UNIT

FC: YEN

Truck with crane 8t per day LC: US\$

US\$=¥120

	truck with traile of her	uay					EO. 039					OCQ*+12
No	Work Item	Unit	Quantity			Bas	sic Price			Unit	Cost	Total
				Ma	terial	L	abor	Equip	ment	Amo	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
- 1	Material											
	Fuel & Lubricant	lr	124	0	0.330					o	41	4,9
	Others	L.S.	1	0	4.00		1 .	-		0	4	48
	Sub Total					·			·	. 0	45	5,3
^				}								
	Labor				}	_	00				20	
	Operator	man,day		İ		U	33	·		υ I	33	3,9
	Others	L.S.	1		į	ס	0		,	·	· ·	
	Sub Total						1			0	33	3.9
. 3	Equipment	<b>!</b> ·			.							
	Truck with crane 8t	day	. 1					5520	0	5,520	0	5,5
	Sub Total								÷	5,520	0	5,5
	Total									5,520	78	14,8
				ļ								

UNIT FC: YEN

US\$=¥120 LC: US\$ Truck with crane 8t per day Basic Price Unit Cost Total Work Item Unit Quantity No Material Labor Equipment Amount in LC FC LC FC LC FC LC FC YEN 1 Material 4,910 0.330 Fuel & Lubricant 124 Others -L.S. 4.00 480 5,390 Sub Total 2 Labor 33 3,960 Operator man,day Others -L.S. 33 3,960 Sub Total 3 Equipment 5,520 Truck with crane 8t 5,520 5520 day 5,520 5,520 Sub Total 5,520 14,870 78 Total

UNIT FC: YEN

	2019	,					, O. IEI					
	Truck with crane 8t per	day .					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
				Mate	erial	L	abor	Equip	ment	Amo	ount	in
	•			FC	LC	FC	ĿC	FC	LC	FC	LC	YEN
1	Material											_
	Fuel & Lubricant	lr	124	o	0.330					0	41	4,918
	Others	L.S.	. 1	0	4.00		·			0	4	480
	Sub Total				-					0	45	5,390
2	Labor											
	Operator	man.day	1	Į		Ō	33			0	33	3,960
- 1	Others	L.S.	1			0	0			0	. 0	. 0
	Sub Total									0	33	3,960
3	Equipment				·							•
- 1		day	1		1			5520	О	5,520	0	5,520
- 1	Sub Total	,								5,520	·	5,520
	Total	-								5,520	78	14,870

UNIT FC: YEN

	Truck with crane 8t per	day					LC: US\$					US\$≈¥120
No			Quantity			Bas	ic Price			Unit	Cost	Total
				Ma	aterial	L	abor	Equip	nent	Amo	unt	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material									·		<b>1</b> .
	Fuel & Lubricant	ir .	124	0	0.330		· .			o	41	4,910
	Others	L.S.	. 1	0	4.00		.:			0	4	480
1.	Sub Total			*		•				0	45	5,390
2	Labor											
"		man.day	1			0	33			0	33	3,960
		L.S.	1			0	l o			0	0	0
	Sub Total		}		·		i i			o	33	3,960
3	Equipment											į
		day	1					5520	. 0	5,520	0	5,520
	Sub Total								·	5,520	o	5,520
}	Total									5,520	78	14,870
							·					

UNIT

2B21 and 2C20

FC: YEN

	1 and 2020					1,						
Tru	ck crane 16t per d	ay					LC: US\$					US\$=¥1:
Vo I	Work Item	Unit	Quantity			Bas	sic Price			Unit	Cost	Total
					erial	ì	abor	Equipr	nent	Amo	unt	in
1				FC	LC	FC	LC	FC	LC	FC	LC	- YEN
1 Mat	erial							. [				
Fue	l & Lubricant	lr .	190	o	0.330				-	0	63	7,5
Oth	ers	L.S.	1	0	2.00		·			0	. 2	:
	Total		)	İ						0	65	7,
2 Lab	or		·								l ·           {	
Оре	erator	man.day	1	l.		. 0	33		*.	. 0	. 33	3.
Oth	ers	L.S.	1				0			0	0	100
Sub	Total					; 	-			0	33	3
								4				
3 Equ	ipment	1										
		day	1					9480	. 0	9,480	0	. 9
	Total	'			-			,		9,480	0	9
				. [								
Tota	al		[				1			9,480	98	21,
1,000	WI .			}								

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

> 2B21-1 2G20-1

UNIT

Truck 8t per day

FC: YEN LC: US\$

	Truck of bei day						LO. 034					004-1120
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
			·	Ma	iterial	L	abor	Equip	ment	Amo	unt	in
	·			FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material											
	Fuel & Lubricant	ir	117	0			ļ			0	39	4,633
	Others	L.S.	1	0	1.00		]			0	1	120
	Sub Total									٥	40	4,753
,	Labor											
j.	1 .	man.day	t			0	33			o	33	3,960
	Others	L.S.	1			0	0			0	0	. 0
	Sub Total	}								0	33	3,960
3	Equipment											
		day	1			: :: :		3480	0	3,480	0	3,480
	Sub Total									3,480	o	3,480
	T-4-1									2 400	72	10 100
	Total									3,480	73	12,193

2B21 and 2C20

Generator 45KVA per day

FC: YEN LC: US\$

UNIT

US\$=¥120 Unit Cost Basic Price Total Work Item Unit Quantity No Equipment Amount in Labor Material FC LC FC LC YEN FC LC LC FC 1 Material 19 2,257 57 0 0.330 Fuel & Lubricant 120 LS. 1.00 Others 20 2,377 Sub Total 2 Labor 33 3,960 Operator man.day Others L.S. 33 3,960 Sub Total 3 Equipment 1,080 1080 1,080 Generator 45KVA day 1,080 1,080 Sub Total 1,080 53 7,417 Total

Fuel & Lubricant: 57PS x 0.2 x 6 x 1.05 x 0.8

UNIT

2B22 and 2C21.

FC: YEN LC: US\$

Generator 45KVA per day

US\$=¥120

	Generator 45KVA per	day			·		TO: 029					US\$-#120
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
		1.		Ma	aterial	L	abor	Equip	ment	Am	ount	in
· ·				FC	LC	FC	LC	FC	LC	FC	LC	YEN
. 1	Material		,				-			•		
	Fuel & Lubricant	]lr	57	j o	0.330					0	19	2,257
	Others	L.S.	1	0	1.00				ļ	0	1	120
	Sub Total							Ì		0	20	2,377
2	Labor	1						}	}		<u> </u>	
	Operator	man.day	1		. !	0	33			0	33	3,960
	Others	L.S.	1			. 0	0			0	0	0
	Sub Total		]		1			{	]	0	33	3,960
					١. ا			·				
3	Equipment		ļ		1					ļ		
	Generator 45KVA	day	11				ł	1080	0	1,080		1,080
	Sub Total	1		·						1,080	0	080,1
		İ				"	1					
	Total		1		1	,				1,080	53	7,417
		1							l			

Fuel & Lubricant: 57PS x 0.2 x 6 x 1.05 x 0.8

2B22 and 2C21

Total

UNIT FC: YEN

LC: US\$ US\$=¥120 Truck crane 16t per day\_ Work Item Basic Price Unit Cost Unit Quantity Total No Amount Material Labor Equipment in FC LC FC FC LC YEN FC LC LC 1 Material Fuel & Lubricant 63 7,524 190 0.330 L.S. Others 2.00 240 65 7,764 Sub Total 2 Labor 33 3,960 Operator man.day Others L.S. 33 3,960 Sub Total 3 Equipment 9480 9,480 Truck crane 16t 9,480 day 9,480 9,480 Sub Total

9.480

98

21,204

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

> 2B22-2 2C21-2

UNIT

2B22 and 2C21

FC: YEN 10:1194

	Truck 8t per day						LC: US\$	* .				US\$=¥12
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
				Ma	terial	L	abor	Equip	ment	Amo	unt	in
				FC	LC	FC	LC	FC	ro C	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr	117	0	0.330	* *				0	39	4,63
	Others	L.S.	1 1	0	1,00		}			0	1	12
	Sub Total	1.								О	40	4,75
						-			:			
2	Labor	1	1 1							<u> </u>		
	Operator	man.day	l' 1,			o	33			0	33	3,9
	Others	L.S.	1			0	ol			0	0	
	Sub Total		1			-				0	33	3.9
			1				·					-,-
3	Equipment	-			·					·		
	Truck 8t	day					}	3480	0	3,480	0.	3,4
	Sub Total	Joay	'					0-100	Ĭ	3,480		3,4
		1	.							0,400	Ŭ	٠,٠
	Total	1		}	·		ļ			3,480	73	12,19
	i Çtai									3,400	, /3	12,13

UNIT

FC: YEN

2B23 and 2C22

r day					LC: US\$					US\$=¥12
Unit	Quantity			Ba	sic Price			Unit (	Cost	Total
		Ma	terial		abor	Equip	ment	Amo	unt	in
1		FC	LC	FC	LC	FC	LC	FC	LC	YEN
lr	57	0	0.330					O	19	2.23
L.S.	1	0	1.00		1			0	1	12
1								0	20	2,3
man.day	1		İ	0	33			0	33	3,9
L.S.	1		·	0				o	0	
								0	33	3,9
day	1				1 1	1080	0	1,080	0	0,1
								1	1	1,0
								1,080	53	7,4
	ir L.S.	lr 57 L.S. 1 man.day ! L.S. 1	Unit   Quantity	Unit   Quantity	Unit   Quantity   Bar   Material   L	Unit   Quantity   Basic Price	Unit   Quantity   Basic Price     Material   Labor   Equipole	Unit   Quantity   Basic Price	Unit	Unit   Quantity   Basic Price   Unit Cost   Amount   FC   LC   FC   LC   FC   LC   FC   LC

Fuel & Lubricant: 57PS x 0.2 x 6 x 1.05 x 0.8

2B23-1

2C22-1

UNIT FC: YEN

Truck crane 16t per day

LC: US\$ US\$=¥120 Basic Price Unit Cost Total No Work Item Unit Quantity Amount in Material Labor Equipment LC YEN LC FC LC FC LC FC FC Material 0.330 63 7,524 Fuel & Lubricant 190 LS. 240 Others 2.00 65 7,764 Sub Total 2 Labor 33 3,960 33 Operator man.day L.S. Others 33 3,960 Sub Total 3 Equipment 9480 9,480 9,480 Truck crane 16t day 9,480 9,480 Sub Total 98 9,480 21,204 Total

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

UNIT FO: YEN

	Truck 8t per day						LC: US\$					US\$=¥120
No		Unit	Quantity			Ba	sic Price			Unit	Cost	Total
				Ма	terial	L	abor	Equip	ment	Am	ount	. in
٠.				FC	LC	FC	LC	FC	LC_	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr	- 117	. 0	0.330		· ·			l c	39	'
	Others	L.S.	1	0	1.00		<b>!</b>				1	120
	Sub Total				•		1		ļ ·	- C	40	4,753
2	Labor	1			٠		Į					
	Operator	man.day	1			0	33				33	3,960
	Others	L.S.	1			٥	0				0	·· · · 0
	Sub Total									(	33	3,960
		1					}		} .	}	1	
. 3	Equipment										•	
	Truck 8t	day	1					3480	0	3,480	E.	-,
	Sub Total	į.					1	1		3,480	0	3,480
				* *					ļ			
	Total			ľ					İ .	3,480	73	12,193
		1							·	1	1	

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

2B23-3 2C22-3

2C0401

UNIT FC: YEN

LC: US\$ Floating Dock 6000t per day US\$=¥120 Work Item Basic Price Unit Cost Total Unit Quantity No Material Labor Equipment Amount in FC LC FC LC FC LC FC LÇ YEN Material 0.330 104 12,474 Fuel & Labricant 315 720 L.S. 6.00 Others 13,194 110 Sub Total 2 Labor 90,000 High class crew 45000 0.00 90000 man.day 12000 0.00 24000 24,000 Middle class crew man.day man.day 33.00 66 7,920 Low class crew Sub Total 114000 66 121,920 3 Equipment 367,800 Floating dock 6000t 367800 0 0 367,800 day 367,800 367,800 Sub Total 481,800 502,914 Total 176

Fuel & Lubricant: 250PS x 0.2 x 6 x 1.05

UNIT FO: YEN

Pontoon 1000t per day

LC: US\$ US\$=¥120

No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
					terial	L	abor	Equip	ment	Amo	ount	in
	ļ			FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material											
	Fuel & Labricant	lr	0	0	0.330					0	0	0
	Others	L.S.	] 1	0	6.00				"	0	6	. 720
	Sub Total									0	6	720
2	Labor											
	High class crew	man.day	o	-		45000	0.00			. 0	0	. 0
	Middle class crew	man.day	. 0			12000	0.00			0	0	0
	Low class crew	man.day	2			0	33.00			0	66	7,920
	Sub Total			İ						0	66	7,920
,					-							
3	Equipment			·								
	Floating dock 6000t	day	. 1	· •				25080	0	25,080	0	25,080
	Sub Total									25,080	0	25,080
	Total									25,080	72	33,720

UNIT FC: YEN

	Truck with crane 8t per	day	1 <u>1</u>				LC: US\$	**				US\$=¥120
No	Work Item	Unit	Quantity			Bas	sic Price			Unit	Cost	Total
Ì			1	Ma	aterial	Ĺ	abor	Equip	ment	Amo	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
l	Fuel & Lubricant	?r	124	0	0.330			:		0	41	4,910
	Others	L.S.	1	0	4.00	5				0	4	480
	Sub Total									0	45	5,390
			}	•	]				}	}		
2	Labor	•										
	*	man.day	1	11.5		Ö	33			0	33	3,960
	Others	L.S.	1	44		σ	0			0	0	0
	Sub Total								[	-0	33	3,960
٠.										<u> </u>		·
3	Equipment		1									
	Truck with crane 8t	day	1					5520	0	5,520	0	5,520
	Sub Total									5,520	. 0	5,520
							2					
	Total	]			]		}			5,520	78	14,870
-									[ ·			

UNIT FC: YEN.

Truck with crane 8t per day

LC: US\$ US\$=¥120 Basic Price **Unit Cost** Total Unit Quantity Work Item No Labor Amount Equipment Material in FC FC FC LC FC YEN LC LC LC 1 Material Fuel & Lubricant 0.330 41 4,910 124 4.00 480 Others L.S. Sub Total 45 5,390 2 Labor 3,960 Operator 33 man.day L.S. Others 33 3,960 Sub Total 3 Equipment 5520 5,520 5,520 Truck with crane 8t day 5,520 5,520 Sub Total 5,520 78 14,870 Total

UNIT FC: YEN

Truck with crane 8t pe	r day					LC: US\$					US\$=¥120
Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
<b>i</b>			Ma	iterial	Ĺ	abor	Equip	ment	Amo	ount	in
		<u> </u>	FC	LC_	FC	LC	FC	LC	FC	LC	YEN
Material											
Fuel & Lubricant	{r	124	. 0	0.330					0	41	4,910
Others	L.S.	1	. 0	4.00				1	0	4	480
Sub Total									0	45	5,390
labor		[									
9	man.day	1			. 0	33			) · o	33	3,960
Others	L.S.	1			0	٥			. 0	이	. 0
Sub Total	1			·					0	33	3,960
		]									
1	1.							_		_	
)	day	1		. ]		)	5520	0	1	, ,	5,520
Sub-Total									5,520	0	5,520
Total									5.520	78	14,870
	Work Item  Material Fuel & Lubricant Others Sub Total  Labor Operator Others Sub Total  Equipment Truck with crane 8t 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 day Sub Total	Work Item Unit Quantity  Material Fuel & Lubricant Ir 124 Others L.S. 1 Sub Total  Labor Operator man.day 1 Others L.S. 1 Sub Total  Equipment Truck with crane 8t day 1 Sub Total	Work Item	Work Item	Work Item	Work Item	Work Item	Work Item	Work Item	Work Item   Unit   Quantity   Basic Price   Unit Cost

UNIT

FC: YEN

	Pile Driving Barge per	day					LC: US\$	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			· · · · · · · · · · · · · · · · · · ·	US\$=¥120
No	Work Item	Unit	Quantity			Ur	nit Cost			Cost	per day	Total
		1		Material		L	Labor		ment	Am	ount	in :
		l	<u> </u>	FC	LC	FC	LC	FC_	LC	FC	LC	YEN
	Material		602.0		0.33						229	27,443
	Fuel & Lubricant Others	!r L.S	693.0	0	0.33					0	0	27,440
	Sub Total				-			; i		· · · · · · · · · · · · · · · · · · ·	229	27,443
2	Labor			-		· ·		,				
	High class crew	man	1			45000				45000		45,00
	Middle class crew	man	2		•	12000		N		24000	·	24,00
	Low class crew	man	6		:	0	33			60000	198	23,760
	Sub Total		•							69000	198	92,76
3	Equipment							 				
	Pile driving barge D=72	day	1					338,040	0		1	338,040
٠.	Sub Total									338,040	0	338,040
	Total									407,040	427	458,243

