

LA UNION PORT DEVELOPMENT PROJECT

4C04405

FC: YEN

LC: US\$

Total estimate for 1 No.

Cover, corner angle and others for Manhole

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Non return valve and other	Nos	1	1,296,000	0					1296000	0	
	Cast iron cover	Nos	3	0	117.6					0	353	
	Non corrosive metal mesh	Nos	1	0	11					0	11	
	Steps	kg	35	0	0.54					0	19	
	Ventilation pipe Dia.100x2	Nos	2	0	80					0	160	
	Coner angle	kg	310	0	0.36					0	112	
	Wasted corner angle(2%)	kg	6.2	0	0.36					0	2	
	Miscellaneous	L. S.	1	0	2.28					0	2	
	Fuel Truck 8t	day	1.2	0	80					0	96	
	Generator 45KVA	day	2.3	0	24					0	55	
	Sub Total									1296000	809	
2	Labour											
	Foreman	man. day	2.3			0	38.20			0	88	
	Labor	man. day	20			0	14.30			0	286	
	Welder	man. day	5			0	23.09			0	115	
	Truck 8t	man. day	1.2			0	33			0	40	
	Generator 45KVA	man. day	2.3			0	33			0	76	
	Sub Total									0	605	
3	Equipment											
	Truck 8t	day	1.2					3,480	0	4,176	0	
	Generator 45KVA	day	2.3					1,080	0	2,484	0	
	Welder 300A	day	2.3					120	0	276	0	
	Other equipment	L. S.	1					139	0	139	0	
	Sub Total									7,075	0	
Total										1,303,075	1,414	
Unit Price per No.										1,303,074.72	1,414.13	
INDIRECT COST										15%	195,461.21	212.12
TOTAL										1,498,536	1,626.25	

LA UNION PORT DEVELOPMENT PROJECT

4C04406

FC: YEN

Concrete Placing

LC: US\$

Total estimate for 1 No.

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Ready mixed concrete	m3	214.00	0	70.00					0	14,980	
	Wasted concrete(5%)	m3	4.68	0	70.00					0	328	
	Formwork	m2	832	0	5.50					0	4,576	
	Fuel Truck crane 16t	day	4	0	77					0	306	
	Concrete mixer 0.6m	day	4	0	0					0	0	
	Generator 45KVA	day	4.0	0	24					0	95	
	Sub Total									0	20,285	
2	Labour											
	Foreman	man. day	4			0	38.20			0	153	
	Labor	man. day	60.0			0	14.30			0	858	
	Truck crane 16t	man. day	4			0	33			0	132	
	Concrete mixer 0.6m3	man. day	4			0	33			0	132	
	Generator 45KVA	man. day	4			0	33			0	132	
	Sub Total									0	1,407	
3	Equipment											
	Truck crane 16t	day	4					9,480	0	37,920	0	
	Concrete mixer 0.6m3	day	4					6,480	0	25,920	0	
	Generator 45KVA	day	4					1,080	0	4,320	0	
	Vibrator	day	8					120	0	960	0	
	Sub Total									69,120	0	
Total										69,120	21,692	
Unit Price per No.										69,120.00	21,691.68	
INDIRECT COST										15%	10,368.00	3,253.75
TOTAL										79,488	24,945.43	

LA UNION PORT DEVELOPMENT PROJECT

4C04407

FC: YEN

LC: US\$

Total estimate for 1 No.

Backfill sand & Compaction

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Backfill sand	m3	1954	0	0.00					0	0	
	Wasted Backfill sand (25%)	m3	0	0	0.00					0	0	
	Fuel Backhoe 1.5m3	day	4	0	170					0	680	
	" Tire roller 8-20t	day	4.0	0	55					0	221	
	" Tampa 60kg	day	4.0	0	2					0	7	
	Sub Total									0	907	
2	Labour											
	Foreman	man. day	4			0	38.20			0	153	
	Labor	man. day	16			0	14.30			0	229	
	Backhoe 1.5m3	man. day	4			0	33			0	132	
	Tire roller 8-20t	man. day	4			0	33			0	132	
	Sub Total									0	646	
3	Equipment											
	Backhoe 1.5m3	day	4					19,440	0	77,760	0	
	Tire roller 8-20t	day	4					3,360	0	13,440	0	
	Tampa 60kg	day	4					212	0	850	0	
	Sub Total									92,050	0	
Total										92,050	1,553	
Unit Price per No.										92,049.60	1,552.60	
INDIRECT COST										15%	13,807.44	232.89
TOTAL										105,857	1,785.49	

