipment	Specification	PS	Purchase Co	Economic	Total rate	Annual rate	Total Cost	Daily	Daily Equipment	Remarks
]			life of	of Maint.	of owning	of Economic	depriciation	owning cost	1
					equipment	cost	cost	life	rate		
				(US\$)	(year)	(%)	(%)	(US\$)		(US\$/day)	
26	Pump Dredger	DE8000PS	13,000	31,083,333	12	70	7	55017500	0.000277778	15, 2 83	
27	Floater	for Dia.800		9,333	4	15	5	11200	0.000833333	9.33	
28	Steel pipe	Dia.800		2,383	4	15	5	2860	0.000833333	2.38	
29	Rubber sleeve	Dia.800		6,425	7	120	6	14520.5	0.00047619	6.91	
30	Valve	Dia.800		4,917	4	20	5	6,146	0.000833333	5.12	
31	Steel curve pipe	Dia.800		2,283	4	15	5	2,740	0.000833333	2.28	
32	Steel T pipe	Dia.800		2,408	4	15	5	2,890	0.000833333	2.41	
33	Bulldozer	21ton	207	188,333	10	55	9	308,867	0.000333333	103	
34	"	15ton	136	114,167	10		9	187,233	0.000333333	62	
35	"	11ton	106	85,833	10	55	9	140,767	0.000333333	47	
36	" with ripper	32ton	232	311,667	10	55	9	511,133	0.000333333	170	·
37	" with ripper	21ton	177	207,500	10	55	9	340,300	0.000333333	113	
38	Buckhoe	2.0m3	367	388,333	8	45	9	598,033	0.000416667	249	
39	"	1.5m3	303	252,500	8	45	9	388,850	0.000416667	162	
40	"	1.2m3	224	197,500	8	45	9	304,150	0.000416667	127	
41	Wheel loader	3.5m3	218	191,667	10	60	9	323,917	0.000333333	108	
42	"	2,5m3	149	131,667	10	60	9	222,517	0.000333333	74	
43	Shovel loader(crawler)	3,2m3	250	227,500	10	60	9	384,475	0.000333333	128	
44	"	2.0m3	152	135,000	10			228,150	0.000333333	76	
45	Dump truck	10ton	335	78,667	8	60	12	135,307	0.000416667	56	
46	"	8ton	244	59,833	8	60	12	102,913	0.000416667	43	
47	Truck	8ton	253	52,250	9	40	12	79,420	0.00037037	29	
48	"	4ton	186	31,750	9	40	12	48,260	0,00037037	18	
49		8ton 2.9ton	269	82,000	9	40	12	124,640	0.00037037	46	
50		4ton 2.9ton	180	50,000	9	40	12	76,000	0.00037037	28	

APPENDIX-4 LIST OF DEPRECIABLE VALUE OF EQUIPMENT (3/4)