Fuel & Lubricant: 550PS x 0.2 x 6H x 1.05

UNIT FC: YEN

Tug boat 250PS per day

LC: US\$ US\$=¥120 Work Item Unit Quantity Cost per day Total No Unit Cost Material Labor Equipment Amount in FC YEN FC LC FC LC FC LC LO 1 Material Fuel & Lubricant Ir 210.0 8,316 0.33 Others L.S 1.0 Sub Total 69 8,316 2 Labor High class crew 45000 man-100 Middle class crew 100 12,000 man Low class crew 66 7,920 man 166 Sub Total 19,920 3 Equipment Tug boat 250PS 11,760 11,760 11,760 day 11,760 11,760 Sub Total

Fuel & Lubricant: 250PS x 0.2 x 4H x 1.05

11,760

235

39,996

UNIT FC: YEN

2001 Anchor hoat 180PS

	Anchor boat 180PS pe	r day					LC: US\$		· · · · · · · · · · · · · · · · · · ·	**		US\$=¥120
No			Quantity			Ur	it Cost			Cost r	er day	Total
-		1	1		terial	Labor		Equip	ment	Ame	ount	in
		_		FC	LC	FC	LC	FC	LC	FC	LO	YEN
1	Material											
	Fuel & Lubricant	lr	226	. 0	0.33				ĺ	0	75	8,95
	Others	L.S	1	0	0				•	0	0	. (
	Sub Total	ļ								. 0	75	8,959
												•
2	Labor				·	1						
	High class crew	man	0			45000	0			0	. O	
	Middle class crew	man	1 1			0	100	·		. 0	100	12,000
	Low class crew	man	2		i	0	33	٠.	İ	. 0	66	7,92
٠.	Sub Total								·	0	166	19.92
		}					į	٠.				
3	Equipment	İ	1							1.		
	Anchor boat 180PS	day	1					49.800	0	49,800	0	49,800
	Sub Total	l								49,800		49.80
	COD TOTAL											
	Total					*				49,800	241	78,670

Fuel & Lubricant: 180PS x 0.2 x 6H x 1.05

UNIT FC: YEN

	Pontoon 1000ton per	day					LC: US\$	· .		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	US\$=¥120
No	Work Item	Unit	Quantity			Ur	nit Cost			Cost	per day	Total
			1	Ma	terial		abor	Equip	ment	Am	ount	in
		(		FC	LC	FC	LC	FC_	LC	FC	LC	YEN
1	Material						٠.			j		
	Fuel & Lubricant	lr lr	0	0	0.33			·		0	0	. , 0
	Others	L.S	1	0	0		-			. 0	. 0	0
	Sub Total		1 .							0	0	0
		ľ								1		
2	Labor		}	•				•				
	High class crew	man	O	* *		45000	0			0	១	. 0
	Middle class crew	man	0		· ·	. 0	100			o	0	. 0
	Low class crew	man	2			0	33			.0	66	7,920
	Sub Total		]	·	·					. 0	66	7,920
							2			}	:	- '
3	Equipment	}		,								
	Pontoon 1000ton	day	1			1		25,080	0	25,080	0	25,080
	Sub Total	],	] ]				*			25,080		25,980
	Cup   Cui											
	Total	}		·					:	25,080	66	33,000

Fuel & Lubricant:

UNIT FG: YEN

	2001	av.		•			LC: US\$			<i>t</i>	- P	US\$=¥120
No	Pontoon 500ton per d Work Item	Unit	Quantity		<u> </u>		nit Cost			Cost	per day	Total
110	Tronk Roin			Mat	terial	··	abor	Equip	ment		ount	In
		1		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr	0	0	0,33		ļ			0	0	0
	Others	LS	1	0	. 0	•				0	. 0	0
	Sub Total									0	. 0	0
2	Labor		].									
	High class crew	man			·	45000	0		•	. 0	0	. 0
	Middle class crew	man	0			0	100			0	0	.0
	Low class crew	man	2			0	. 33			0	66	1
	Sub Total	•								0	66	7,920
. 3	Equipment		-	1								
	Pontoon 500ton	đay	1					14,400	j. 0	1 .	li .	14,400
	Sub Total									14,400	D	14,400
	  Total									14,400	66	22,320

Fuel & Lubricant:

UNIT

FC: YEN

LC: US\$ Crawler crane 50ton per day US\$=¥120 Work Item Unit Quantity Cost per day Total No Unit Cost Material Labor Equipment Amount in LC FC LC YEN FC LC FC LC FC 1 Material 7,484 Fuel & Lubricant lr 189 0,33 62 L.S Others Sub Total 62 7,484 2 Labor 33 3,960 Operator man man man ' Sub Total 3,960 3 Equipment 22,320 22,320 22,320 Crawler crane 50ton day 22,320 Sub Total 22,320 22,320 95 Total 33,764

Fuel & Lubricant: 180PS x 0.2 x 5 x 1.05

UNIT FG: YEN

	Crawler crane 30ton p	er day		,			LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			U	nit Cost			Cost	per day	Total
				M	aterial	1	abor	Equip	ment	Am	ount	in
				FC	LC ·	FC	LC	FC	LC	FC	LC	YEN
1	Material	T										
ļ	Fuel & Lubricant	} tr	157	. 0	0.33		1		ł	0	52	6,217
	Others	L.S	1	. 0	0			•		0	. 0	0
	Sub Total	1 .			Ì				<u> </u>	0	52	6,217
							•				·	
2	Labor						ł					
	Operator	man	1			0	33		<u> </u>	0	33	3,960
		man	0			0	0		ļ	0	.0	. 0
		man	o O		1	0	} 0		•	0	0	δ
	Sub Total	1			1				Ì	.0	33	3,960
		]			[	**			İ			
.3	Equipment											
	Crawler crane 30ton	đay	1				ļ	13,440	0	13,440	. 0	13,440
	Sub Total				1					13,440	0	13,440
					]					. :		•
	Total	1	<u> </u>			· · · · · · · · · · · · · · · · · · ·	l	·		13,440	85	23,617

Fuel & Lubricant: 150PS x 0.2 x 5 x 1.05

UNIT FC: YEN

	Truck crane 25ton per	day					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Į	Jnit Cost			Cost p	per day	Total
			1 [	Ma	terial		Labor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
ţ	Material		Ţ				7					
	Fuel & Lubricant	lr	210	0	0.33		<u> </u>			. 0	- 69	8,316
	Others	L.S	1	0	. 0	·				. 0	0	C
	Sub Total									0	69	8,316
2	Labor			,								
	Operator	man	1				0 33	3	1	. 0	33	3,960
	·	man	0				0 0	o <b>l</b>		.0.	이	٤
		man	0				0 0			0	0	
	Sub Total		] ]							0	33	3,960
3	Equipment											
	Truck crane 25ton	day	1				. 1	12,960	0	12,960	. 0	12,960
	Sub Total							1		12,960	0	12,960
	Total									12 960	102	25 236

Fuel & Lubricant: 140PS x 0.2 x 5 x 1.05 274PS x 0.11 x 2 x 1.05

UNIT FC: YEN

	Trailer 28ton per day		****			·	LC: US\$				·	US\$=¥120
No	Work Item	Unit	Quantity			U	nit Cost			Cost pe	er day	Total
[				Ma	terial	L	abor	Equip	ment	Amo	unt	in .
		<u> </u>	I	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr lr	147	0	0.33	P				0	49	5,821
	Others	LS	1	0	0					0	. 0	0
	Sub Total	1	1		}				1		. 49	5,821
2	Labor									]		
1	Operator	man	1			0	33			o	33	3,960
		man	0		}	0	0			0	. 0	. 0
		man	ם			. 0	0			0	0	
}	Sub Total				·					0	33	3,960
<b>j</b> .	er en	1										
3	Equipment		1.	*						1.0		
	Trailer 28ton	day	. 1		ĺ		<u> </u>	8,760	0	8.760	0	8,760
	Sub Total	]		1.	J		] .			8.760	0	8,760
1								]				
1	Total	1								8,760	82	18,541

UNIT

FC: YEN

	Generator 100KVA per	day		<u> </u>		·	LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			U	nit Cost			Cost p	er day	Total
				Ma	terial	L	abor	Equip	ment	Amount		in
			İ	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr -	126	0	0.33		1			0	42	4.990
	Others	LS	1	0	0					0	0	. 0
:	Sub Total		ľ							o	42	4,990
	a production of	1	1 1				}		1	ŀ		
. 2	Labor									.		
1	Operator	man	1 1			. 0	33			0	33	3,960
		man	0	i. '		0	0			0	0	0
		man				- 0	o			0	0	. 0
	Sub Total	}								0	33	3,960
			[ ]								- {	
- 3	Equipment					•				*. <b>[</b>		
	Generator 100KVA	day						1,800	. 0	1,800	0	1,800
	Sub Total									1,800	. 0	1,800
										1		
l	Total									1,800	75	10,750

Fuel & Lubricant: 125PS x 0.2 x 6 x 1.05 x 0.8

UNIT

FC: YEN

Generator 45KVA per day

LC: US\$ US\$=¥120 Total Cost per day Work Item Unit Quantity Unit Cost No Labor Equipment in Material Amount FC LC YEN FC LC FC LC FC LC 1 Material 18 0.33 2.218 Fuel & Lubricant lr' 56 L,Ş Others 18 2,218 Sub Total 2 Labor 33 3,960 Operator man man man 33 3,960 Sub Total 3 Equipment 1,080 1,080 1.080 Generator 45KVA day 1,080 1,080 Sub Total 1,080 51 7,258

Fuel & Lubricant: 56PS x 0.2 x 6 x 1.05 x 0.8

Total

UNIT FC: YEN

Tug boat 250PS per day

LC: US\$ US\$=¥120 Basic Price Total Unit Quantity Unit Cost Work Item Material Labor Equipment in Amount FC LC YEN FC LC LC FC LC FC 1 Material Fuel & Lubricant 210 0,319 8,039 Others 67 8,039 Sub Total 2 Labor 45000 High Class Crew man.day Middle Class Crew 100 100 12,000 man,day Low Class Crew 33 66 man.day 12,000 Sub Total 3 Equipment day 11760 Tug boat 250PS 11,760 11,760 11.760 Sub Total 11,760 233 31,799 Total 11,760

Fuel & Lubricant; 250PS x 0.2 x 4 x 1.05

UNIT

FC: YEN LC: US\$

Crawler crane 50t per day

US\$=¥120 Unit Cost Basic Price Total Work Item Unit | Quantity Amount Labor Equipment in Material YEN FC LC FC LC LC FC LC FC 1 Material 5,788 Fuel & Lubricant 151 0.319 Others 48 5,788 Sub Total 2 Labor 33 3,960 Operator man.day L.S. Others 33 3,960 Sub Total 3 Equipment 22320 22,320 22,320 Crawler crane 50t day 22,320 22,320 Sub Total 32,068 22,320 Total

Fuel & Lubricant: 180P\$ x 0.2 x 4 x 1.05

UNIT FC: YEN

	Crawler crane 30t per	dav					LC: US\$	•		•	9	US\$=¥120
No	Work Item	Unit	Quantity			Bas	sic Price			Unit	Cost	Total
				Material		L	abor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material Fuel & Lubricant	lv.	126		0.319					0	40	4,823
l .	Others	"	120	Ŭ	0.013							
	Sub Total					,				0	40	4,823
2	Labor		,			,				· .		
	Operator Others	man.day L.S.	1			0	33 0			0	33	3,960 0
			[ • ]									
	Sub Total		]	. ]			. ]		] .	0	33	3,960
3	Equipment									• •		
	Crawler crane 50t	day	1					13440	0	13,440	1 1	13,440
	Sub Total									13,440		13,440
	Total			·						13,440	73	22,223
		<u> </u>										

Fuel & Lubricant: 150PS x 0.2 x 4 x 1.05

UNIT FO: YEN

Generator 125KVA per day

LC: US\$ US\$=¥120 Basic Price Unit Cost Total No Work Item Unit Quantity Material Labor Equipment Amount in FC FC LC LC YEN FC FC LC LC 1 Material Fuel & Lubricant 199 0.319 63 7,618 Others 63 7,618 Sub Total 2 Labor Operator man.day 33 33 3,960 Others LS. 33 3,960 Sub Total 3 Equipment 2280 2,280 2,280 Crawler crane 50t day Sub Total 2,280 2,280

2,280

96

13.858

Fuel & Lubricant: 158PS x 0.2 x 6 x 1.05

Total

UNIT FC: YEN LC: US\$

Pontoon 500t per day

US\$=¥120

	Pontoon Joot per day						LO. 004					U39-4120
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
× .		·	[	Ma	terial		abor	Equip	ment	Amo	ount	in
		L	L [	FC	LC	FÇ	LC	FC	LC	FC_	LC	YEN
1	Material		}						1			
	Fuel & Lubricant	lr .		· 0	0.319			<u> </u>		. 0	0	٤
	Others						i i		1			
	Sub Total	·	{	· •						0	0	. c
		]									·	,
2	Labor			]				]	1			
	High Class Crew	man.day	l ol			45000	0		1	0	0	
	Middle Class Crew	man.day	! }	• }		12000		1		0	ا	· · · .
		man.day	) )	- 1		ם	33	}		0	66	7.920
	Sub Total					•		1		n	66	
	7000	·			·				· .	· ·	00	
વ	Equipment		[ [	[			"	[	ĺ			
		day	,	-				14400	۰ ا	14,400	C	14.400
	Sub Total	Cay	'}		·			14400	}	14,400		14,400
	000 1000								1	17,400	Ĭ	17,400
	  Total			ļ			-			14,400	ce	22,320
	i Qtaj								ł	14,400	66	22,320

UNIT

FC: YEN

Truck crane 16t ner day

	Truck crane 16t per d	ay					LC: US\$				· · · · · · · · · · · · · · · · · · ·	US\$=¥120
No	Work Item	Unit	Quantity			Ba	sic Price			Unit	Cost	Total
				М	aterial	Ĺ	abor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr .	190	(	0.330	,			<u>.</u>	0	63	7,524
	Others	L.S.	1	. (	2.00					0	2	240
	Sub Total						1			0	65	7 <b>.7</b> 64
		1					]	·				
2	Labor				1						<u> </u>	•
	Operator	man.day	1			. 0	33			0	33	3,960
	Others	L.S.	1			ō	0			0	이	C
	Sub Total	] .								0	33	3,960
•							]					
. 3	Equipment	1	'		}		}		}		}	
	Truck crane 16t	day	1					9480	0	9,480	0	9,480
	Sub Total									9.480	0	9,480
		1					}					
	Total .									9,480	98	21,204
	* .							ļ	<u>.</u>	1		

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

UNIT FC: YEN

Truck 8t per day

LC: US\$ US\$=¥120 Work Item Unit Quantity Basic Price Unit Cost Total No Material Labor Amount Equipment in LC FC FC LC LC LC YEN FC FC 1 Material Fuel & Lubricant 117 0.330 39 4,633 Others 1.00 120 L.S. Sub Total 4,753 2 Labor Operator man,day 33 3,960 L.S. Others Sub Total 33 3,960 3 Equipment 3480 Truck 8t 3,480 3,480 day 3,480 Sub Total 3,480 3,480 73 12,193 Total

UNIT FC: YEN

	Generator 45KVA pe	er day					LC: US\$					US\$=¥12
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
			[	Ma	terial	L	abor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	İr	57	0	0.330	i				0	19	2,2
	Others	L,S.	1	0	1.00					0	1	1
	Sub Total									0	20	2,3
2	Labor											
	Operator	man.day	1			0	33			0	33	3,9
	Others	L.S.	1		ŀ	0	0			0	o[.	
	Sub Total				]			<del>-</del>		0	33	. 3,9
		- {										
3	Equipment	ļ										
- 1	Generator 45KVA	day	1					1080	0	1,080	0	1,0
	Sub Total						•			1,080	0	1,0
	Total									1,080	53	7,4

Fuel & Lubricant: 57PS x 0.2 x 6 x 1.05 x 0.8

2D04

UNIT FC: YEN

LC: US\$

Truck crane 25ton per day US\$=¥120 Work Item Unit Quantity Unit Cost Cost per day Total Material Labor Equipment Amount in YEN LC FC LC FC ĹC FC LC FC Material Fuel & Lubricant 1r 210 0.33 69 8,316 Others L.S 69 Sub Total 8,316 2 Labor Operator 33 33 3,960 man man man Sub Total 3,960 3 Equipment 12.960 Truck crane 25ton day 12,960 12,960 12,960 12,960 Sub Total Total 12,960 102 25,236