APPENDIX-3. EQUIPMENT COST
 LA UNION PORT DEVELOPMENT PROJECT
 4C044

FC: YEN

LC: US\$

Truck crane 16t per day

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	232.00	0	0.33					0	77
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	77
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck with crane 8t	day	1					9480	0	9,480	0
	Sub Total									9,480	0
	Total									9,480	110

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

4C044-1

APPENDIX-3. EQUIPMENT COST
 LA UNION PORT DEVELOPMENT PROJECT
 4C044
 Truck 8t per day

FC: YEN
 LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	233.00	0	0.33					0	77
	Others	L. S.	1	0	3.00					0	3
	Sub Total									0	80
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 8t	day	1					3480	0	3,480	0
	Sub Total									3,480	0
	Total									3,480	113

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

APPENDIX-3. EQUIPMENT COST
 LA UNION PORT DEVELOPMENT PROJECT

4C044

FC: YEN

Dump truck 10t /day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labour		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	309.00	0	0.33					0	102
	Others	L. S.	1	0	3.00					0	3
	Sub Total									0	105
2	Labour										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Dump truck 10t	day	1					6720	0	6,720	0
	Sub Total									6,720	0
	Total									6,720	138

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

APPENDIX-3. EQUIPMENT COST
 LA UNION PORT DEVELOPMENT PROJECT
 4C044
 Generator 45KVA per day

FC: YEN
 LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labour		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	72.00	0	0.33					0	24
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	24
2	Labour										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Generator 45KVA	day	1					1080	0	1,080	0
	Sub Total									1,080	0
	Total									1,080	57

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

APPENDIX-3. EQUIPMENT COST
 LA UNION PORT DEVELOPMENT PROJECT

4C044

FC: YEN

Backhoe 1.5 m3 per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labour		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	509.00	0	0.33					0	168
	Others	L.S.	1	0	2.00					0	2
	Sub Total									0	170
2	Labour										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Backhoe 1.5m3	day	1					19440	0	19,440	0
	Sub Total									19,440	0
	Total									19,440	203

Fuel & Lubricant: 303ps x 0.2 x 8 x 1.05

APPENDIX-3. EQUIPMENT COST
 LA UNION PORT DEVELOPMENT PROJECT
 4C044

FC: YEN

LC: US\$

Tire roller 8-20t per day

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labour		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	161.00	0	0.33					0	53
	Others	L. S.	1	0	2.00					0	2
	Sub Total									0	55
2	Labour										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Tire roller 8-20t	day	1					3360	0	3,360	0
	Sub Total									3,360	0
	Total									3,360	88

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

APPENDIX-3. EQUIPMENT COST

LA UNION PORT DEVELOPMENT PROJECT

4C044

FC: YEN

Tampa 60-100kg per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labour		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	5.00	0	0.33					0	2
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	2
2	Labour										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Tampa	day	1					212.4	0	212.40	0
	Sub Total									212.40	0
	Total									212.40	35

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

4C044-7

APPENDIX-3. EQUIPMENT COST
 LA UNION PORT DEVELOPMENT PROJECT
 4C044

FC: YEN

LC: US\$

Concrete Mixer 0.6m3 per day

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labour		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	0	0	0.33					0	0
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	0
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Concrete Mixer 0.6m3	day	1					6480	0	6,480.00	0
	Sub Total									6,480.00	0
	Total									6,480.00	33

APPENDIX-3. EQUIPMENT COST

LA UNION PORT DEVELOPMENT PROJECT

4C044

FC: YEN

Generator 100KVA per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labour		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	157.00	0	0.33					0	52
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	52
2	Labour										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Generator 100KVA	day	1					1800	0	1,800	0
	Sub Total									1,800	0
	Total									1,800	85