E=A(1+C/100+D/100) F=1/12month/year x (30-5)day/month x Byear

				A	В	С	D	E	F	G	
No.	Equipment	Specification	PS	Purchase Co	Economic	Total rate	Annual rate	Total Cost	Daily	Daily Equipment	Remarks
					life of	of Maint.	of owning	of Economic	depriciation	owning cost	
' '					equipment	cost	cost	life .	rate		
, ,		:	• ,	(US\$)	(year)	(%)	(%)	(US\$)		(US\$/day)	
51	Trailer	32ton	320	147,500	9	35	9	212,400	0.00037037	79	
52	. "	28ton	320	137,500	9	35	9	198,000	0.00037037	73	
53	Crawler crane	50ton	180	362,500	11	60	. 9	612,625	0.00030303	186	
54		30ton	150	219,167	11	60	9	370,392	0.00030303	112	
55		16ton	96	140,000	11	60	9	236,600	0.00030303	72	
56	Truck crane	45ton	300+150	360,833	9	30	9	501,558	0.00037037	186	
57	"	30ton	286+150	261,667	9	30	9	363,717	0.00037037	135	
58		25ton	274+140	210,000	9	30	9	291,900	0.00037037	108	
59	Truck crane	16ton	230+100	152,500	9	30	9	211,975	0.00037037	79	
_60	Forklift	2.5ton	50	18,667		35	9	26,880	0.00047619	13	
61		1.5ton	36	15,833	7	35	9	22,800	0.00047619	11	
62	Breaker	1300kg		39,083		25	7	51,590	0.000555556	29	
63	"	600-800kg		23,917	8	25	7	31,570	0.000555556	18	
64	Hand Hammer	20kg		1,567	5	30	7	2,146	0.000866667	1.43	
65	Leg Hammer	40kg		2,317	5	40	7	3,406	0.000666667	2.27	
66	. //	30kg		2,058	5	40	7	3,026	0.000666667	2.02	
67	Motor Grader	2.8m	95	76,333	12	35	9	109,920	0.000277778	31	
68	Road Roller(Macadam)	10-12ton	90	64,417	12	35	9	92,760	0.000277778	26	
69	Tire Roller	8-20ton	96	65,000	12	45	9	100,100	0.000277778	28	
70	Vibration Roller	8-10ton	132	106,667	10	40	9	158,933	0.000333333	53	
71	Tampa & Ranma	60-100kg	4	1,692	_ 5	50	7	2,656	0.000666667	1.77	
72	Truck Mixer	4.5m3	290	76,500	9	45	9	117,810	0.00037037	44	
73	Concrete pump car	45m3/h	112	95,833	8	70	9	171,542	0.000416667	71	
74	Concrete pump	45m3/h	50	118,333	8	45	9	182,233	0.000416667	76	
75	Asphalt Finisher	1.6-3.0m	37	98,333	11	40	9	146,517	0.00030303	44	
76	Asphalt Kettle	3000L		5,617	. 6	20	7	7,133	0.000555556	3.96	
. 77	Distributor	2000-3000L	100+10	55,417	11	50	9	88,113	0.00030303	27	
78	Asphalt sprayer(engine)	200L	3	1,417	5	50	7	2,224	0.000666667	1.48	
79	Line Marker	15cm 80-120kg		6,042	8	55	7	9,788	0.000416667	4.08	
80	Water tank lorry	3800L	160	38,583	9	50	9	61,348	0.00037037	23	
. 81	Air compressor	7.5m3/min	80	26,083	. 11	35	7	37,038	0.00030303	11	

APPENDIX-4 LIST OF DEPRECIABLE VALUE OF EQUIPMENT (4/4)

E=A(1+C/100+D/100) F=1/12month/year x (30-5)day/month x Byear

· · · · · · · · · · · · · · · · · · ·	<u> </u>			A	В	C	D	E	F	G	
No.	Equipment	Specification	PS	Purchase Co	Economic	Total rate	Annual rate	Total Cost	Daily	Daily Equipment	Remarks
		1			life of	of Maint.	of owning	of Economic	depriciation	owning cost	
1		\ <u>\</u>			equipment	cost	cost	life	rate		
				(US\$)	(year)	(%)	(%)	(US\$)		(US\$/day)	
82	Submersible pump	100mm 30m	11KW	3,125	9	150		8,031	0.00037037	2.97	
83	"	80mm 30m	5.5KW	1,875	9	150	7	4,819	0.00037037	1.78	<u></u>
84	Submersible sand pump	100mm 25m	11.0KW	3,400	9	160	7	9,078	0.00037037	3.36	
85	Stabilizer	100t/h	44kw	154,167	10	55	9	252,833	0.000333333	84	
86	Concrete Spreader	3∼7.5m	45	177,500	10	40	9	264,475	0.000333333	88	
87	Concrete Finisher	3~4.5m	26	145,833	10	45	9	224,583	0.0003333333	75	<u> </u>
88	Concrete Planer	3∼7.5m	25	218,333	10	40	9	325,317	0.000333333	108	
89	Concrete Cutter	3~7.5m	. 4.	10,500	7	45	7	15,960	0.00047619	. 8	
90	Concrete Mixer	0.6m3	7.5kw	78,500	8	55	9	128,740	0.000416667	54	
91	Generator	125KVA	158	33,083	9	45	7	50,287	0.00037037	19	
92	<i>"</i>	100KVA	125	26,167	9	45	7	39,773	0.00037037	15	
93	"	45KVA	57	16,417	9	45	7	24,953	0.00037037	9	
94	Welder	500A		1,800	13	95	7.	3,636	0.00025641	0.93	
95	"	400A		1,508	13	95	7	3,047	0.00025641	0.78	
96	. "	300A		1,108	13	95	7	2,239	0,00025641	0,57	
97	" (semi-auto)	500A		4,583	11	70	. 7	8,113	0.00030303	2.46	
98	<i>"""</i>	300A		3,250	- 11	70	7	5,753	0.00030303	1.74	
99	Concrete Vibrator	40mm 0.7KW		983	5	55	7	1,593	0.000666667	1.06	
100	Concrete Vibrator	50mm 0.9KW		1,042	5	55	7	1,688	0.000666667	1.13	
101	Ber Bender			2,083	5	55	7	3,375	0.000666667	2.25	
102	Bar Cutter			2,083	5	55	7	3,375	0.000666667	2.25	
103	Vibrohammer	60kw		84,167	5	50	7	132,142	0.000666667	88.09	