Fuel & Lubricant: 140PS x 0.2 x 5 x 1.05 274PS x 0.11 x 2 x 1.05

UNIT FC: YEN

	Trailer 28ton per day						LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Uı	nit Cost			Cost	per day	Total
		ļ		Ma	terial	L	abor	Equip	ment	Am	ount	in '
		i		FC	LC	FC	LC	FC	LC	FC	LC	YEN
. 1	Material	T										
1	Fuel & Lubricant	lr	147	٥	0.33				1	0	49	5,821
	Others	L.S	1	٥	0					0	0	0
	Sub Total		l.							0	49	5,821
	ĺ	]					1.					:
2	Labor	]				•					[ <i>!</i>	•
	Operator	man	1			0	33	. :		0	33	3,960
		man	0			0	0			) o	0	0
		man	0	ł		. 0	O	•	}	. 0	0	0
	Sub Total	ļ	.	•						l o	33	3,960
										ļ	[ ·	•
. 3	Equipment			ļ								
	Trailer 28ton	đay	1	i		•		8,760	0	8.760	l ol	8,760
	Sub Total		[						-	8,760	1 - 1	8,760
	Cun rocar										1	
	Total									8,760	82	18,541

Fuel & Lubricant: 320PS x 0.11 x 4 x 1.05

UNIT FC: YEN

Generator 45KVA per day LC: US\$ US\$=¥120 No Work Item Total Unit Cost Cost per day Unit Quantity Material Labor Equipment Amount in FC LC FC LC FC LC FC YEN LC Material Fuel & Lubricant ir 56 0.33 2,218 Others L.S Sub Total 18 2,218 2 Labor 33 3,960 Operator man man man 33 3,960 Sub Total 3 Equipment Generator 45KVA 1,080] 1,080 1,080 day 1,080 Sub Total 1,080

Fuel & Lubricant: 56PS x 0.2 x 6 x 1.05 x 0.8

Total

1,080

7,258

UNIT

FC: YEN

2003											
Truck crane 16t per	day		_			LC: US\$					US\$=¥1
o Work Item	Unit	Quantity		· ·	Ba	sic Price			Unit	Cost	Total
·			Mat	terial	l	abor	Equip	ment	Ame	ount	ín
			FC	LC	FC	LC	FC	LC	FC	LC	YEN
1 Material											
Fuel & Lubricant	lr	190	0	0.330				1	0	63	7,5
Others	L.S.	1	0	2.00		1		1	0	2	
Sub Total							·		0	65	7,
	1			• [				1			
2 Labor						. :					
Operator	man.day	1			C	33		1	· 0	33	3
Others	L.S.	1			0	)			0	0	
Sub Total	j	1 1	. 1						0	. 33	3
				·		1					
3 Equipment						1	•				
Truck crane 16t	day	1					9480	<b>j</b> . o	9,480	0	. 9
Sub Total		].							9,480	0	9
						:					
Total									9,480	98	21,
			.		•			ĺ		· •	

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

UNIT FC: YEN

	Truck 8t per day	, <u>1875</u> - 18	· .		1.1.4		LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
				Ma	iterial	Li	abour	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
T	Material								{			
	Fuel & Lubricant	lr ,	117	. 0	0.330					. 0	. 39	4,633
	Others	L.S.	1	0	1.00	**				0	1	120
	Sub Total									0	40	4,753
2	Labour											
1	Operator	man,day	1			0	33			0	33	3,960
1	Others	L.S.	1			. 0	. 0		ł	0		. 0
	Sub Total									0	33	3,960
			1						İ			
3	Equipment						·					
1	Truck 8t	day	1			'		3480	0	3,480	o o	3,480
-	Sub Total				·					3,480	0	3,480
	Total		) .		•				}	3,480	73	12,193
		·										

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

UNIT FC: YEN

	2000						1 O. 1 LIV		•		*	
	Generator 45KVA per	day					LC. US\$			N 199		US\$=¥121
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
		i	] [	Ma	terial	L	abor	Equip	ment	Arr	nount	in
				FC	LC	FC	LC	FC	LC	FC	ĽC	YEN
1	Material											•
	Fuel & Lubricant	lr .	57	0	0.330					. 0	19	2,25
	Others	L.S.	1	, 0	1,00				Ì	0	. 1	12
•	Sub Total	}	}				l .		ì	٥	20	2,37
					}		4 W					
2	Labor											
	Operator	man.day	1	•		0	33		}	0	33	3,96
	Others	L.S.	1			0.	0			. 0	0	
	Sub Total	Ì								0	33	3,96
			-						i			
3	Equipment											*.
	Generator 45KVA	day	1					1080	0	1,080	. 0	1,08
٠.	Sub Total		i	i			:		•	1,080	O	1,08
			}						l .			
	Total	1			1					1,080	53	7,41
					·				* -	]		

Fuel & Lubricant: 57PS x 0.2 x 6 x 1.05 x 0.8

UNIT FC: YEN

	2000											
	Generator 45KVA per of	day					LC: US\$					US\$=¥12
No	Work Item	Unit	Quantity			Ба	sic Price			Unit	t Cost	Total
		1		Ma	aterial	L	abor	Equip	ment	An	nount	in ·
	A STATE OF THE STA			FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	ir	57	0	0.330					0	19	2,2
	Others	L.S.	] 1]	0	1.00		j ' j		j	0	1	1:
	Sub Total		] [		1 1		}		Į.	0	20	2.3
		]										
2	Labor	1	1 1		1 1							
	Operator	man.day			1	0	33			o	33	3.9
	Others	L.S.	1			0	0		<b>!</b> '	٥		
	Sub Total		1 1		[ - [		[ ]			o	33	3.9
					]					_		
3	Equipment	ļ	)		1 1				]		Ì	
	l .	day					}	1080	٥ ا	1,080	ก	1,0
	Sub Total	100,	'		1		1	, 550	Ĭ	1,080	: i	1,0
	1000		1		1		! !			1,000	,	1,0
	Tatal						]	•		1,080	5.2	7.6
	Total	İ								1,080	53	7,41

Fuel & Lubricant: 57PS x 0.2 x 6 x 1.05 x 0.8

UNIT FC: YEN

	2000							1.				
	Truck crane 16t per	day					LC: US\$					US\$=¥12
Nο	Work Item	Unit	Quantity			Bas	sic Price			Unit	Cost	Total
			ŀ	Ma	terial	1	abor	Equip	ment	Am	ount	in
Ì				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
ł	Fuel & Lubricant	lr .	190	0	0.330			·		. 0	63	7,
1	Others	L.S.	1	0	2.00					0,	. 2	:
	Sub Total						2.5	·		0	65	7.
			1									
2	Labor								1			
- 1	Operator	man.day				0	33			o	33	3,
- 1	Others	L.S.				0	. 0			. 0	. 0	
	Sub Total								1	.0	33	3
`												
أد	Equipment											
	Truck crane 16t	day						9480	0	9,480	. 0	9,
	Sub Total									9,480		9
	Jub Totar											
	Tetal									9,480	98	21,
. }	Total	1	}						<u> </u>	} 3,,133		

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

UNIT

FC: YEN

Truck 8t per day LC: US\$ US\$=¥120 Work Item Basic Price Unit Cost Unit Quantity No Total Material Labor Equipment Amount in -FC FC LC FC LC YEN LC LC FC 1 Material 0.330 4,633 Fuel & Lubricant 117 39 Others L.S. 1.00 120 4,753 Sub Total 40 2 Labor man.day 3,960 Operator 33 Others . L.S. 33 Sub Total 3,960 3 Equipment 3,480 3,480 Truck 8t day 3480 Sub Total 3,480 3,480 3,480 12,193 73 Total

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

UNIT FC: YEN

Truck crane 25t per day

US\$=¥120 LC: US\$ Total Basic Price Unit Cost Work Item Unit Quantity No in Labor Equipment Amount Material YEN FC LC FC LC LC FC LC FC 1 Material 8,316 0.330 Fuel & Lubricant 210 480 4.00 L.S. Others 8.796 Sub Total 2 Labor 33 3.960 Operator man.day LS. Others 33 3,960 Sub Total 3 Equipment 12960 12,960 12,960 Truck crane 25t day 12,960 12,960 Sub Total 106 25,716 12,960 Total

Fuel & Lubricant: 274PS x 0.11 x 2 x 1.05 140PS x 0.2 x 5 x 1.05

UNIT FC: YEN

Trailer 28ton per day

LC: US\$

US\$=¥120 Work Item Basic Price No Unit Quantity Unit Cost Total Material Labor Equipment Amount រៃ FC LC FC LC FC LC FC LC YEN 1 Material Fuel & Lubricant 0.330 5,821 147 0.00 Others : LS. Sub Total 5,821 2 Labor 3,960 Operator 33 man.day 33 Others -L.S. 3,960 Sub Total 3 Equipment Truck with crane 8t 8,760 8,760 8760 day Sub Total 8,760 8,760 Total 18,541 8,760

Fuel & Lubricant: 320PS x 0.11 x 4 x 1.05

UNIT FC: YEN LC: US\$

Generator 45KVA per day

US\$=¥120

No	Work Item		Quantity			Bas	sic Price			Unit (	Cost	Total
					erial	l	abor	Equip	ment	Amo	unt	in
				FC	LC	FC	LC _	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr	57	0	0.330					0	19	2,257
	Others	L.S.	1	o	1.00					0	1	120
	Sub Total									0	20	2,377
2	Labor							·				
	Operator	man.day	1			0	33			0	33	3,960
	Others	L.S.	1	İ		. 0	) 0			0	0	0
	Sub Total		·							0	33	3,960
^	<b>"</b>											
	Equipment Generator 45KVA	day	1					1080	0	1,080	٥	1,080
	Sub Total	Joay	'							. 1,080	0	1,080
										1 000	FO	7,417
	Total									1,080	53	7,417

Fuel & Lubricant: 57PS x 0.2 x 6 x 1.05 x 0.8

UNIT

2D08

FC: YEN LC: US\$

	Truck crane 16t per da	ay			٠.		LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Bas	ic Price			Unit	Cost	Total
			i [	Ma	iterial	L	abor	Equip	ment	Am	ount	in
٠. ا		[	[[	FC	LC	FC	LC	FC	LC	FC	LC	YEN
. 1	Material											
	Fuel & Lubricant	lr	190	0	0.330					) 0	63	7,52
	Others	L.S.	1	0	2.00				1	, 0	2	. 240
	Sub Total						:			0	65	7,764
			) j		] · · · · ]	1					j j	
2	Labor				·				1	<u> </u>		
		man.day	1			Ü	33		1	0	33	3,960
	Others	LS.	1			. 0	0		} .	0	l • ol	7.
	Sub Total			,				-	1	0	33	3,96
			1 1						<b>.</b>			
3	Equipment	1										
	·	day	1	•			ļ	9480	0	9,480	٥	9,480
	Sub Total									9,480	1 .	9,480
		ł	] ]		}					1		
	Total				-				1	9,480	98	21,204
						l						

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

UNIT FC: YEN

Truck 8t per day

LC: US\$

US\$=¥120

	Truck at per day						LO. 004					004
10	<del></del>	Unit	Quantity	· · · · · · · · · · · · · · · · · · ·		Bas	sic Price			Unit	Cost	Total
					terial	l	abor	Equip	ment	Ame	ount	in .
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material				-							
	Fuel & Lubricant	lr	117	0	0.330		•			0	39	4,6
		L.S.	1	0	. 1,00				1	, 0	1	1
	Sub Total		· .	•						0	40	4,
	Labor										33	3,
	'	man.day	1			0					1	J.
	Others	L.S.	1	*		0	] .: 0			U	0	
	Sub Total				·					0	33	3.
							•				<b>i</b>	
3	Equipment	-										
	Truck 8t	day	1		·			3480	0	1		3
	Sub Total					·.				3,480	0	3
	Total									3,480	73	12.
									1			

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

UNIT FC: YEN

20101	and the second					TO, TEN					
Tug boat 450PS per	day					LC: US\$					US\$=¥12
Work Item	Unit	Quantity			Unit	Cost			Cost	er day	Total
A Comment of the Comm			Ma	terial	La	bor	Equip	ment	Am	ount	in
		}	FC	LC	FC	LC	FC	LC	FC	LC_	YEN
Material											
Fuel & Lubricant	lr .	378	0	0.33					0	125	1496
Others	L.S.	1	l o	5			<b>.</b>		. 0	5	60
Sub Total	1				1		ļ ·		0	130	15,56
		1	[ · ·		,		· ·	•			
Labor		1 .		ŀ							i
High Class Crew	manday	0			45000	0			0	o	
1	manday	1			0			'  -	0	100	12,00
1 .	manday	2			0	ł	1		0	66	7,92
Sub Total		1							. 0	166	19,92
	1	1					ļ				
Equipment	Ţ.				[		Í -				
	dayunit	1					19,320	0	19,320	· . 0	19,32
l .	Ţ				1		1	ļ 1	i .	t :	19,32
		!			}		ĺ	ĺ		[	
Total	*			]					19.320	296	54,80
				1		· !			10,000		01,00
	Material Fuel & Lubricant Others Sub Total Labor High Class Crew Middle Class Crew Low Class Crew	Material Fuel & Lubricant Others Sub Total  Labor High Class Crew Middle Class Crew Low Class Crew Sub Total  Equipment Tug boat 450PS Sub Total  Material Ir Unit Ir Unit Ir Ir Others L.S. Ir In In In In In In In In In In In In In	Material Fuel & Lubricant Others Labor High Class Crew Middle Class Crew Low Class Crew Sub Total  Equipment Tug boat 450PS Sub Total  Unit Quantity  Array  Array  Array  Material Ir Array  Array  Manday  Manday  Middle Class Crew Manday  Manday  Array	Tug boat 450PS per day           Work Item         Unit         Quantity           Material         FC           Fuel & Lubricant         Ir         378         0           Others         L.S.         1         0           Sub Total         Labor         manday         0           Middle Class Crew         manday         1           Low Class Crew         manday         2           Sub Total         Equipment         1           Tug boat 450PS         dayunit         1           Sub Total         1         1	Tug boat 450PS per day	Tug boat 450PS per day	Tug boat 450PS per day	Tug boat 450PS per day   LC: US\$	Tug boat 450PS per day	Tug boat 450PS per day	Work Item

Fuel & Lubricant: 450PS x 0.2 x 4 x 1.05

# APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2E0101 Pontoen 500t per day

UNIT FC: YEN LC: US\$

•		•		and the second second							220.07	
US\$=¥	* .				LC: US\$				·	ay	Pontoon 500t per d	
Total	er day	Cost pe			Cost	Unit (			Quantity	Unit	Work Item	0
in -	ount	Amo	ment	Equip	oor	Lab	erial	Mat	1 [			
YEN_	LC	FC	LC	FC	LC	FC_	LC	FC		J	<b> </b>	
											Material	1
0	0	0	1			ı	0	0	0	ir	Fuel & Lubricant	
0	o	٥					. 0	0	1	L.S.	Others	
0	o	0									Sub Total	
	į d				- 1	ĺ			1 1	1		
										1	Labor	2
0	o o	0		·	· o	45000			o	manday	High Class Crew	
o o	. 0	0			0	12000			0	manday	Middle Class Crew	
66 7	66	0			33	0	' ·	ļ	2	manday	Low Class Crew	
66 7	66	0			1				1		Sub Total	-
	i		·		į			*	1			1
				:	£	. [			1 1		Equipment	3
0 14	0	14,400	o	14,400	- 1	l			1	dayunit	ł .	
0 14	, 0	14,400				į			1			
	į					· ·						Ì
66 22.	66	14,400							1		Total	1
		14,400	0		33	0			1	manday dayunit		3

UNIT FC: YEN

Backhoe 1.2m3 per day LC: US\$ US\$=¥120 Work Item Unit Cost Cost per day Total Quantity No. Unit Amount Material Labor Equipment ាំភា FC LC FC LC YEN FC LC LC FC 1 Material Fuel & Lubricant 0.33 21305 538 178 Others L.S. 240 Sub Total 180 21,545 2 Labor High Class Operator manday Middle Class Operator 33 33 3,960 manday Low Class Operator manday Sub Total 33 3,960 3 Equipment Backhoe 1.2m3 dayunit 15,240 15,240 15,240 15,240 Sub Total 15,240 40,745 15,240 Total 213

Fuel & Lubricant: 224PS x 0.2 x 8 x 1.05

UNIT FC: YEN

LC: US\$ US\$=¥120 Working boat 100PS per day Cost per day Total Unit Cost No Work Item Unit Quantity Equipment Material Labor Amount in LC FC LC YEN FC LC FÇ LC FC 1 Material 0.33 55 6653 168 Fuel & Lubricant 600 L.S. Others 60 7.253 Sub Total 2 Labor 45000 High Class Crew manday Middle Class Crew 12000 manday 66 33 7,920 Low Class Crew manday 66 7,920 Sub Total