Fuel & Lubricant: 125ps x 0.2 x 6 x 1.05

4C044-9

LA UNION PORT DEVELOPMENT PROJECT

4F01

FC: YEN

LC: US\$

Total estimate for 1 Span

46KV TRANSMISSION LINE

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Concrete Pole 28m	nos.	1	0	4,590.00					0	4,590	
	Above others 16.3%	L.S	0.163	0	4,590.00					0	748	
	Cable 46KV	m	195	0	16.00					0	3,120	
	Quarry run	m3	1.4	0	7.54					0	11	
	Fuel Truck 8t with crane	day	0.5	0	83					0	41	
	Truck crane 45t	day	0.5	0	108					0	54	
	Sub Total									0	8,564	
2	Labor											
	Electrician	man. day	1			0	38.20			0	38	
	Forman	man. day	1			0	31.09			0	31	
	Labor	man. day	8			0	14.30			0	114	
	Truck 4t with crane	man. day	0.5			0	33			0	17	
	Truck crane 45t	man. day	0.5			0	33			0	17	
	Sub Total									0	217	
3	Equipment											
	Truck 8t with crane	day	0.5					5,520	0	2,760	0	
	Truck crane 45t	day	0.5					22,320	0	11,160	0	
	Sub Total									13,920	0	
Total										13,920	8,781	
Unit Price per no.										13,920.00	8,780.62	
INDIRECT COST										15%	2,088.00	1,317.09
TOTAL										16,008	10,097.71	

Appendix-3. Equipment Cost
 LA UNION PORT DEVELOPMENT PROJECT

4F01

FC: YEN

Truck 8t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	250.00	0	0.33					0	83
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	83
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 8t with crane	day	1					5520	0	5,520	0
	Sub Total									5,520	0
	Total									5,520	116

Fuel & Lubricant: 269ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

4F01-1

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4F01

FC: YEN

LC: US\$

Truck crane 45t per day

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	327.00	0	0.33					0	108
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	108
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck crane 45t	day	1					22320	0	22,320	0
	Sub Total									22,320	0
	Total									22,320	141

Fuel & Lubricant: 300ps x 0.11 x 4 x 1.05

150ps x 0.2 x 6 x 1.05

LA UNION PORT DEVELOPMENT PROJECT

4F02

46KV SUBSTATION

FC: YEN

LC: US\$

Total estimate for 1 L.S

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	46KVA Circuit breaker	set	1	0	46,409					0	46,409	
	46KVA Disconnecting switch	set	1	0	10,296					0	10,296	
	46KVA 1P Potential Transformer	set	3	0	9,350					0	28,050	
	46KVA 1P Current Transformer	set	3	0	13,200					0	39,600	
	46KVA 1P Arrester	set	3	0	2,600					0	7,800	
	46/4.16KV, 3Phase 60Hz, 4000KVA, TR	set	1	0	223,729					0	223,729	
	Neutral Grounding Transformer	set	1	0	5,720					0	5,720	
	Other materials	L.S	1	0	13,500					0	13,500	
	Fuel Truck 8t with crane	day	15	0	83					0	1,238	
	Truck crane 16t	day	15	0	78					0	1,163	
	Sub Total									0	377,505	
2	Labor											
	Electrician	man. day	43			0	31.09			0	1,337	
	Labor	man. day	240			0	14.30			0	3,432	
	Truck 4t with crane	man. day	15			0	33			0	495	
	Truck crane 16t	man. day	15			0	33			0	495	
	Sub Total									0	5,759	
3	Equipment											
	Truck 8t with crane	day	15					5,520	0	82,800	0	
	Truck crane 16t	day	15					9,480	0	142,200	0	
	Sub Total									225,000	0	
Total										225,000	383,264	
Unit Price per no.										225,000.00	383,263.62	
INDIRECT COST										15%	33,750.00	57,489.54
TOTAL										258,750	440,753.16	

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4F02

FC: YEN

Truck 4t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	250.00	0	0.33					0	83
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	83
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 4t with crane	day	1					5520	0	5,520	0
	Sub Total									5,520	0
	Total									5,520	116

Fuel & Lubricant: 269ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT

4F02

FC: YEN

Truck crane 16t per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	235.00	0	0.33					0	78
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	78
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck crane 16t	day	1					9480	0	9,480	0
	Sub Total									9,480	0
	Total									9,480	111

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

4F02-2

LA UNION PORT DEVELOPMENT PROJECT

4I0104 and 4I0105

FC: YEN

CABLING 3C x 100mm²(4.16KV)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price		Unit Cost	
						Amount	
				FC	LC	FC	LC
4I010401 and 4I010501	Excavation & Disposal	M	100	103.50	1.89	10,350	189.04
4I010402 and 4I010502	Sand	M	100	66.08	7.16	6,608	716.27
4I010403 and 4I010503	Installation Cable 100mm ²	M	100	38.64	27.53	3,864	2,753.46
4I010404 and 4I010504	Backfill & Compaction	M	100	67.30	2.04	6,730	204.18
	Total					27,552	3,862.94
Unit Price per m						276	38.63