APPENDIX-5. EQUIPMENT SCHEDULE

APPENDIX-5 EQUIPMENT SCHEDULE (1/4)

ITEM	DESCRIPTION	SPECIFICATION	DEPRICIATION	PURCHASE	WEIGHT	MEASURE	DIMENSION	USED NO. IN	TOTAL	COUNTRY
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(us\$)	(US\$)	TON/NO	TON/NO		THIS PRO.	M/T	
1	Grab Bucket Dredger	20m3(11.5m3)	8,223	11,916,667	2,140	4,070	51,0x21.0x3.8			Japan or USA
2	THS Dredger	8,000m3	22.875	52,120,833	•		120x22x11			USA or Europe
3	THS Dredger	5,000m3	17,619	33,333,333			120x18.4x9.2			USA or Europe
4	Pump Dredger	8,000PS (pump)	15,238	31,083,333	5,280	7,950	36.7×11.6×3.1			Japan, USA or Europe
5	Anchor Boat	30ton	1,191	2,241,667	156	490	24x9x2.3			Japan, USA or Europe
6	Anchor Boat	20ton	824	1,550,000	109	386	21x8x2.3			Japan, USA or Europe
7	Anchor Boat	10ton	415	780,833	8	40	11x2.5x1.5			Japan, USA or Europe
8	Tug Boat	450PS	161	406,667	76	320	20x5.8x2.8			Japan, USA or Europe
9	Tug Boat	250PS	98	248,333	13	60	10.4x4x1.5			Japan, USA or Europe
10	Pusher Boat	3000PS	1,374	2,783,333	142	1,180	28x8.8x4.8			Japan, USA or Europe
11	Pusher Boat	1000PS	679	1,375,000	19	135	12x5.4x2,1			Japan, USA or Europe
12	Passenger Boat	180PS	57	108,333	7	28	8,5x2.3x1.2			Japan, USA or Europe
13	Passenger Boat	100PS	29	56,167	5	20	8x2x1			Japan, USA or Europe
14	Survey Boat	70PS	19	36,667	3	11	8x2x0.7			Japan, USA or Europe
15	Hopper Barge	3000m3	1,483	3,150,000	2,070	9,405	90x19x5,5			Japan, USA or Europe
16	Hopper Barge	1300m3	640	1,358,333	700	3,300	60x14x4			Japan, USA or Europe
17	Seif-Propelled Hopper E	850m3, 3.0m3	2,406	2,858,333	499	2,740	49.9x10x5.5	<u> </u>		Japan
18	Self-Propelled Hopper B	400m3, 1.8m3	1,459	1,733,333	199	2,400	48x10x5			Japan
19	Gut Barge	1000m3, 3.0m3	1,768	2,100,000	1,700	2,160	45x16x3			Japan
. 20	Flat Barge	1000ton	209	458,333			38x16x2.8			Japan, USA or Europe
21	Flat Barge	500ton	120	262,500			21x9x2			Japan, USA or Europe
22	Flat.Barge	100ton	35	76,250			18x8x2			Japan, USA or Europe
23	Floating Dock	60 00 ton	3,065	6,950,000			50x40x33			Japan, USA or Europe
24	Floating Dock	10000ton	4,962	11,250,000			62x44x35			Japan, USA or Europe
25	Pile Driving Barge	D-72	2,218	5,891,667	1970		48x22x4			Japan, USA or Europe
26	Pile Driving Barge	D-72 with Auger	2,817	7,483,333	1970		48x22x4			Japan, USA or Europe
27	Floater	for Dia.860	9.33	9,333	3.9	45.6				Japan, USA or Europe
28	Steel pipe	Dia. 860	2.38	2,383	1.32	4.63				Japan, USA or Europe
29	Rubber sleeve	Dia, 860	6.91	6,425	0.75	2.28				Japan, USA or Europe

APPENDIX-5 EQUIPMENT SCHEDULE (2/4)