Fuel & Lubricant: 100PS x 0.2 x 8 x 1.05

dayunit

3 Equipment

Sub Total

Total

Tug boat 450PS

3,480

3,480

3,480

3.480

126

3,480

3,480

18,653

UNIT

FC: YEN

Tug boat 450PS per day

US\$=¥120

	Tug boat 450PS per	cay					TO: 02\$					O22=#150		
No	Work Item	Unit	Quantity	·	Unit Cost Cost per day									
i	}	}	1	Mate	erial	Labor		Equipment		Amount		in		
				FC	LC .	FC	LC	FC	LC	FC	LC	YEN		
1	Material													
	Fuel & Lubricant	]Ir	378	. 0	0.33					. 0	125	14,969		
	Others	L.S.	1	o	. 5			ł		0	5	600		
	Sub Total		1	ı						0	130	15,569		
	<b>}</b>	1	1 1					ł	}	ł	. }			
2	Labor	1	]					Į						
	High Class Crew	manday	l ol			45000	. 0	ŀ	}	o	اه	0		
	Middle Class Crew	manday	1			ď	100			0	100	12,000		
	Low Class Crew	manday	2			σ	33	ł		o	66	7,920		
	Sub Total			i · i			į			o	166	19,920		
		}	1	!		•				1	1			
3	Equipment	1	<b>i</b>								Į			
	Tug boat 450PS	dayunit	ł . 1	1				19,320	0	19,320	ol	19,320		
	Sub Total									19,320	ol	19,320		
		1	ļ			!		1		12,524	-]	/ -		
	Total	1								19,320	296	54,809		
	1 500					·		<b>!</b>		.5,520	250	U-7,0U3		

Fuel & Lubricant: 450PS x 0.2 x 4 x 1.05

UNIT FC: YEN

22,320

14,400

Pontoon 500t per day LC: US\$ US\$=¥120 Work Item Unit Cost Cost per day Quantity Total No Unit Labor Equipment Amount Material in FC FC LC LC FC LC FC LC YEN Material Fuel & Lubricant L.S. Others Sub Total 2 Labor 45000 High Class Crew manday 12000 Middle Class Crew manday 7,920 Low Class Crew manday 66 Sub Total 7,920 3 Equipment 14,400 14,400 Pontoon 500t 14,400 dayunit 14,400 Sub Total 14,400

Total

UNIT

Backhoe 1.2m3 per day

FC: YEN

	Backhoe 1.2m3 per o	iay					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost pe	er day	Total
			1	Mat	terial	La	bor	Equip	ment	Amo	unt	in
		<u> </u>		FC	LC	FC	LC	FC	LC	FC	LC_	YEN
1	Material											
	Fuel & Lubricant	lir -	538	. 0	0.33		1	ĺ		. 0	178	21,305
	Others	L.S.	1	0	2			<u>'</u>		0 .	. 2	240
	Sub Total									o	180	21.545
				•								
2	Labor										į.	Ì
* *	High Class Operator	manday -	0			0	) : o	<u> </u>		0	. 0	0
	Middle Class Operator	manday	1			0	33			0	33	3,960
	Low Class Operator	manday	0			0	0	5		0	0	ol
	Sub Total	1	1 1				1			0	33	3,960
·	the state of	1	1		]						. [	
3	Equipment										<u> </u>	Ì
	Backhoe 1.2m3	dayunit	1 1				}	15,240	0	15,240	. 0	15,240
-	Sub Total									15,240	0	15,240
											1	
	Total					1				15,240	213	40,745
			1		[						. [	

Fuel & Lubricant: 224PS x 0.2 x 8 x 1.05

UNIT FC: YEN LC: US\$

Working boat 100PS per day

US\$=¥120 Cost per day Total Unit Cost Unit Quantity No Work Item Labor Equipment Amount in Material LC FC LC FC LC FC LC YEN FC 1 Material 6653 0.33 Fuel & Lubricant 168 600 Others LS. 60 7,253 Sub Total 2 Labor 45000 High Class Crew manday 12000 Middle Class Crew manday 66 7,920 Low Class Crew manday 7,920 Sub Total 3 Equipment 3,480 3,480 3,480 Tug boat 450PS dayunit 3,480 3,480 Sub Total 3.480 126 18,653 Total

Fuel & Lubricant: 100PS x 0.2 x 8 x 1.05

2E0102-4 2E0202-4

UNIT FC: YEN

LC: US\$ US\$=¥120 Crawler crane 50ton per day Basic Price Unit Cost Work Item Unit Quantity Total No Labor Equipment Amount Material in LC FC LC FÇ LC LÇ FC YEN FC 1 Material 10,652 Fuel & Lubricant 269.0 0.33 89 L.S. Others Sub Total 89 10,652 2 Labor 3,960 Operator 33 33 man.day man.day Others 3,960 33 Sub Total 3 Equipment 22,320 Crawler crane 50t day 22320 22,320 22,320 Sub Total 22,320 22,320 122 36,932

Fuel & Lubricant: 160ps x 0.2 x 8 x 1.05

UNIT FC: YEN

Trailer 28ton per day

LC: US\$

US\$=¥120 Work Item Basic Price Unit Cost Unit Quantity Total No Labor Equipment Material Amount in FC FC LC FC LC FC LC LC YEN 1 Material Fuel & Lubricant 0.330 5,861 148 Others L.S. 49 5,861 Sub Total 2 Labor 3,960 Operator man.day man.day Others 33 3,960 Sub Total 3 Equipment Generator 45KVA day 8760 8,760 8,760 8,760 8,760 Sub Total 8,760 18,581 Total

Fuel & Lubricant: 320ps x 0.11 x 4.0 x 1.05

TINU FC: YEN.

۸.	Truck crane 25ton per	day					LC: US\$			·		US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost	Total				
		1		Ma	iterial	Ĺ	Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material								1			
	Fuel & Lubricant	lr .	210	0	0.33				ł	· 0	69	8,316
1	Others	L.S.	1	. 0	0	,				0	0	o
	Sub Total	1	1					•		0	69	8,316
1						-					·	
2	Labor						]		į			Į.
	Operator	man.day	1		1 11	- 0	33	}	1	0	. 33	3,960
	Others	man.day	1			0	0		1	0	0	0
	Sub Total	<u> </u>					]			- 0	33	3,960
1		} .	} }			•		} ·	1.			
3	Equipment	1	1									
	Concrete pump 45m3	day	1				ļ · ;	12960	. o	12,960	0	12,960
}	Sub Total		]			,				12,960	. 0	12,960
					·				1			
	Total									12,960	102	25,236

Fuel & Lubricant: 140PS x 0.2 x5 x 1.05 274PS x 0.11 x 2 x 1.05

UNIT FC: YEN

LC: US\$ US\$=¥120 Tug boat 250PS per day Total Basic Price Unit Cost Unit Quantity No Work Item Equipment in Labor Amount Material FC YEN LC FC ĹC LC FC LC FC 1 Material 0.33 17 2,079 52.5 Fuel & Lubricant Others L.S. 17 2,079 Sub Total 2 Labor 100 12,000 100 Middle class crew man.day 3,960 33 33 man.day Low class crew 15,960 133 Sub Total 3 Equipment 11,760 11760 11,760 Truck crane 16t day 11,760 11,760 Sub Total 29,799 11,760 150

Fuel & Lubricant: 230ps x 0.2 x 1.0 x 1.05 100ps x 0.2 x 2.0 x 1.05

Total

APPENDIX-3. EQUIPMENT COST

LA UNION PORT DEVELOPMENT PROJECT

UNIT FC: YEN

	Pontoon 500ton per da	у					LC: US\$	·				US\$=¥120
No	Work Item	Unit	Quantity			Bas	sic Price			Unit	Cost	Total
1				N.	laterial	L	abor	Equip	ment	Am	ount	in
		<u> </u>		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
1	Fuel & Lubricant	lr .	. 0		0 0.33					0	. 8	0
	Others	LS	1		0 1					0	0	0
	Sub Total	}								0	·. 0	0
2	Labor											
	Low class crew	man.day	2			0	33			0	66	7,920
	Others	man.day	1			0	0			0	0	0
	Sub Total				•					0	- 66	7,920
1					•				<u> </u>	·		
3	Equipment		1 1		1			·	1	}		
1	Truck crane 16t	day	1					14400	0	14,400	0	14,400
	Sub Total									14,400	0	14,400
	  Total	}						٠.		14,400	66	22,320

UNIT

FC: YEN

Truck crane 16t per day

US\$=¥120

	druck crane 16t per di	ay					LU. 000					US\$=#120
No	Work Item	Unit	Quantity		·	Bas	sic Price			Unit	Cost	Total
			[	Ma	terial		abor	Equip	ment	Amo	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr	90.3	0	0.33					0	30	3,576
	Others	L.S.	1	0	0			1		. 0	0	0
	Sub Total									0	30	3,576
2	Labor											
	Operator	man.day	1			0	33			. 0	33	3,960
	Others	man.day	1 1			. 0	0			0	0	О
	Sub Total									0	33	3,960
٠,		İ	i	]				•				
- 3	Equipment		!									
	Truck crane 16t	day	1		·			9480	0	9.480	. 0	9,480
	Sub Total	1								9,480	0	9,480
		1		}				ļ			]	
	Total	1	l <u>.</u>	1						9,480	63	17,016

Fuel & Lubricant: 230ps x 0.2 x 1.0 x 1.05 100ps x 0.2 x 2.0 x 1.05

UNIT FC: YEN

LC: US\$ Generator 125KVA per day US\$=¥120 Basic Price Unit Cost No Work Item Unit Quantity Total Material Labor Equipment Amount in LC FC LC YEN FC FC LC FC LC 1 Material Fuel & Lubricant 133.00 5,267 0.33 720 L.S. Others Sub Total 50 5,987 2 Labor Operator 33 3,960 man.day Others man.day 33 3,960 Sub Total 3 Equipment Generator 45KVA day 2280 2,280 2,280 2,280 Sub Total 2,280 2,280 83 12,227 Total

Fuel & Lubricant: 158ps x 0.2 x 4.0 x 1.05

UNIT FC: YEN

Concrete pump 45m3 per day

US\$=¥120 LC: US\$ Total Unit Cost Basic Price Work Item Unit Quantity No in Equipment Amount Labor Material LC YEN FC LC FC FC LC FC LC 1 Material 0.33 Fuel & Lubricant LS. Others Sub Total 2 Labor 3,960 33 33, Operator man.day man.day Others 3,960 33 Sub Total 3 Equipment 9,120 9,120 9120 Concrete pump 45m3 day 9,120 9,120 Sub Total 13,080 9,120 Total

Fuel & Lubricant:

UNIT FC: YEN

	ECOEOI		and the second									
	Tug boat 450PS per	day					LC: US\$		1.			US\$=¥120
No	Work Item	Unit	Quantity			Unit (	Cost			Cost p	er day	Total
				Material		Labor		Equipment		Amount		in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material		Ĭ ·									
	Fuel & Lubricant	lir '	378	0	0.33			]		0	125	14969
	Others	L.S.	1	. 0	. 5					0	5	600
	Sub Total		;							. 0	130	15,569
					•							
2	Labor		1		,			ş ا				
1	High Class Crew	manday	0			45000	0		·	. 0	0	0
	Middle Class Crew	manday	[ i			- 0	100			0	100	12,000
	Low Class Crew	manday	2			. 0	33			0	66	7.920
	Sub Total		·							, 0	166	19,920
	As the second second							1				
3	Equipment					·						
	Tug boat 450PS	dayunit	- 1					19,320	o	19,320	0	19,320
	Sub Total		l· :	·						19,320	0	19,320
	Total	1	]						-	19,320	296	54,809

Fuel & Lubricant: 450PS x 0,2 x 4 x 1.05

UNIT FC: YEN

US\$=¥120 LC: US\$ Pontoon 500t per day Cost per day Total Unit Cost No Work Item Unit Quantity Labor in Equipment Amount Material FC FC YEN LC FC LC LC FC LC Material Fuel & Lubricant L.S. Others Sub Total 2 Labor High Class Crew 45000 manday 12000 Middle Class Crew manday 66 7,920 Low Class Crew manday 66 7,920 Sub Total 3 Equipment Pontoon 500t 14,400 14,400 14,400 dayunit 14,400 14,400 Sub Total 14,400 66 22,320 Total

UNIT FC: YEN

LC: US\$ US\$=¥120 Backhoe 1.2m3 per day Work Item Unit Cost Cost per day Total No Unit Quantity Labor Amount Material Equipment in FC LC FC LC FC LC FC LC YEN 1 Material Fuel & Lubricant 0.33 178 21305 538 240 Others L.S. 21,545 Sub Total 180 2 Labor High Class Operator manday Middle Class Operator 33 3,960 manday 33 Low Class Operator manday 33 3,960 Sub Total 3 Equipment Backhoe 1,2m3 15,240 15,240 15,240 dayunit 15,240 15,240 Sub Total 40,745 Total 15,240 213

Fuel & Lubricant: 224PS x 0.2 x 8 x 1.05

UNIT FC: YEN

	Working boat 100PS	per da	<b>√</b> '				LC: US\$_			<u> </u>		US\$=¥120
No		Unit	Quantity			Un	it Cost			Cost p	Total	
			1	Mater	Material		Labor Equip		ment	Ame	ount	in in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Materia!							İ				
	Fuel & Lubricant	lr	168	0	0.33			}		0	55	6653
	Others	L.S.	1	0	5				1	0	5	600
	Sub Total									0	60	7,253
2	Labor									-		
	High Class Crew	manday			1	45000		]	!	. 0	0	0
	Middle Class Crew	manday				12000				0	0	0
	Low Class Crew	manday	2			. 0	33		[	0	.66	7,920
	Sub Total			j						. 0	66	7,920
3	   Equipment											
	Tug boat 450PS	dayunit			- 1			3,480	0	3,480	0	3,480
	Sub Total	Gaysiii			ĺ					3,480	0	3,480
٠,					ļ	-	·			3,480	126	18,653
	Total						·			5,700	,20	

Fuel & Lubricant: 100PS x 0.2 x 8 x 1.05

UNIT FC: YEN LC: US\$

Truck crane 16t per day

US\$=¥120

	Truck crane lot per da	ıy					TO: 023			·	<u> </u>	US\$=¥120
No	Work Item	Unit	Quantity			Bas	Unit	Cost	Total			
.1				Ma	Material		Labor Equi		ment	Am	ount	in
			<u> </u>	FC	LC	FC	LC	FC	_ LC _	FC	LC	YEN
. 1	Material											
	Fuel & Lubricant	lir	90.3	0	0.33					0	- 30	3,576
	Others	L.S.	1 1	' o	o		1	}	i	. 0	0	a
	Sub Total	,	'	1		1				0	30	3,576
					·	,						
. 2	Labor		]									
	Operator	man.day	1	İ		0	33			0	33	3,960
	Others	man.day	1. 1			0	0	1	}	0	0	0
-	Sub Total		'					1		. 0	33	3,960
			1 1	·			·				ļ	
. 3	Equipment							1				,
		day	1					9480		9,480	. 0	9,480
	Sub Total	'						Į.		9,480		ŧ.
	Total	1	}	]			1			9,480	63	17.016

Fuel & Lubricant: 230ps x 0.2 x 1.0 x 1.05 100ps x 0.2 x 2.0 x 1.05

UNIT.