LA UNION PORT DEVELOPMENT PROJECT

4I010401 and 4I010501

FC: YEN

Excavation & Disposal for Cabling 3C x 100mm2 (4.16KV)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Excavation & Disposal	m3	130	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.5	0	95					0	48	
	" Dump truck 10t	day	0.5	0	105					0	52	
	Sub Total									0	100	
2	Labor											
	Foreman	man. day	0.5			0	38.20			0	19	
	Labor	man. day	2.0			0	14.30			0	29	
	Backhoe 0.8m3	man. day	0.5			0	33			0	17	
	Dump truck 10t	man. day	0.5			0	33			0	17	
	Sub Total									0	64	
3	Equipment											
	Backhoe 0.8m3	day	0.5					11,280	0	5,640	0	
	Dump truck 10t	day	0.5					6,720	0	3,360	0	
	Sub Total									9,000	0	
Total										9,000	164	
Unit Price per m										90.00	1.64	
INDIRECT COST										15%	13.50	0.25
TOTAL										104	1.89	

LA UNION PORT DEVELOPMENT PROJECT

4I010402 and 4I010502

FC: YEN

Sand for Foundation of Cabling 3C x 100mm²(4.16KV)

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Sand	m ³	74.50	0	5.16					0	384	
	Wasted sand (25%)	m ³	18.63	0	5.16					0	96	
	Fuel Backhoe 0.8m ³	day	0.5	0	95					0	48	
	" Plate compactor 50kg	day	0.5	0	4					0	2	
	Sub Total									0	530	
2	Labor											
	Foreman	man. day	0.5			0	38.20			0	19	
	Labor	man. day	4			0	14.30			0	57	
	Backhoe 0.8m ³	man. day	0.5			0	33			0	17	
	Sub Total									0	93	
3	Equipment											
	Backhoe 0.8m ³	day	0.5					11,280	0	5,640	0	
	Plate compactor 50kg	day	0.5					212.40	0	106.20	0	
	Sub Total									5,746.20	0	
Total										5,746.20	623	
Unit Price per m										57.46	6.23	
INDIRECT COST										15%	8.62	0.93
TOTAL										66	7.16	

LA UNION PORT DEVELOPMENT PROJECT

4I010403 and 4I010503

FC: YEN

Installation of Cabling 3C x 100mm²(4.16KV)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Cable 3C x 100m ²	m	100	0	20.00					0	2,000	
	Above others 15%	L.S	15	0	12.05					0	181	
	Concrete Pit	m ³	0.1	0	90.00					0	9	
	Fuel Truck 4t with crane	day	1	0	69					0	69	
	Sub Total									0	2,259	
2	Labor											
	Electrician	man. day	1			0	31.09			0	31	
	Labor	man. day	5			0	14.30			0	72	
	Truck 4t with crane	man. day	1			0	33			0	33	
	Sub Total									0	136	
3	Equipment											
	Truck 4t with crane	day	1					3,360	0	3,360	0	
	Sub Total									3,360	0	
Total										3,360	2,394	
Unit Price per m										33.60	23.94	
INDIRECT COST										15%	5.04	3.59
TOTAL										39	27.53	

4 LA UNION PORT DEVELOPMENT PROJECT

4I010404 and 4I010504

FC: YEN

Backfill sand & Compaction for Cabling 3C x 100mm² (4.16KV)

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Backfill material	m3	65	0	0.00					0	0	
	Wasted Backfill sand (25%)	m3	16.25	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.5	0	95					0	48	
	" Plate compactor	day	1.0	0	4					0	4	
	Sub Total									0	51	
2	Labor											
	Foreman	man. day	1			0	38.20			0	38	
	Labor	man. day	5			0	14.30			0	72	
	Backhoe 0.8m3	man. day	0.5			0	33			0	17	
	Sub Total									0	126	
3	Equipment											
	Backhoe 0.8m3	day	0.5					11,280	0	5,640	0	
	Plate compactor	day	1					212.40	0	212	0	
	Sub Total									5,852	0	
Total										5,852	178	
Unit Price per m										58.52	1.78	
INDIRECT COST										15%	8.78	0.27
TOTAL										67	2.04	

Appendix-3. Equipment Cost
 LA UNION PORT DEVELOPMENT PROJECT

4I0104 and 4I0105

FC: YEN

Truck 4t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	209.00	0	0.33					0	69
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	69
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 4t with crane	day	1					3360	0	3,360	0
	Sub Total									3,360	0
	Total									3,360	102