ITEM	DESCRIPTION	SPECIFICATION	DEPRICIATION	PURCHASE	WEIGHT	MEASURE	DIMENSION	USED NO. IN	TOTAL	COUNTRY
			(US\$)	(US\$)	TON/NO	TON/NO		THIS PRO.	M/T	
30	Valve	Dia. 860	5.12	4,917	1.09	3.65				Japan, USA or Europe
31	Steel curve pipe	Dia. 860	2.28	2,283	1.58	5.64				Japan, USA or Europe
		Dia. 860	2.41	2,408	1.51	5.77				Japan, USA or Europe
33	Bulldozer	21ton	103	188,333	21	63	5.7x3.43x3.23			Japan, USA or Europe
34	Buildozer	15ton	62	114,167	15	35	4.46x2.49x3.15		· · · · · · · · · · · · · · · · · · ·	El Salvador or Foreign
35	Bulldozer	11ton	47	85,833	11	32	4.56×2.28×3.08		· · · · · · · · · · · · · · · · · · ·	El Salvador or Foreign
36	Bulldozer with ripper	32ton	170	311,667	32	73	6.01x3.37x3.61		·	Japan, USA or Europe
37	Bulldozer with ripper	21ton	113	207,500	21	63	5.7x3.43x3,23			Japan, USA or Europe
38	Buckhoe	2.0m3	249	388,333	43	91	6.47×3.99×3.54			Japan, USA or Europe
39	Buckhoe	1.5m3	162	252,500	36	76	6.19x3.75x3.28			Japan, USA or Europe
40	Buckhoe	1.2m3	127	197,500	29	62	5.82x3.19x3.34			El Salvador or Foreign
41	Wheel loader	3.5m3	108	191,667	22	94	8.64×3.17×3.46			Japan, USA or Europe
42	Wheel loader	2.5m3	74	131,667	13	67	7.5x2.69x3,32			Japan, USA or Europe
43	Shovel loader	3.2m3	128	227,500	26	70	7.13x2.86x3.43			Japan, USA or Europe
44	Shovel loader	2.0m3	76	135,000	19	51	6.51x2.4x3.29			Japan, USA or Europe
45	Dupm truck	10ton	56	78,667	19	57	7.68×2.49×2.98			El Salvador or Foreign
46	Dump truck	8ton	43	59,833	15	46	6.48x2.49x2.85			El Salvador or Foreign
47	Truck	8ton	29	52,250	19	60	7.74x2.49x3.16			El Salvador or Foreign
48	Truck	4ton	18	31,750	8	43	7.9×2.23×2.45			El Salvador or Foreign
49	Truck with crane	8ton, 2.9ton	46	82,000	20	60	7.74x2.49x3.16			Japan, USA or Europe
50	Truck with crane	4ton, 2.9ton	28	50,000	9	43	7.9x2.23x2.45		· · · · · · · · · · · · · · · · · · ·	Japan, USA or Europe
51	Trailer	32ton	79	147,500	44	65	11.99×3.19×1.7			El Salvador or Foreign
52	Trailer	28ton	73	137,500	40	65	11,99x3,19x1.7			El Salvador or Foreign
53	Crawler crane	50ton	186	362,500	48	165	6.76×4.34×5.64			Japan, USA or Europe
54	Crawler crane	30ton	112	219,167	32	95	5.69x3.3x5.04			Japan, USA or Europe
55	Crawler crane	16ton	72	140,000	28	72	5.0x3.0x4.8		-	Japan, USA or Europe
	Truck crane	45ton	186	360,833	37	140	13.27×2.82×3.75			Japan, USA or Europe
57	Truck crane	30ton	135	261,667	30	146	13.83×2.8×3.79			Japan, USA or Europe
	Truck crane	25ton	108	210,000	28	105	12.48×2.49×3.4			Japan, USA or Europe

APPENDIX-5 EQUIPMENT SCHEDULE (3/4)