FC: YEN

250203				-		I O, I EIV		1.5		•	
Generator 125KVA per	day					LC: US\$				·	US\$=¥12
<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>		Quantity			Bas	ic Price		·	Unit Cost		Total
			Ma	terial	L	abor	Equip	ment	Amo	unt	in
·			FC	LC	FC	LC	FC	LC	FC	LC	YEN
Material						\$					
Fuel & Lubricant	]ir	133.00	0	0.33					0	44	5,26
	L.S.	1	0	6					0	6	. 72
Sub Total									0	50	5,98
Labor		l		ļ	_					20	
Operator	man.day	1		. [	0	33			U	33	3,9
Others	man.day	1 }			0	0			0	0	
Sub Total		] [							0	33	3,9
F											
1	1						2280	_ ر	2 280		2,2
1	day	'					2200	ľ			2.2
Sub Total		1 . [							2,280	· ·	
									2 280	83	12.2
	Generator 125KVA per  Work Item  Material Fuel & Lubricant Others Sub Total Labor Operator Others	Material Fuel & Lubricant Chers Sub Total Labor Operator Others Sub Total Equipment Equipment Generator 45KVA Sub Total	Work Item Unit Quantity  Material Fuel & Lubricant Ir 133.00 Others L.S. 1 Sub Total Labor Operator Operator Others man.day Sub Total Equipment Generator 45KVA day 1 Sub Total	Work Item	Work Item	Work Item	Work Item	Work Item	Work Item	Work Item	Work Item   Unit   Quantity   Basic Price   Unit Cost   Amount

Fuel & Lubricant: 158ps x 0.2 x 4.0 x 1.05

UNIT

FC: YEN

	Concrete pump 45m3 p	er day					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Bas	sic Price			Unit	Cost	Total
		1	1 [	Ma	terial	L	abor	Equip	ment	Amo	ount	in
Ĺ				FC	LC	FC	LC LC	FC	LC	FC	LC	YEN
1	Material	[					}					
l	Fuel & Lubricant	lr .		0	0.33			Į	· ·	. 0	. 0	. 0
	Others	L.S.	1	0	0	1	1	Ì .	1	0	0	. 0
	Sub Total						[		[	0	0	0
2	! Labor	}					ļ ··		} :		٠.	
	Operator	man.day	1			. 0	33		1	0	33	3,960
1	Others	man.day	1			. 0	0			. 0	0	- 0
[	Sub Total	ĺ	1						[	0	33	3,960
		1						. "	ļ	ļ		
] 3	Equipment		] ]							)		
	Concrete pump 45m3	day	1			*		9120	0	9,120	0	9,120
	Sub Total	1								9,120	0	9,120
		1						i				÷
	Total	-	]. [				1	,		9,120	33	13,080

Fuel & Lubricant:

UNIT FC: YEN

	ZFUI						10, 1214					
	Bulldozer 21t per da	y					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity	· · · · · · · · · · · · · · · · · · ·		Unit	Cost			Cost p	er day	Total
		•		Mate	erial	La	bor	Equip	ment	Ame	ount	in
		1		FC	LC	FC	LC	FC	LC	FC	LC	YEN
. 1	Material	T .										
	Fuel & Lubricant	lr ·	434	0	0.33				1000	. 0	143	17186
	Others	L.S.	1	0	0					0	. 0	0
	Sub Total		] [					<u> </u> -		0	143	17,186
2	Labor	1						25 2				
	Operator	manday	1	j		. 0	33			. 0	33	3,960
	Others	manday	ol			0	0			0	. 0	0
	Sub Total		i l							0	33	3,960
				·								
3	Equipment											
	Tug boat 450PS	dayunit	1					12,360	0	12,360		12,360
	Sub Total	1								12,360	0	12,360
			]									, .
	Total									12,360	176	33,506
	1		1				j			* *		

Fuel & Lubricant: 207PS x 0.2 x 10 x 1.05

UNIT FC: YEN

Backhoe 1.5m3 per day LC: US\$ US\$=¥120 Work Item Unit Cost Cost per day Total No Unit Quantity Labor in Material Amount Equipment LC FC LC FC LC FC LC FC YEN 1 Material Fuel & Lubricant 636 210 25186 0.33 LS. 240 Others 25,426 Sub Total 212 2 Labor Operator manday 33 33 3,960 Others manday 33 3,960 Sub Total 3 Equipment Backhoe 1.2m3 15,240 15,240 15,240 dayunit 15,240 0 15,240 Sub Total Total 245 44,626 15,240

Fuel & Lubricant: 303PS x 0.2 x 10 x 1.05

UNIT FC: YEN

Dump truck 10t per day

LC: US\$

US\$=¥120

No	Work Item	Unit	Quantity			Unit	Cost			Cost pe	r day	Total
		] .	[	Mat	erial	La	bor	Equip	ment	Amo	unt	· in
			<u> </u>	FC	LC_	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr .	386	0	0.33		}			٥	127	1528 <del>6</del>
	Others	LS.	1	. 0	2				·	0	2	240
	Sub Total	1								0	129	15,526
		ļ ·	1					<u> </u>				
2	Labor							]				
		ł ·	1					1	-	<u>.</u>		
	Operator	manday	1			0	33	1			33	3,960
•	Others	manday	0			C	0	l i		. 0	. 0	0
•	Sub Total							Ì	A	o	33	3,960
. 3	Equipment				[						ļ	
	Dump truck 10t	dayunit	1					6,720	. 0	6,720	0	6,720
	Sub Total									6,720	. 0	6,720
	Total	} '	]					]		6,720	162	26,206
	1		[		."							

Fuel & Lubricant: 335PS x 0.11 x 10 x 1.05

UNIT FC: YEN

LC: US\$

	Steel roller 10-12t p	er day					LC: US\$				· .	US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
.	n 1	1	[·	Mat	erial	Lal	oor	Equip	ment	Amo	ount	in
	_			FC_	LC	FC	LC	FC	LC	FC	LC	US\$
- 1	Material											
	Fuel & Lubricant	lr i	113	. 0	0.33				1	0	37	37
	Others	L,S.	1	0	3			].		. 0	. 3	. 3
	Sub Total								ł	0	40	40
			J ·						j			
- 2	Labor		1			* *						
!	Operator	manday	1			0	33	Ĭ .		0	33	33
	Others	L.S.	1 1	\$		0	. 0			0	. 0	
	Sub Total	1	] [			Ĩ				n	33	33
3	Equipment								<u> </u>	·		
	Steel roller 10-12t	dayunit	1					3,120	ا م	3,120	n	3,120
	Sub Total	100,01110	[					,,,_	Ĭ	3,120	0	3,120
			1				•			0,120		٥,
	Total	] .	]			<i>y</i> :				3.120	73	3,193
	local	1.			•					3,120	, 0	3,130

Fuel & Lubricant: 90PS x 0.2 x 6 x 1.05

UNIT FC: YEN LC: US\$

Tire roller 10t per day

US\$=¥120

	Tire roller lut per da	ау					LO. USA					- <del>000</del> <del>- + 120</del>
No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
				Mat	eria <del>l</del>	Lak	or	Equip	ment	Amo	unt	in
			1	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material									]		
	Fuel & Lubricant	lr	121	0	0.33					0	40	4792
	Others	L.S.	į t	0	0		, 1			0	0	0
	Sub Total	1	1			•				o	40	4,792
				·								
2	Labor	1 .	1			·						
	Operator	manday	1			0	. 33			o	33	3,960
	Others	L.S.	1			. 0	0			0	0	. 0
	Sub Total									0	33	3,960
	• •		]									
- 3	Equipment						٠.					
	Tire roller 10t	dayunit	1					3,360	0	3,360	0	3,360
	Sub Total		1							3,360	0	3,360
		]							j			
	Total									3,360	73	12,112
		•							·			

Fuel & Lubricant: 96PS x 0.2 x 6 x 1.05

UNIT FC: YEN

Bulldozer 21t per day

LC: US\$

US\$=¥120 No Work Item Unit Quantity Unit Cost Cost per day Total Labor Amount Material in Equipment LC FC LC LC LC FC FC YEN 1 Material Fuel & Lubricant 13781 348 0.33 115 Others LS. 600 Sub Total 120 14,381 2 Labor 3,960 Operator manday Others L.S. Sub Total 3,960 3 Equipment 12,360 12,360 Bulldozer 21t 12,360 dayunit 12,360 12,360 Sub Total Total 12,360 153 30,701

Fuel & Lubricant: 207PS x 0.2 x 8 x 1.05

UNIT FC: YEN

	Vibration roller 10t p	er day					LC: US\$					US\$=¥120
Vo ·	Work Item	Unit	Quantity			Unit	Cost			Cost pe	er day	Total
		Ì	1	Mater	rial	La	bor	Equip	ment	Amo	unt	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material				-							
1	Fuel & Lubricant	lr .	166	0	0.33					0	55	657
ļ	Others	L.S.	1 1	0	0						0	1
	Sub Total		1 1.				4			0	55	6.57
- 1					1						Ì	
2	Labor			4.					<b>(</b> [			
ŀ	Operator	manday	] 1]	)	}	0	- 33		·	0	33	3,96
ŀ	Others	L.S.	1			0	이			0	. 0	I
	Sub Total		1	j		•			1.	0	33	3,96
			1									
- 1	Equipment				Į			2.000	,	امعما		0.00
- 1	Vibration roller 10t	dayunit	] 1		-			6,360	l	6,360	0	6,36
-	Sub Total		1			4				6,360	0	6,36
	Total									6,360	88	16,89

Fuel & Lubricant: 132PS x 0.2 x 6 x 1.05

2G01-4 2G02-4

UNIT FC: YEN

Motor Grader 2.8m per day

LC: US\$

US\$=¥120

	Motor Grager 2.8m pe	r day					FO: 029				· · · · · · · · · · · · · · · · · · ·	029-#120
No	Work Item	Unit	Quantity								er day	Total
		1		Mat	erial	La	por	Equip	ment	Amo	unt	in
	17.			· FC_	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr ·	160	0	0.33			·		0	53	6336
	Others	L.S.	1	0	2					0	2	240
	Sub Total		ļ			·				0	55	6,576
		·	ĺ									
2	Labor											
	Operator	manday	1		]	0	33			0	33	3,960
	Others	L.S.	1		l . I	0	0			0	0	σ
	Sub Total	<u> </u>	1							0	33	3,960
		l			1		· .			1 . [		
3	Equipment	1							, i	1		
	Motor Grader 2.8m	dayunit	1					3,720	. 0	3,720	٥	3,720
,	Sub Total		[ ]		1			* .		3,720	0	3,720
1												
	Total									3,720	88	14,256
		<u></u>			L							

Fuel & Lubricant: 95PS x 0.2 x 8 x 1.05

UNIT FC: YEN LC: US\$

Distributor 2000-3000tr per day

US\$=¥120

No	Work Item	Unit	Quantity			Unit	Cost			Cost pe	er day	Total
ż			l	Mate	rial	La	bor	Equip	ment	Amoi	unt	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material					•				1		
	Fuel & Lubricant	lr	168	0	0.33		*			0	55	6653
	Others	L.S.	1	0	5					0	5	600
	Sub Total									0	60	7,253
											1	
2	Labor				1			·		_1		
	Operator	manday	1				33	1.		이	33	3,960
	Others	L.S.	1			. 0	0			0	이	. 0
	Sub Total		1	j						0	33	3,960
٠			1 1			•		<u> </u>				
3	Equipment				·					0040		0.040
	Motor Grader 2.8m	dayunit	.1]					3,240	0		0	3,240
	Sub Total		-	[						3,240	٥	3,240
	Total									3,240	93	14,453
		-1					[ ·					

Fuel & Lubricant: 100PS x 0.2 x 8 x 1.05

UNIT

FC: YEN

US <b>\$=</b> ¥120					LC: US\$			· · · · · · · · · · · · · · · · · · ·		per day	Asphalt Sprayer 200lr	
Total	er day	Cost p			Cost	Unit			Quantity	Unit	Work Item	No
in	ount	Amo	oment	Equip	oor	Lal	erial	Mat				
YEN	LC	FC	LC	FC_	LC	FC	LC	FC		<u> </u>		
											Material	1
198	2	0					0.33	o	5	lr	Fuel & Lubricant	
600	5	0					5	o	1	L.S.	Others	
798	7	0	,						]		Sub Total	
•	į							-				
			1					·			Labor	2
3,960	33		l i	!	33	0			1	manday	· .	
. 0	0	o	. !		0	٥	i				1	
3,960	33	ا ما						ļ			i i	
0,000	1	1 1						i	1 1	· .	OGO TOTAL	
		!			1			i	i I	•	F	•
400		1		400				. [			1	1
120	9	1 1	ان	120	ĺ	- 1			1 1	dayunit		
120	. 0	120							<u> </u>		Sub Total	
	į , , , , ,	1		·				•			5.7	
<b>4,8</b> 78	40	120				[ [	ſ	[	1 [		Total	ĺ
	0 33 9 0	120 120 120	0	120		0				manday L.S. dayunit	Others Sub Total Equipment	3

Fuel & Lubricant: 3PS x 0.2 x 8 x 1.05

UNIT

FC: YEN

Concrete Spreader 3~7.5m per day LC: US\$

US\$=¥120

	Concrete Spreader 3"	· 7.0(1) pci	uay				_0.000					<u> </u>
Vo.	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
				Mat	eria!	La	bor	Equip	ment	Amo	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr .	75	. 0	0.33						25	297
	Others	L.S.	1	. 0	3						3	360
	Sub Total			i .						0	28	3,330
					}			•			·	
2	Labor	1								.		
	Operator	manday	1			0	33			0	33	3,96
	Others	L.S.	1			. 0	l o	*.			. 0	
	Sub Total									0	33	3,96
3	Equipment		1									
- 1	Concrete Spreader	dayunit	1					10,560	O	10,560	0	10,560
	Sub Total						<b>!</b> .			10,560	0	10,560
		1			] :	,						
	Total									10,560	61	17,859

Fuel & Lubricant: 45PS x 0.2 x 8 x 1.05

2G01-8 2G02-8

UNIT

FC: YEN

Concrete Finisher 3~4.5m per day

LC: US\$ US\$=¥120 Work Item Unit Cost Total Cost per day No Unit Quantity Labor in Material Equipment Amount FC LC FC LC FC LC YEN FC LC 1 Material Fuel & Lubricant 1703 0.33 Others LS. 360 2,063 Sub Total 17 2 Labor 33 33 3,960 Operator manday L.S. Others 33 Sub Total 3,960 3 Equipment Concrete Finisher dayunit 9,000 9,000 9,000 9,000 Sub Total 9,000 Total 9,000 50 15,023

Fuel & Lubricant: 26PS x 0.2 x 8 x 1.05

UNIT FC: YEN

Concrete Planer 3~7.5m per day LC: US\$

US\$=¥120

No	Work Item	Unit	Quantity							Cost p	er day	Total
	1		ΙΓ	Mat	erial	L.	abor	Equip	ment	Amo	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material						T					
1	Fuel & Lubricant	ir	42	0	0.33		]			0	14	1663
	Others	L.S.	[ 1	0	3			<b>]</b>		0	3	360
	Sub Total									0	17	2,023
2	Labor											
	Operator	manday	1			(	33		1	0	33	3,960
	Others	L.S.	] 1		. 1	(	0	÷		0	. 0	
	Sub Total		1						ļ	0	33	3,960
		1				.*						
3	Equipment	1					ļ		<b>i</b> .	ŀ		
	Concrete Planer	dayunit	1					12,960	0	1 ,2,500		
	Sub Total							ĺ	<b>l</b>	12,960	0	12,960
										}		
	Total		1		*					12,960	50	18,943
	<u>l                                     </u>		<u> </u>		·		<u> </u>	L	l	<u> </u>		

Fuel & Lubricant: 25PS x 0.2 x 8 x 1.05

UNIT FC: YEN LC: US\$

	Concrete Cutter 3~7.	5m per da	ŧγ				LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
		ļ.		Mat	erial	Lal	or	Equip	ment	Amo	ount	in
<u> </u>				FC	LC .	FC	LC	FC	LC	FC	LC	YEN
1	Material	]					٠.	]				
1	Fuel & Lubricant	lr i	4	0	0.33				:	. 0	1	158
	Others	L.S.	1	0	3					0	3	360
}	Sub Total	}	ļ					1		0	4	518
j												
2	Labor			* .								
ĺ	Labour	manday	1		. 1	0	14.3	[		0	14.3	1,716
	Others	L.S.	. 1			0	0			o	o	
ļ	Sub Total	)		ļ ·	] .		·		] .	0.	14.3	1,716
Ì								[				
3	Equipment								į			
1	Concrete Cutter	dayunit	1				-	12,960	0	12,960	0	12,960
1 -	Sub Total						_			12,960	i )	į
										,	<b>,</b>	1_,
1	Total	ĺ							· · ·	12,960	19	15,194
										2,300		

Fuel & Lubricant: 4PS x 0.2 x 4 x 1.05

UNIT FC: YEN LC: US\$

Water tank lorry 3800L per day LC

US\$=¥120

No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
		j .		Mat	erial	La	bor	Eguir	oment	Amo	ount	in
ļ		İ		FC	LC	FC	L.C	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr i	4	0	0.33		[			O	1	158
İ	Others	L.S.	- 1	0	3	- '				0	3	360
	Sub Total									0	4	518
i							1	1				
2	Labor		· ]									
	Driver	manday	1			0	22.06			0	22.1	2,647
. !	Others	L.S.	1			0	0			0	. 0	. 0
	Sub Total								-	0	22.1	2,647
			ļ			,				] :		
3	Equipment								]		11	
	1	dayunit	. 1	•			<u> </u>	2,760	0	2,760	. 0	2,760
	Sub Total								1	2,760	0	2,760
		1										
1	Total									2,760	26	5,926
-												

Fuel & Lubricant: 160PS x 0.11 x 4 x 1.05

2G01-12

2G02-12

UNIT

FC: YEN

Steel roller 10-12t/day

	Steel roller 10-12t/da	у					LU: US\$					US\$=¥12
No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
			-	Ma	terial	Lat	or	Equip	ment	Amo	ount	in in
	·		<u> </u>	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material							W.				
	Fuel & Lubricant	lr	113	C	0,33					0	37	447
	Others	L.S.	. 1	0	3					0	3	36
	Sub Total										40	4,83
		÷	1 . 1		1							
- 2	Labor	44	1		1 . [					1 1		
	Operator	manday	1		1 1	. 0	33			0	33	9,5
	Others	L.S.	1			0	0			0	0	
	Sub Total	[	1 . [			·	!	,		0	33	3.9
			1									
. 3	Equipment	] .	] . ]		j . j			-			-	
	Steel roller 10-12t	dayunit	1 1			1		3,120	. 0	3,120	0	3,1
	Sub Total	İ			1					3,120	. 0	3,1
٠.	and the second		1 1		]					]		
	Total		1							3,120	73	11,9
		,										

Fuel & Lubricant: 90PS x 0.2 x 6 x 1.05

UNIT

FC: YEN

LC: US\$ US\$=¥120 Tire roller 10t /day Unit Cost Cost per day Total Work Item No Unit Quantity Labor Equipment Material Amount in FC LC FC FC LC LC FC LC YEN 1 Material 4792 Fuel & Lubricant 121 0.33 L.S. Others 4,792 Sub Total 2 Labor 33 3,960 Operator manday L.S. Others 33 3,960 Sub Total 3 Equipment 3,360 3,360 3,360 Tire roller 10t dayunit 3,360 3,360 Sub Total 3,360 73 12,112 Total

Fuel & Lubricant: 96PS x 0.2 x 6 x 1.05

UNIT

FC: YEN LC: US\$

	Bulldozer 21t /	day					LC: US\$			<u> </u>		US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
		]	] [	Mate	erial	La	bor	Equi	oment	Ame	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
- 1	Material											
	Fuel & Lubricant	lr	348	0	0.33					0	115	13781
	Others	L.S.	1	0	5		}			0	5	600
	Sub Total	1	į į		. %					. 0	120	14,381
												. [
2	Labor	]	<b>]</b> ]									
٠.	Operator	manday	: 1	-		0	33		1	. 0	33	3960
- 1	Others	L.S.	1	ļ		. 0	0			0	0	0
	Sub Total		}	1					1.	. 0	33	3,960
		i	}						}			1
. 3	Equipment	1		·	•							
	Bulldozer 21t	dayunit	1	-		,	1	12,360	0	12,360	. 0	12360
	Sub Total								1	12,360	. 0	12,360
		[				1.	[					
	Total	*							1	12,360	153	30,701
									1			

Fuel & Lubricant: 207PS x 0.2 x 8 x 1.05

UNIT FC: YEN

LC: US\$ US\$=¥120 Vibration roller 10t /day

No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	- Total
1				Mat	erial	La	bor	Equip	oment	Ame	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	ir	166	. 0	0.33			•	}	0	55	6574
	Others	L.S.	1	. 0	. 0		·		1	0	. 0	0
	Sub Total		<u> </u>						į	0	55	6,574
			<u> </u>							•		i
2	Labor		}						1			i
	Operator	manday	] 1			0	33			0	33	3960
	Others	L.S.	1			0	0			0	0	0
	Sub Total									0	33	3,960
ĺ												1
3	Equipment		[									
1	Vibration roller 10t	dayunit	] 1					6,360	0	6,360	0	6360
	Sub Total	·					•			6,360	0	6,360
		1	1					·	1			·
	Total		i i				* 4.			6,360	88	16,894

Fuel & Lubricant: 132PS x 0.2 x 6 x 1.05

UNIT

Motor Grader 2.8m /day

FC: YEN LC: US\$

US\$=¥120

Work Item	Unit	Quantity			Unit	Coot			Cost p	or dov	Total
					Oinc.	CUSL			Cost p	eruay	rotar
	1	l L	Mate	rial	Lat	oor	Equip	ment	Amo	ount	in
	<u> </u>		FC	ĻС	FC	LC	FC	LC	FC	LC	YEN
Material .											
-uel & Lubricant	1r	160	o	0.33	}				0	53	6336
Others	L.S.	1	0	2					) 0	2	240
Sub Total									0	55	6,576
	İ	1									
_abor	1	1	1							1	
Operator	manday	1	(		0	33			0	33	3960
Others	L.S.	1 1	1		o	0			0	0	0
Sub Total		l .							o	33	3,960
			1						}	Ì	
Equipment			1	-						ţ	
	dayunit	1			1		3,720	. 0	3,720	o	3720
Sub Total		1							L i	0	3,720
		1	Ì		1						· i
lotal .									3,720	88	14,256
		]				٠.	; 		,. 20		,
	Tuel & Lubricant Others Sub Total  Labor Operator Others Sub Total  Equipment Motor Grader 2.8m Sub Total	Tuel & Lubricant Ir Others L.S. Sub Total  Labor Degrator manday Others L.S. Sub Total  Equipment Motor Grader 2.8m dayunit	Tuel & Lubricant	Tuel & Lubricant	Tuel & Lubricant   Ir	Tuel & Lubricant	Tuel & Lubricant	Tuel & Lubricant	Tuel & Lubricant	Tuel & Lubricant	Tuel & Lubricant   Ir

Fuel & Lubricant: 95PS x 0.2 x 8 x 1.05

UNIT FC: YEN

LC: US\$ US\$=¥120 Distributor 2000-3000ir /day Total Unit Cost Cost per day Work Item Unit Quantity No Labor Equipment Amount in Material FC LC FC LC FC LC YEN FC LC 1 Material 55 6653 0.33 Fuel & Lubricant 168 600 L.S. Others 7,253 Sub Total 2 Labor 33 3960 Operator manday L.S. Others 3,960 Sub Total 3 Equipment 3,240 3240 3,240 Motor Grader 2.8m dayunit 3,240 3,240 Sub Total 93 14,453 3,240 Total

Fuel & Lubricant: 100PS x 0.2 x 8 x 1.05

UNIT FC: YEN

100		2000	4 1 2 4				•	7 O. TEN	*				
		Asphalt Finisher 3.0m	/day					LC: US\$			· · · · · · · · · · · · · · · · · · ·		US\$=¥120
	10	. Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
ł					- Mat	terial	Lal	oor	Equip	oment	Ame	ount	in
Ĺ					FC	LC	FC	ĽC	FC	LC	FC	LC	YEN
	1	Material											
		Fuel & Lubricant	lr ·	62	0	0.33				· .	0	20	2455
		Others	L.S.	1	0	5					0	5	600
		Sub Total	}	1		1	1		ļ	ł .	0	25	3,055
- 1	- 2	Labor	[						i ·	ŀ	.*		
1.		Operator	manday	1		1	o o	33	i .		0	33	3960
1		Others	L.S.	1			lo	. 0		•	0	0	0
$\cdot \cdot \mid \cdot \mid$		Sub Total									ه ا	33	3,960
1						1.							
1	3	Equipment			·	ļ		. "					
1		l : :	dayunit	1		1			5,280		5,280	0	5280
		Sub Total							.,		5,280	•	5,280
				1					1			•	5,200
		Total	[		l	1			ļ	1	5,280	58	12,295
1		r Ocai			•						3,200	30	. 2,230
L		l	<u>t</u>			<u></u>	1		L	<u> </u>	1		ئـــــــــــــــــــــــــــــــــــــ

Fuel & Lubricant: 37PS x 0.2 x 8 x 1.05

UNIT FC: YEN

LC: US\$ US\$=¥120 Asphalt Sprayer 200ir /day Work Item Quantity Unit Cost Cost per day Total Unit No Material Labor Equipment Amount in FC L.C FC LC FC LC YEN FC LC 1 Material Fuel & Lubricant 0.33 198 L.S. 600 Others 798 Sub Total 2 Labor 3960 Operator manday 33 33 L.S. Others Oi 33 3,960 Sub Total 3 Equipment Asphalt Sprayer 200ir 120 120 120 dayunit Sub Total 120 120 Total 120 40 4,878

Fuel & Lubricant: 3PS x 0.2 x 8 x 1.05

L.S.

manday L,S.

dayunit

Unit

Work Item

No

1 Material

Others

2 Labor Operator

> Others Sub Total

3 Equipment Dump truck 10t

Sub Total

Total

Sub Total

Fuel & Lubricant

UNIT FC: YEN

Dump truck 10t /day LC: US\$

FC

Material

LC

0.33

Quantity

309

	LC: US\$					US\$=¥120
Unit	Cost			Cost pe	er day	Total
Lal	oor	Equip	ment	Amo	unt	in .
FC	LC	FC	LC	FC	LC	YEN
	1			. 0	102	12236
					3	360
				0	105	12,596
			Ì			
			]			Í
o	. 33	•	}	. 0	33	3960
0	0			0	0	0
				0	33	3,960
				1		1
ŀ	· .		ļ	•		ļ

6,720

6,720

6,720

6720

6,720

23,276

138

6,720

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

UNIT

FC: YEN

	Steel roller 10-12t		Quantity			Linit	LC: US\$	· · · · · · · · · · · · · · · · · · ·		Cost pe	er day	US\$=¥120 Total
No	Work Item	Unit	Quantity	Mater	rial		our	Equipn	nent	Amo		in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr .	113	이	0.33				.	. 0	37	4.475
	Others	L.S.	1	0 .	3		į		-	0	3	3,480
	Sub Total	ŀ						] }		0	40	7,955
٠.		<b> </b>										
2	Labour			i i						ļ		
	Operator	manday	1 1	i		0	33	1	. ]	. 0	33	3,960
	Others	L.S.	1			. 0	0		į	0	0	
	Sub Total						;			0	. 33	3,960
		1						1				
3	Equipment	1	1						.	·		
	Steel roller 10-12t	dayunit	1	.1		•		3,120	0	3,120	O	3,120
	Sub Total	-	1		-					3,120	0	3,120
		-	. 1				Ì	1				
	Total	-						]		3,120	73	15,035
				1	•		1					

Fuel & Lubricant: 90PS x 0.2 x 6 x 1.05

UNIT FC: YEN

LC: US\$ Tire roller 10t per day US\$=¥120 Work Item Unit Cost Cost per day Total Nφ Unit. Quantity Labor Amount Material Equipment ìn FC LC FC LC FC LC FC LC YEN 1 Material 0.33 Fuel & Lubricant 4792 121 L.S. Others Sub Total 40 4.792 2 Labor 33 3,960 Operator manday 33 L.S. Others : 33 Sub Total 3,960 3 Equipment Tire roller 10t dayunit 3,360 3,360 3,360 3,360 Sub Total 3,360 73 Total 3,360 12,112

Fuel & Lubricant: 96PS x 0.2 x 6 x 1.05

UNIT FC: YEN

LC: US\$ US\$=¥120 Bulldozer 21t per day Cost per day Unit Cost Total Work Item Unit Quantity No Equipment Labor Amount in-Material ( FC LC FC LC FC FÇ LC LC YEN 1 Material 115 13781 0.33 Fuel & Lubricant | Ir 348 600 L.S. Others 14,381 120 Sub Total 2 Labor 3,960 manday Operator L.S. Others 3.960 Sub Total 3 Equipment 12,360 12,360 12,360 Bulldozer 21t dayunit 12,360 12,360 Sub Total 153 30,701 12,360 Total

Fuel & Lubricant: 207PS x 0.2 x 8 x 1.05

2G04-3 2G05-3

UNIT

FC: YEN

	Vibration roller 10t p	er day	·				LC: US\$					US\$=¥120
No-	Work Item	Unit	Quantity			Unit	Cost			Cost	er day	Total
			} [	Mat	erial	La	bor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material							-				
	Fuel & Lubricant	lr ·	166	0	0.33	,	ļ ·		· ·	0	55	6574
	Others	L.S.	1	0	0	*.	1		į	0	0	. (
	Sub Total									0	55	6,574
2	Labor		[		,	1	ĺ					
	Operator	manday	1	÷		0	33	ł		0	33	3,960
	Others	L.S.	1			/ 0	0		 	0	ol	(
	Sub Total									. 0	33	3,960
	# J *	1	1 1				į					
3	Equipment											
	Vibration roller 10t	dayunit	1					6,360	0	6,360	0	6,360
	Sub Total									6,360	0	6,360
	Total						}			6,360	88	16,894
	Į.		1				ĺ		ļ		·	

Fuel & Lubricant: 132PS x 0.2 x 6 x 1.05

UNIT FC: YEN

LC: US\$

Motor Grader 2.8m per day US\$=¥120 Work Item Unit Cost Cost per day Total Unit No Quantity Amount Material Labor Equipment in LC LC FC YEN FC LC FC FC LC 1 Material 6336 Fuel & Lubricant 160 0.33 53 L.S. 240 Others Sub Total 55 6,576 2 Labor 33 3,960 Operator manday L.S. Others Sub Total 3,960 3 Equipment 3,720 3,720 Motor Grader 2.8m 3,720 dayunit 3,720 3,720 Sub Total 14,256 3,720 Total

Fuel & Lubricant: 95PS x 0.2 x 8 x 1.05

2G04-5 2G05-5

UNIT FC: YEN LC: US\$

US\$=¥120 Total in YEN
in
VEN
1 - 1 - 1 - 1 - 1
55 6653
5 600
60 7,253
33 3,960
0 0
33 3,960
1
0 3,240
0 3,240
0,2
93 14,453
, 4,400

Fuel & Lubricant: 100PS x 0.2 x 8 x 1.05

UNIT FC: YEN LC: US\$

Asphalt Sprayer 200ir per day

US\$=¥120

	Asphalt Sprayer Zoon	hei day					Lu. Ou					OO¢+120
No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
			]	Mat	erial	La	bor	Equip	ment	Amo	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material				,							
	Fuel & Lubricant	lr	5	0	0.33			1		0	2	198
	Others	L.S.	1	0	5				}	0	- 5	600
	Sub Total									0	7	798
		ł	i i	+			į			<u> </u>		
. 2	Labor			٠.						1		
	Operator	manday	1			. 0	33			0	33	3,960
	Others	LS.	1			. 0	0	ł.		. 0	0	0
	Sub Total									0	33	3,960
							j			1		
3	Equipment											
	Asphalt Sprayer 200lr	dayunit	1				·	120	0	120	0	120
	Sub Total	1	ì		•					120	.0	120
		1	1		,							
	Total						·			120	40	4,878
						. *		] ·			1 *	

Fuel & Lubricant: 3PS x 0.2 x 8 x 1.05

Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2G06

UNIT

FC: YEN

Steel roller 10-12t per day					LC: US\$							
No	Work Item	Unit	Quantity			Unit	Cost per day Amount		Total in			
			1 [	Material		Labor				Equipment		
				FC	LC	FC	LC	FC	LC	FC	FC	YEN
1	Material		T .									
	Fuel & Lubricant	lr.	113	0	0.33	•	*			) 0	37	4475
	Others	L.S.	1	0	3			}		0	3	360
	Sub Total	į	1		•				j	0	40	4,835
			1		i							
2	Labor	1				,						
	ļ.	manday	1			0	33		·	o	33	3,960
	Others	L.S.	1			0	0	Î.		0	. 0	0
	Sub Total		1						ł	0	33	3,960
			1			:			1			
3	Equipment		1				,	1				
	į.	dayunit	1					3,120		3,120	0	3120
	Sub Total	•	1 . 1		-				ł	3,120		3,120
	}		1 1		. 1			1	1.			
	Total					,				3,120	73	11,915
	1							1	}			

Fuel & Lubricant: 90PS x 0.2 x 6 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT 2G06

UNIT FC: YEN LC: US\$

Tire roller 10t per day				LC: US\$									
No	Work Item	Unit	Quantity			Cost per day		Total					
				Material		Labor		Equipment		Amount		in	
				FC	FC LC		LC	FC	LC	FC	LC	YEN	
. 1	Material												
	Fuel & Lubricant	ir	121	0	0.33			·	1	0	` 40	4792	
	Others	L.S.	1	0	l o			1		0	0	0	
	Sub Total									0	40	4,792	
	,		]		<b>!</b>				ļ ·				
2	Labor		]		1				[			•	
	Operator	manday	1	•		0	33	1		0	33	. 0	
	Others	L.S.	1		·	0	0	· ·	1	0	0	. 0	
	Sub Total				]					0	33	0	
			1							: .			
. 3	Equipment		1					1				٠.	
	Tire roller 10t	dayunit	1					3,360	0	3,360	0	3,360	
	Sub Total		1		}					3,360			
			]				· :	}	}	}.			
	Total									3,360	73	8,152	
	TUCAI	1.	]			. 1		i -		0.000		0,.02	

Fuel & Lubricant: 96PS x 0.2 x 6 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

UNIT FC: YEN

	Bulldozer 21t per da	У					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost	Total				
			[	Material		Labor		Equipment		Am	in	
				FC	LC	- FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	ír .	348	0	0.33			<u> </u>		0	115	13781
l	Others	L.S.	1	. 0	5					0	5	. 600
1	Sub Total		•							) o	120	14,381
		[	· [									
2	Labor	· .										
	Operator	manday	1			0	33			) o	33	3,960
"	Others	L.S.	1		· ·	0	0			0	0	C
	Sub Total			•						0	33	3,960
	Table 1 No. 1	1	1		(	,						
3	Equipment	1				,						
	Bulldozer 21t	dayunit	] 1}					12,360	0	12,360	0	12,360
	Sub Total									12,360	0	12,360
			] [			,						
	Total		}		ļ., ,					12,360	153	30,701
	The second secon	1										