ITEM	DESCRIPTION	SPECIFICATION	DEPRICIATION	PURCHASE	WEIGHT	MEASURE	DIMENSION	USED NO. IN	TOTAL	COUNTRY
			(US\$)	(US\$)	TON/NO	TON/NO		THIS PRO.	M/T	<u></u>
59	Truck crane	16ton	79	152,500	19	102	11.88x2.49x3.48			El Salvador or Foreign
60	Forklift	2.5ton	13	18,667	2.5					El Salvador or Foreign
61	Forklift	1.5ton	11	15,833	1.5					El Salvador or Foreign
62	Breaker	1300kg	29	39,083	1300kg					Japan, USA or Europe
63	Breaker	600-800kg	18	23,917	800kg					Japan, USA or Europe
64	Hand hammer	20kg	1.43	1,567	20kg					Japan, USA or Europe
65	Leg hammer	40kg	2.27	2,317	40kg					Japan, USA or Europe
66	Leg hammer	30kg	2.02	2,058	30kg					Jарап, USA or Europe
67	Motor Grader	2.8m	31	76,333	8	34	6.82×2.1×2.38			El Salvador or Foreign
68	Road Roller(Macadam)	10-12ton	26	64,417	12	27	5.02×2.1×2.58			El Salvador or Foreign
69	Tire Roller	8-20ton	28	65,000	8.5	27	4.83×2.28×2.46			El Salvador or Foreign
70	Vibration Roller	8-10ton	53	106,667	10	30	5.46×2.33×2.37			El Salvador or Foreign
71	Tampa & Ranma	60-100kg	1.77	1,692	105kg	0.4	1x0.45x0.9			El Salvador or Foreign
72	Truck mixer	4.5m3	44	76,500	9.7	45	6.46×2.2×3.2			El Salvador or Foreign
73	Concrete pump car	45m3/h	71	95,833	6.7	40	6.7x2.1x2.9			Japan, USA or Europe
74	Concrete pump	45m3/h	76	118,333	6.7	29	5.6x1.9x2.8			Japan, USA or Europe
75	Asphalt finisher	1.6-3.0m	44	98,333	5.5	15	4.71x1.85x1.72			El Salvador or Foreign
76	Asphait kettle	3000L	3.96	5,617						El Salvador or Foreign
77	Distributor	2000-3000L	27	55,417						El Salvador or Foreign
78	Asphalt sprayer	200L	1.48	1,417	50kg					El Salvador or Foreign
79	Line Marker	15cm, 80-120kg	4.08	6,042						El Salvador or Foreign
80	Water tank lorry	3800L	23	38,583						El Salvador or Foreign
81	Air compressor	7.5m3/min	11	26,083	1.5	2.5				Japan, USA or Europe
82	Submersible pump	100mm 30m	2.97	3,125	52kg					Japan, USA or Europe
83	Submersible pump	80mm 30m	1.78	1,875	45kg					Japan, USA or Europe
84	Submersible sand pump	100mm 25m	3.36	3,400	150kg					Japan, USA or Europe
85	Stabilizer	100t/h	84	154,167						El Salvador or Foreign
86	Concrete spreader	37.5m	88	177,500						El Salvador or Foreign
87	Concrete finisher	3-4.5m	75	145,833						El Salvador or Foreign

APPENDIX-5 EQUIPMENT SCHEDULE (4/4)

ITEM	DESCRIPTION	SPECIFICATION	DEPRICIATION	PURCHASE	WEIGHT	MEASURE	DIMENSION	USED NO. IN	TOTAL	COUNTRY
			(US\$)	(US\$)	TON/NO	TON/NO	<u></u>	THIS PRO.	M/T	
88	Concrete planer	3-7.5m	108	218,333						El Salvador or Foreign
89	Concrete cutter	3-7.5m	8	10,500						El Salvador or Foreign
90	Concrete mixer	0.6m3	54	78,500						El Salvador or Foreign
91	Generator	125KVA	19	33,083	2.5	5.2	3.2×1.1×1.5			Japan, USA or Europe
92	Generator	100KVA	15	26,167	2.2	5	3,1x1.1x1.5			Japan, USA or Europe
93	Generator	45KVA	9	16,417	1,2	2.2	2x0.88x1.3			Japan, USA or Europe
94	Welder	500A	0.93	1,800	105kg					El Salvador or Foreign
95	Welder	400A	0.78	1,508	84kg					Ei Salvador or Foreign
96	Welder	300A	0,57	1,108						El Salvador or Foreign
97	Welder(semi-auto)	500A	2.46	4,583						Japan, USA or Europe
98	Welder(semi-auto)	300A	1,74	3,250						Japan, USA or Europe
99	Concrete Vibrator	40mm 0.7KW	1,06	983	6kg					Japan, USA or Europe
100	Concrete Vibrator	50mm 0.9KW	1.13	1,042	8kg					Japan, USA or Europe
101	Bar Bender		2,25	2,083						Japan, USA or Europe
102	Bar cutter		2.25	2,083						Japan, USA or Europe
										<u> </u>
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