Fuel & Lubricant: 207PS x 0.2 x 8 x 1.05

# Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2G06

UNIT FC: YEN

16,894

6,360

LC: US\$ Vibration roller 10t per day US\$=¥120 Unit Cost Cost per day Total No Work Item Unit Quantity Equipment Amount Material Labor in LC LÇ LC FC LC YEN FC FC FC 1 Material 55 6574 Fuel & Lubricant 0.33 166 Others LS. Sub Total 55 6,574 2 Labor 33 3,960 Operator manday L.S. Others 3,960 Sub Total 3 Equipment 6,360 6,360 6,360 Vibration roller 10t dayunit 6,360 6,360 Sub Total

Fuel & Lubricant: 132PS x 0.2 x 6 x 1.05

Total

Appendix-3. Equipment Gost
LA UNION PORT DEVELOPMENT PROJECT
2G06
Motor Grader 2.8m per day

FC: YEN

	Motor Grader 2.8m pe	r day					LC: US\$	·				US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost pe	ar day	Total
				Ma	terial	La	bor	Equip	ment	Amo	unt	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr .	160		0.33					0	53	633
	Others	L.S.	1	O	2				} .		· 2	24
	Sub Total	1.		. '	, i		]				55	6,576
		<u> </u>			1				·			*
2	Labor	] ·			<b>]</b>	·	ļ	,	]	] . ]	ļ	
	Operator	manday	1			0	- 33			o	33	3,96
	Others	L.S.	1		ļ	0	) o		•	0	0	
	Sub Total	ļ ·			<b>]</b> ,			1.		0	33	3,96
			j					1				
3	Equipment											,
	Motor Grader 2.8m	dayunit	1.		1		}	3,720	0	3,720	0	3,72
	Sub Total	-								3,720	0	3,72
		-						ļ				**
	Total	ł	]		}					3,720	88	14,25
		1	]					1		]		,

Fuel & Lubricant: 95PS x 0.2 x 8 x 1.05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT

2G06

UNIT

FC: YEN

	Bulldozer 15t	er day	·				LC: US\$	· · · · · ·		·		US\$=¥12
Νo	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
		İ	l [	М	aterial	La	bor	Equip	oment	Am	ount	in
		]		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material			<u>-</u>				-				
	Fuel & Lubricant	Ir	228		0.33					0	75	902
	Others	L.S.	1		0 5				·	0	5	6
	Sub Total	i					1			0	80	9,6
		1					1			<b>}</b> .		1
2	Labor	}						<u> </u>				
	Operator	manday	1		ĺ	0	33	:	[·	0.	33	3,9
	Others	L.S.	1			0	. 0	,		0	O	* *
	Sub Total	1					•			. 0	33	3,9
						1				<b> </b>		
3	Equipment				1.				i			
		dayunit	1				1	7,440	- 0	7,440	0	7,4
	Sub Total	1	1		1.		·			7,440	. 0	7,4
		}										
	Total	1								7,440	113	21,0
	I .	ı	i . I		1			1	1	j .	1 1	and the second second

Fuel & Lubricant: 136PS x 0.2 x 8 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT 2G06

UNIT FC: YEN

LC: US\$ Truck 4t per day US\$=¥120 Unit Cost Total Cost per day Work Item Unit Quantity Amount Material Labor Equipment in FC LC FC LC FC LC FC LC YEN 1 Material 3,406 Fuel & Lubricant ||r 86 0.33 600 Others LS. 4,006 Sub Total 2 Labor 3,960 Operator manday L.S. Others 33 3,960 Sub Total 3 Equipment 2,160 2,160 Truck 4t 2,160 dayunit 2,160 0 2,160 Sub Total 10,126 2,160 Total

Fuel & Lubricant: 186PS x 0.11 x 4 x 1,05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT
2G06

UNIT FC: YEN

LC: US\$ US\$=¥120 Tampa 60-100kg per day Unit Cost Cost per day Total Unit Quantity Work Item Amount Labor Equipment in Material FC FC LC FC LC FC LC YEN LC 1 Material 198 Fuel & Lubricant Ir 0.33 1.65 L.S. Others 198 Sub Total 1.65 2 Labor 3,960 Operator manday 33 L.S. Others Sub Total 3.960 3 Equipment

Fuel & Lubricant: 5PS x 0.2 x 6 x 1.05

dayunit

Tampa

Total

Sub Total

212.40

212

212

212

35

212

212

4,370

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

2G06

UNIT

FC: YEN LC: US\$ Forklift 1.5t per day US\$=¥120

1 O. Kill C 1.OC DC	11 0103					LU: USA					004-#120
Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
			Mate	erial	La	bor	Equip	ment	Ame	ount	in
			FC	LC	FC	LC	FC	LC	FC	LC	YEN
Material											
Fuel & Lubricant	lr.	45	0	0.33					0	14.85	1,782
Others	L.S.	- 1	0	. 0					0	0	
Sub Total							,		0	14.85	1,782
								ļ	}		
Labor	:	[ ]									
Operator	manday	1			. 0	33		1	0	33	3,960
Others	LS:	. 1			0	o			. 0	0	a
Sub Total		]							0	33	3,960
	}	1			·						
Equipment		ł	ļ					Ì	1		
	dayunit	1					1,320	0	1,320	0	1,320
						,			į.		1,320
								ĺ	[		
Total				· '					1.320	48	7.062
	ļ	]					ľ				
	Work Item  Material Fuel & Lubricant Others Sub Total  Labor Operator Others Sub Total  Equipment	Material Fuel & Lubricant Others Sub Total  Labor Operator Others Sub Total  Equipment Forklift 1.5t Sub Total	Work Item Unit Quantity  Material Fuel & Lubricant   Ir	Work Item         Unit         Quantity           Material         FC           Fuel & Lubricant         Ir         45         0           Others         L.S.         1         0           Sub Total         Labor         0         0           Operator         manday         1         0           Others         L.S.         1           Sub Total         Equipment         1           Forklift 1.5t         dayunit         1           Sub Total         1         1	Work Item         Unit         Quantity           Material         FC         LC           Fuel & Lubricant         Ir         45         0         0.33           Others         L.S.         1         0         0           Sub Total         L.S.         1         0         0           Labor         Operator         manday         1         0         0           Others         L.S.         1         1         0         0           Sub Total         Equipment         1         0         0         0         0         0         0           Sub Total         1         0	Work Item	Work Item	Work Item	Work Item	Work Item         Unit         Quantity         Unit Cost         Cost proper content           Material         FC         LC         FC         LC         FC         LC         FC         FC         Material         LC         FC	Work Item         Unit         Quantity         Unit Cost         Cost per day           Material         Labor         Equipment         Amount           FC         LC         FC         LC         FC         LC           Material         FC         LC         FC         LC         FC         LC           Material         Ir         45         0         0.33         0         14.85           Others         L.S.         1         0         0         0         0         0           Sub Total         I.S.         1         0

Fuel & Lubricant: 36PS x 0.2 x 6 x 1.05

UNIT FC: YEN LC: US\$

	Steel roller 10-12t p	er day			LC: US\$ Unit Cost						·	US\$=¥120
No	Work Item	Unit	Quantity			Unit C	ost			Cost	er day	Total
		1	1 . [	Mate	rial	Lal	por	Equip	ment	Am	ount	in
		·		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr _	113	o	0.33					0	37	4475
	Others	L.S.	1	o	3		*			0	. 3	360
	Sub Total	1				•		,		0	40	4,835
	1	Í		1			•					
2	Labor		1. 1		[							•
	Operator	manday	1]	i	1	0	33		] .	0	33	3,960
	Others	L.S.	1		1	0	0			0	0	. (
	Sub Total								ļ ·	. 0	33	3,960
		}	1 . 1			·			,			
3	Equipment		1	1	l		-					
	Steel roller 10-12t	dayunit	1	!				3,120	0	3,120	0	3,120
	Sub Total		1 1	:						3,120	0	3,120
٠.	25	1										
	Total	}		}						3,120	73	11,915
	<b>i</b>	1	1	. [								

Fuel & Lubricant: 90PS x 0.2 x 6 x 1.05

UNIT FC: YEN LC: US\$

	Tire roller 10t per de	зу					LC: US\$		·			US\$=¥120
No	Work Item	Unit	Quantity			Unit (	ost			Cost p	er day	Total
	8 4	·		Mat	erial	Lal	oor	Equip	ment	Amo	ount	in
	<u> </u>		L	FC_	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material		}							1		
. •	Fuel & Lubricant	k	121	0	0.33					. 0	40	4792
	Others	L.S.	1	0	0		·			. 0	0	. (
	Sub Total	]	-							o	40	4.79
		ſ			1 1				·			
2	Labor		ļ.	· ·								
	Operator	manday	1			0	33			0	33	3,960
· .	Others	L.S.	1		·	. 0	0		:	O	C	
	Sub Total									0	33	3,960
				. :	·							
3	Equipment			·							-	
	Tire roller 10t	dayunit	1					3,360	. 0	3,360		3,360
	Sub Total		1		* .					3,360	0	3,360
		]	].						]	,,,,,,		
	Total									3,360	73	12,112
	, 000.		Į į		-					0,000		

Fuel & Lubricant: 96PS x 0.2 x 6 x 1.05

UNIT FC: YEN LC: US\$

	200701	_									4	
	Bulldozer 21t	oer day					LC: US\$					US\$=¥126
Νo	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
		1		Mate	rial	La	bor	Equip	ment	Amo	ount	in
			Ι Γ	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	ir	348	0	0.33		1			· o <sub>i</sub>	115	1378
	Others	L.S.	1	0	5		•	4		0	5	600
	Sub Total					٠				- 0	120	14,38
2	Labor								٠			
	Operator	manday	1	ĺ		0	33			0	33	3,960
	Others	L.S.	1			0	0			0	0	
	Sub Total									0	33	3,96
3	Equipment				•							
	Bulldozer 21t	dayunit	1	1			[	12,360	0	12,360	0	12,360
	Sub Total									12,360	l t	12,360
	Total									12,360	153	30,70

Fuel & Lubricant: 207PS x 0.2 x 8 x 1.05

UNIT FC: YEN

<u> </u>	Vibration roller 10t p	er day		·			LC: US\$	· · ·		<u> </u>		US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
		[	[	Mate	erial	Lal	oor	Equip	ment	Amo	unt	in
			l tale	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
7	Fuel & Lubricant	lr	166	0	0.33				l .		55	6574
	Others	L.S.	1	0	. 0			Ì			0	. 0
	Sub Total		}					1	{	0	55	6,574
						j			ļ			
2	Labor				1			1			į	
	Operator	manday	1			0	33	į .		o	33	3,960
•	Others	L.S.	1			0	0			o	0	. 0
	Sub Total	}						1	)	0	33	3,960
								ļ	ļ			ļ
3	Equipment	1										
	Vibration roller 10t	dayunit	1		' l			6,360	ď	6,360	0	6,360
	Sub Total								j	6,360	o	6,360
200								[				
	Total	[	[		ĺ					6,360	88	16,894
			ļ ·	·						1		,

Fuel & Lubricant: 132PS x 0.2 x 6 x 1.05

# APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT COST 2G0701 Motor Grader 2.8m. per day

UNIT

FC: YEN

	Motor Grader 2.8m	per dav					LC: US\$	. *		4" L		US\$=¥120
No	Work Item	Unit	Quantity			Unit (	Cost			Cost	er day	Total
	,		[	Mat	erial	Lal	bor	Equip	ment	Am	ount	in
		·		FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material .									1		
	Fuel & Lubricant	lr .	160	0	0.33					0	53	
	Others	L.S.	1	0	2					0	2	. 240
	Sub Total			·						0	55	6,576
	· ·	1	"	*					<u> </u>	<b>,</b>		
2	Labor											
1	Operator	manday	1			0	33			0	33	3,960
1	Others	L.S.	1			. 0	. 0	'		0	0	0
	Sub Total		•							,0	33	3,960
1		Ì										
3	Equipment					•	<u> </u>					
1	Motor Grader 2.8m	dayunit	1					3,720	0	3,720	. 0	3,720
	Sub Total	1	1	ŀ						3,720	0	3,720
		1						İ	<b>\</b>			
• •	Total				·					3,720	88	14,256
											<u> </u>	

Fuel & Lubricant: 95PS x 0.2 x 8 x 1.05

UNIT FC: YEN

	Steel roller 10-12t pe	r day	,	•			LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
				Mat	erial	Lal	oor	Equip	ment		ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
	Material Fuel & Lubricant Others Sub Total	lr L.S.	113	0	0.33 3					0 0	37 3 40	4475 360 4,835
	Others Sub Total	manday L.S.	1			0	33 0			0 0	33 0 33	3960 0 3,960
3	Steel roller 10-12t Sub Total Total	dayunit	1					3,120	0	3,120 3,120 3,120	0	3120 3,120 11,915

Fuel & Lubricant: 90PS x 0.2 x 6 x 1.05

UNIT FC: YEN LC: US\$

Tire roller 10t per day

US\$=¥12	<u>U</u>
Total	Į

		Quantity	Unit Cost						Cost per da	ıy	Total
					Labor		Equipment		Amount		in
,		<u> </u>		LC		LC	FC	LC	FC	LC	YEN
Material											
Fuel & Lubricant	lr .	121	0	0.33	}			l	0	l i	4792
Others	L.S.	1	. 0	] 0				ļ	0	. 0	0
Sub Total					ļ	l			0	40	4,792
				i							
Labor	. ·			ł		ĺ		ļ	İ	j	
ì	manday	.   1		į .	. 0	33			- 0	33	3960
[ ·		1			0	0		1.	0	0	0
i	1			1	Ì	<u> </u>		}	0	. 33	3,960
		Ĭ		]	Į.	ļ			<u> </u>		
Equipment				1	1	ļ					
1	devareit	1. 1		1	l		3,360		0 3,360	0	3360
1	dayanic	1.				1				) i	3,360
Sub Total		1	1	1							
							ŀ		3 360	73	12,112
1 otal						1			0,000		
	Work Item  Material Fuel & Lubricant Others	Material Fuel & Lubricant Others Sub Total  Labor Operator Operator Others Sub Total  Equipment Tire roller 10t Sub Total	Work Item Unit Quantity  Material Fuel & Lubricant   Ir   121 Others   L.S.   1  Labor Operator   manday   1 Others   L.S.   1  Equipment Tire roller 10t   dayunit   1  Sub Total	Work Item         Unit         Quantity         Unit Cost Material           Fuel & Lubricant         Ir         121         0           Others         L.S.         1         0           Sub Total         manday         1         1           Chers         L.S.         1         1           Sub Total         L.S.         1         1           Equipment         Tire roller 10t         dayunit         1         1           Sub Total         1         1         1         1	Work Item         Unit         Quantity         Unit Cost           Material         FC         LC           Material         FC         LC           Fuel & Lubricant         Ir         121         0         0.33           Others         L.S.         1         0         0           Sub Total         L.S.         1         0         0           Chers         L.S.         1         1         1           Sub Total         Equipment         1         1         1           Tire roller 10t         dayunit         1         1         1           Sub Total         1         1         1         1         1	Work Item         Unit         Quantity         Unit Cost           Material         Labor           FC         LC         FC           Material         Ir         121         0         0.33           Others         L.S.         1         0         0           Sub Total         L.S.         1         0         0           Labor         Others         L.S.         1         0         0           Sub Total         Equipment         1         0         0         0           Total         Total         1         0	Work   Item	Work Item	Work Item	Work Item	Work Item

Fuel & Lubricant: 96PS x 0.2 x 6 x 1.05

UNIT

Bulldozer 21t per day

FC: YEN

No	Buildozer 21t p Work Item	Unit	Quantity		·	Unit	Cost			Cost r	er day	US\$=¥120 Total
	Prom recini	0		Mat	erial		bor	Equip	ment		ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
. 1	Material											
	Fuel & Lubricant	lr	348	. 0	0.33				1.	[ o	115	13781
	Others	L.S.	1	0	. 5					0	5	600
i.	Sub Total						<u> </u>		,	0	120	14,38
		•			'					ł ·		
2	Labor			· .							·	
	Operator	manday	1			0	33	l		0	33	396
	Others	LS.	1		·	σ	0	}		. 0	. 0	(
	Sub Total								1. 1	ļ o	33	3,96
		]							·	•		
3	Equipment	ļ					ļ		·			
	Bulldozer 21t	dayunit	1			. *	ł	12,360	· 0	12,360	0	12369
	Sub Total	ļ	i i							12,360	0	12,36
		]	]					]		j		
	Total									12,360	153	30,701
								1				·

Fuel & Lubricant: 207PS x 0.2 x 8 x 1.05

UNIT FC: YEN

	Vibration roller 10t pe	r day	_				LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost	er day	Total
		-		Mate	erial	Lal	bor	Equip	ment	Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr	166	0	0.33					0	55	6574
	Others	L.S.	1	0	. 0					0	0	0
•	Sub Total					*				0	55	6,574
			1		′			٠.				
2	Labor		1		}					}	Ì	
	Operator	manday	1		.	0	33			0	33	3960
	Others	L.S.	1			0	0			0	0	. 0
	Sub Total		1					]		. 0	33	3,960
						• '		1				
3	Equipment											
		dayunit	]	. ]	J		٠	6,360	) <u> </u>	6,360	0	6360
	Sub Total				*	·	4.4			6,360	0	6,360
			1 .								1	
	Total					+				6,360	88	16,894
		1	1			-				Į.		

Fuel & Lubricant: 132PS x 0.2 x 6 x 1.05

UNIT FC: YEN

LC: US\$ Motor Grader 2.8m per day US\$=¥120 Unit Cost Work Item Total No Unit Quantity Cost per day Material in Labor Equipment Amount YEN FC LC FC LC FC LC FC LC 1 Material 53 Fuel & Lubricant 160 0.33 6336 LS. 240 Others 55 Sub Total 6,576 2 Labor 33 3960 Operator manday L.S. Others 33 Sub Total 3,960 3 Equipment Motor Grader 2.8m 3,720 3,720 3720 dayunit Sub Total 3,720 3,720 3,720 14,256 Total 88

Fuel & Lubricant: 95PS x 0.2 x 8 x 1.05

UNIT FC: YEN

LC: US\$ US\$=¥120 Truck Mixer 4.5m3 per day

No	Work Item	Unit	Quantity			Unit	Cost			Cost p	er day	Total
				Mater	ial	La	bor	Equip	ment	Ame	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	US\$
1	Material						}					
	Fuel & Lubricant	ir	201	0 .	0.33			•		0	66	7960
	Others	L.S.	1	0	5					0	5	600
	Sub Total					•				0	71	8,560
2	Labor	:										
	Operator	manday	1	1		0	33		<u> </u>	. 0	33	3960
	Others	L.S.	1	1	i	. 0	이			0	0	0
	Sub Total		1 1	İ				,		0	33	3,960
- 3	Equipment											·
	Truck Mixer 4.5m3	dayunit	1	1		•	{	5,280	C	0,200		5280
	Sub Total								y.	5,280	. 0	5,280
	Total									5,280	104	17,800

Fuel & Lubricant: 290PS x 0.11 x 6 x 1.05

UNIT

2G0702 FC: YEN
Generator 45KVA per day LC: US\$

US\$=¥120

	Generator 43KVA	per da	У				LU: USA					US4=#120
No	Work Item	Unit	Quantity			Unit	Cost			Cost	er day	Total
				Mat	erial	La	bor	Equip	ment	Am	ount	in
<u> </u>		<u> </u>		FC	LC	FC	LC	FC	LC.	FC	LC	YEN
	Material	F									·	
1	Fuel & Lubricant	lr	96	. 0	0.33					0	32	3802
	Others	LS.	1	0	o					0	0	0
İ	Sub Total							11.		0	32	3,802
'											·	. [
	2 Labor		i i		{				.*	1		l
1	Operator	manday	1			0	33			0	33	3960
1	Others	L.S.	1			0	0			j. o	. 0	0
	Sub Total			•						0	33	3,960
				•						1		·.
.  ;	3 Equipment											
	Generator 45KVA	dayunit	1		[			1,080	0	1,080	0	1080
	Sub Total			•						1,080	0	1,080
	1											
	Total				] [					1,080	65	8,842
			<u> </u>		<u> </u>		<u> </u>			<u> </u>		

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

# APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT COST 2G0703,2G0704,2G0705,2G0706 and 2G0707

UNIT FC: YEN

Truck crane 16	t per o	dav				LC: US\$	· ·				US\$=¥120
No Work Item		Quantity			Unit	Cost			Cost p	er day	Total
			Mate	rial	La	bor	Equip	oment	Amo	ount	in
			FC	LC	FC	LC	FC	LC.	F	LC	YEN
1 Material											
Fuel & Lubricant	lr .	232	0	0.33					0	77	918
Others	L.S.	1	0	5					0	5	60
Sub Total									0	82	9,78
				-	• .						.*
2 Labor	.,				0	33			0	33	3,96
1 '	manday		İ		. 0			ŀ	0	۵	
i .	L.S.	'	-	1	Ū	. "			0	1	3,96
Sub Total			Į.	ĺ		,			Ü	33	J.50
3 Equipment		]	ļ								
Truck crane 16t	davunit	1	ľ				9,480	0	9,480	0	9,48
Sub Total			İ						9,480	0	9.48
Total									9,480	115	23,22
Total				·			·		3,400	,,,,	20,

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

> 2G0703-1 2G0704-1 2G0705-1 2G0706-1 2G0707-1

# APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT COST 2G0703,2G0704,2G0705,2G0706 and 2G0707

UNIT FC: YEN

LC: US\$

	Generator 45KV	A per	day	·			LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost	er day	Total
			] [	Mate	rial	Lat	or	Equip	ment	Am	ount	in
			[	FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	ir	96	0	0.33			ļ	<b>.</b>	0	32	3802
	Others	L.S.	1	0	5			1		0	5	600
·	Sub Total		] ]	ļ	ļ		-			0	37	4,402
2	Labor											· ·
	Operator	manday	3			0	33			0	33	3,960
	Others	L.S.	1	[	-	0	. 0			0	0	. 0
	Sub Total					į				0	33	3,960
3	Equipment							[				
	Generator 45KVA	dayunit	1					1,080	0	1,080	0	1,080
	Sub Total			1	1			1		1,080	ď	1,080
	Total						·			1,080	70	9,442

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

2G0703-2

2G0704-2

2G0705-2

2G0706-2

2G0707-2

# APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT COST 2G0703,2G0704,2G0705,2G0706 and 2G0707

UNIT

	Truck 8t per o	lay					LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			Unit	Cost			Cost	er day	Total
1				Material		Labor		Equipment		Amount		ìn
		· .		FC	LC	FC	LC	FC ·	LC	FC	LC	YEN
1	Material		1									
	Fuel & Lubricant	lr	116	0	0.33					. 0	38	4594
1	Others	L.S.	1	0	5				•	. 0	5	600
	Sub Total			•			•			0	43	5,194
			1	1	1	. [		[ '	ĺ			
. 2	Labor				ì							
	Operator	manday	1		:	0	33		!	0	33	3,960
	Others	L.S.	1	{	ŀ	이	. 0			. 0	0	. 0
	Sub Total								:	0	33	3,960
		j	1	1				ļ	<u> </u>			
3	Equipment			İ								
	Truck 4t	dayunit	1	į	.			3,480	0	3,480	0	3,480
	Sub Total	1								3,480	0	3,480
										,		
'	Total									3,480	76	12,634
ļ			1		1	i		i				

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

2G0703-3 2G0704-3

2G0705-3

2G0706-3

2G0707-3

#### APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2G09, 2G10 and 2G11

FC: YEN

Tampa 60-100kg per day LC: US\$

US\$=¥120

	Talliba or tooks het da						<u> </u>					
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	C	YEN
. 1	Material		]									
	Fuel & Lubricant	lr.	5.00	· 0	0.33					. 0	2	198
	Others	L.S.	1	0	0.00			-		0	0	0
	Sub Total								}	9	2	198
			]					. •				
. 2	Labor						1 1					į.
	Labour	man.day	1			0	14,30		}	0	14	1,716
	5	L.S.	1			. 0	0.00			0	. 0	0
	Sub Total									0	14.30	1,716
٠.			]		,	•	1		]		·	į
3	Equipment								j .·			
	Tampa	day	1					212,4	0	212,40		212
	Sub Total		.	,	1					212.40	0	212
	44									·		
	Total				1					212	15.95	2,126
									<u> </u>			

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

2G09, 2G10 and 2G11

FC: YEN

Generator 45KVA per day LC: US\$ US\$=¥120 Basic Price Unit Cost Work Item Unit Quantity Total Material Labor Equipment Amount in FC FC LC YEN FC FÇ LC LC LC 1 Material 24 2,851 Fuel & Lubricant 72.00 0.33 0.00 L.S. Others 24 2.851 Sub Total 2 Labor 33 Operator man.day 33,00 3,960 L.S. 0,00 Others 33 Sub Total 3.960 3 Equipment 1080 1,080 1,080 Generator 45KVA 1,080 1,080 Sub Total 57 7,891 1,080 Total

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

2G09-2

2G10-2

2G11-2

# APPENDIX-3. EQUIPMENT COST LA UNION PORT DEVELOPMENT PROJECT 2G09, 2G10 and 2G11 Truck with crane 8t per day

FC: YEN I C. HC¢

Truck with crane 8t per	day _					LC: US\$					US\$=¥120
Work Item	Unit	Quantity			В	asic Price			Unit	Cost	Totai
		[	Mate	erial	Ĺ,	abor	Equip	ment	Am	ount	in
	1	[	FC	LC	FC	LC	FC	LC	FC	LC	YEN
Material											
Fuel & Lubricant	lr.	186.00	0	0.33		·			. 0	61	7,366
Others	L.S.	1	0	0.00				1.	٥	٥	
Sub Total			ŀ				*		o	.61	7,366
Labor		] ]									
Operator	man.day				0	33,00			. 0	33	3,960
Others	L.S.	1	•		0	0.00			0	0	
Sub Total				. 1						33	3,960
Equipment					•					· .	
Truck with crane 8t	day	1 1	Į		•	2	5520	0	5,520	0	5,520
Sub Total			ļ		•				5,520	. 0	5,520
Total		[							5,520	94	16,846
	Work Item  Material Fuel & Lubricant Others Sub Total  Labor Operator Others Sub Total  Equipment Truck with crane 8t	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 day Sub Total	Work Item Unit Quantity  Material Fuel & Lubricant Ir. 186.00 Others L.S. 1 Sub Total  Labor Operator man.day 1 Others L.S. 1  Equipment Truck with crane 8t day 1 Sub Total	Work Item         Unit         Quantity           Material         FC           Material         Ir. 186.00         0           Others         L.S. 1         0           Sub Total         Labor         0           Operator         man.day 1         1           Others         L.S. 1         1           Sub Total         Equipment         1           Truck with crane 8t         day 1           Sub Total         1	Work Item	Work Item	Work   Item	Work Item	Work Item	Work Item         Unit         Quantity         Basic Price         Unit         Material         Labor         Equipment         Am           Foll & Lubricant         Ir.         186.00         0         0.33         0	Work Item

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

<sup>2</sup>G10-1 2G11-1

FC: YEN

	Truck 4t per day						LC: US\$					US\$=¥120
No	Work Item	Unit	Quantity			E	Basic Price			Unit	Cost	Total
				Mate	rial	1	Labor	Equip	ment	_ Am	ount	in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	43,00	0	0.33					. 0	14	1,700
	Others	L.S.	1	0	0.00					0	0	. (
	Sub Total							٠		0	14	1,703
2	Labor											
	Operator	man.day	1			(	33.00			o	33	3,960
	Others	L.S.	1		***	. (	0.00			0	0	C
	Sub Total			1						0	33	3,960
3	  Equipment	:										
	Truck 4t	day	1					2160	. 0	2,160	0	2,160
	Sub Total									2,160	0	2,160
	Total									2,160	47	7,823

Fuel & Lubricant: 186ps x 0.11 x 2 x 1.05

FC

	Line marker per day						LC: US\$			·		US\$=¥120
No	Work Item	Unit	Quantity			Ва	asic Price			Unit	Cost	Total
				Mate	erial	Ļ	abor	Equip	ment	Am	ount	in
			1	FC	LC	FC	ĹC	FC	LC	FC	LC	YEN
. 1	Material											
	Fuel & Lubricant	lr.	8.40	0	1,04			·		o O	9	1,048
	Others	L.S.		0	0.00		. 4			0	0	0
	Sub Total									0	9	1,048
			1	. [								
2	Labor											
	Operator	man.day	. 1			0	33.00			0	33	3,960
	Others	L.S.	1			΄ . σ	0.00	·		0	0	0
	Sub Total				}					0	33	3,960
		1										
3	Equipment											•
	Line marker	day				+		489.6	o	490	0	490
• .	Sub Total						,			490	· 0	490
		1	]	ļ	. ]							•
	Total			į						490	42	5,498
			] [									

# Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2H01, 2H02, 2H03, 2H04 and 2H05 Concrete Mixer 0.6m3 per day

FC: YEN

	Concrete Mixer 0.6m3 pe	er day					LC: US\$					US\$=¥1 <b>2</b> 0
No	Work Item	Unit	Quantity			Ba	isic Price			Unit	Cost	Total
		l		Mat	erial	L	abor	Equip	ment	Am	ount	in
		<u> </u>		FC	LC	FC	L.C	FC	LC	FC	LC	YEN
1	Material	}										
	Fuel & Lubricant	lr.	0.00	. 0	0.33					0	0	٥
	Others	L.S.	] 1	. 0	0.00				ŀ	0	0	0
	Sub Total					·				0	0	Ō
2	Labor										. •	
	Operator	man.day	1			0	33.00		ļ	0	33	3,960
	Others	L.S.	1			О	0.00			. 0	· o	0
	Sub Total							•	Į	0	33	3,960
						-					ļ	
3	Equipment	1	1									
	Concrete Mixer 0.6m3, 7.5kw	day	[ . 1[					6480	0	6,480	. 0	6,480
	Sub Total					٠				6,480	0	6,480
												,
	Total									6,480	33	10,440
		1	1 1						1			

2H01-8

2H02-8

2H03-8

2H04-8

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

FC: YEN

Plate Compactor 60-100kg per day LC: US\$

US\$≕¥120 Total

	Trace compactor of Tool	IB PUI					20.000					
No	Work Item	Unit	Quantity			В	asic Price			Ur	it Cost	Total
			1	Mate	erial	L	_abor	Equip	ment	A	mount	in
			l [	FC	LC	FC	LC	FC	LC	FC	LC _	YEN
1	Material	1										
	Fuel & Lubricant	lr.	5.00	. 0	0.33	* - *				0	2	198
	Others	L.S.	1	0	2.00			•		0	2	240
	Sub Total			ļ	ļ					0	4	438
		1	1 . 1				1 1			[	{	
2	Labor		ĺ	1								
- 1	Operator	man,day	1			0	33.00			o	33	3,960
	Others	L.S.	1		j	0	0.00			j . 0	0	0
	Sub Total			-						0	33	3,960
3	Equipment	·										٠.
	Plate Compactor	day	1			•	<b>!</b>	212.4		212.40	0	212
	Sub Total		[	ſ	[					212.40	1	212
	,				1			-			<b> </b>	
	Total								}	212	37	249
		<u> </u>						·	}	<u> </u>		

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

2H01-7

2H02-7

2H03-7

2H04-7

# Appendix-3. Equipment Cost LA UNION PORT DEVELOPMENT PROJECT 2H01, 2H02, 2H03, 2H04 and 2H05 Tire roller 8-20th, page day.

FC: YEN

	21101, 21102, 21100, 2110		•	10,121								
	Tire roller 8-20t per		LC: US\$								US\$=¥120	
No	<del></del>		Quantity	Basic Price Unit Cost								Total
				Material		Labor		Equipment		Amount		in
				FC	LC	FC	LC	FC	LC	FC	LC	YEN
1	Material											
	Fuel & Lubricant	lr.	161.00	0	0.33					0	53	6,37
	Others	L.S.	1	0	2.00					0	2	2
	Sub Total	ļ	.  -							0	55	6,6
2	Labor					.						
	Operator	man.day	1	ľ		0	33.00		·	0	33	3,9
	Others	L.S.	1 1			o	0.00			0	0	
	Sub Total							•		0	33	3,9
3	Equipment					}		٠.				
	Tire roller 8–20t	day	1 1					3360	0	3,360	o	3.3
	Sub Total	1								3,360	; , 0	3,3
	Total					[		•		3,360	88	13,9

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

2H01-6

2H02-6

2H03-6

2H04-6

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

Backhoe 0.8 m3 per day

FC: YEN LC: US\$

US\$≈¥120 Work Item Unit Quantity Basic Price **Unit Cost** Total Material Labor Equipment Amount in FC LC FC LC FC LC FC LÇ YEN 1 Material Fuel & Lubricant 283.00 11,207 0.33 93 Others L.S. 2.00 240 Sub Total 11,447 2 Labor Operator 33.00 3,960 man.day L.S. 0.00 Others Sub Total 3,960 3 Equipment Backhoe 0.8m3 day 11280 11,280 11,280 Sub Total 11,280 11,280 11,280 26,687 Total 128

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

2H01-5

2H02-5

2H03-5

2H04-5

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

FC: YEN

LC: US\$ Generator 45KVA per day US\$=¥120 Basic Price Unit Cost Total No Work Item Unit Quantity Labor Equipment Material Amount in FC FC LC FC FC LO LC LC YEN 1 Material Fuel & Lubricant 72,00 0.33 24 2,851 0.00 L.S. Others Sub Total 2,851 2 Labor 33.00 3,960 Operator man.day L.S. 0.00 Others Sub Total 3,960 3 Equipment 1080 Generator 45KVA day 1,080 1,080 Sub Total 1,080 1,080 Total 1,080 7.891

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

2H01-4 2H02-4 2H03-4

2H04-4