Fuel & Lubricant: 180ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

4I0104-1

4I0105-1

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0104 and 4I0105

FC: YEN

LC: US\$

Dump truck 10t per day

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	309.00	0	0.33					0	102
	Others	L. S.	1	0	3.00					0	3
	Sub Total									0	105
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Dump truck 10t	day	1					6720	0	6,720	0
	Sub Total									6,720	0
	Total									6,720	138

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

4I0104-2

4I0105-2

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0104 and 4I0105

FC: YEN

Backhoe 0.8 m3 per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	283.00	0	0.33					0	93
	Others	L.S.	1	0	2.00					0	2
	Sub Total									0	95
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Backhoe 0.8m3	day	1					11280	0	11,280	0
	Sub Total									11,280	0
	Total									11,280	128

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

4I0104-3

4I0105-3

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0104 and 4I0105

FC: YEN

Plate Compactor 60-100kg per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	5.00	0	0.33					0	2
	Others	L. S.	1	0	2.00					0	2
	Sub Total									0	4
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Plate Compactor	day	1					212.4	0	212.40	0
	Sub Total									212.40	0
	Total									212	37

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

4I0104-4

4I0105-4

LA UNION PORT DEVELOPMENT PROJECT

4I0116

CABLING 3C x 38mm²(480V)

FC: YEN

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price		Unit Cost	
						Amount	
				FC	LC	FC	LC
4I011601	Excavation & Disposal	M	100	6.49	0.13	649	12.87
4I011602	Sand	M	100	6.61	0.68	661	68.41
4I011603	Installation Cable 100mm ²	M	100	3.86	6.82	386	682.21
4I011604	Backfill & Compaction	M	100	6.73	0.19	673	18.77
	Total					2,369	782.26
				Unit Price per m		24	7.82

LA UNION PORT DEVELOPMENT PROJECT

4I011601

FC: YEN

Excavation & Disposal for Cabling 3C x 38mm2 (480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Excavation & Disposal	m3	130	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.05	0	95					0	5	
	Sub Total									0	5	
2	Labor											
	Foreman	man. day	0.05			0	38.20			0	2	
	Labor	man. day	0.2			0	14.30			0	3	
	Backhoe 0.8m3	man. day	0.05			0	33			0	2	
	Sub Total									0	6	
3	Equipment											
	Backhoe 0.8m3	day	0.05					11,280	0	564	0	
	Sub Total									564	0	
Total										564	11	
Unit Price per m										5.64	0.11	
INDIRECT COST										15%	0.85	0.02
TOTAL										6	0.13	

LA UNION PORT DEVELOPMENT PROJECT

4I011602

FC: YEN

Sand for Foundation of Cabling 3C x 38mm2(480V)

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Sand	m3	8.00	0	5.16					0	41	
	Wasted sand (5%)	m3	0.40	0	5.16					0	2	
	Fuel Backhoe 0.8m3	day	0.05	0	95					0	5	
	" Plate compactor 50kg	day	0.1	0	4					0	0	
	Sub Total									0	48	
2	Labor											
	Foreman	man. day	0.1			0	38.20			0	4	
	Labor	man. day	0.4			0	14.30			0	6	
	Backhoe 0.8m3	man. day	0.05			0	33			0	2	
	Sub Total									0	11	
3	Equipment											
	Backhoe 0.8m3	day	0.05					11,280	0	564	0	
	Plate compactor 50kg	day	0.05					212.40	0	10.62	0	
	Sub Total									574.62	0	
Total										574.62	59	
Unit Price per m										5.75	0.59	
INDIRECT COST										15%	0.86	0.09
TOTAL										7	0.68	

LA UNION PORT DEVELOPMENT PROJECT

4I011603

FC: YEN

Installation of Cabling 3C x 38mm²(480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Cable 3C x 38m ²	m	100	0	5.40					0	540	
	Above others5%	L. S	5	0	5.40					0	27	
	Concrete Pit	m ³	0.08	0	90.00					0	7	
	Fuel Truck 4t with crane	day	0.1	0	69					0	7	
	Sub Total									0	581	
2	Labor											
	Electrician	man. day	0.1			0	31.09			0	3	
	Labor	man. day	0.4			0	14.30			0	6	
	Truck 4t with crane	man. day	0.1			0	33			0	3	
	Sub Total									0	12	
3	Equipment											
	Truck 4t with crane	day	0.1					3,360	0	336	0	
	Sub Total									336	0	
Total										336	593	
Unit Price per m										3.36	5.93	
INDIRECT COST										15%	0.50	0.89
TOTAL										4	6.82	

4 LA UNION PORT DEVELOPMENT PROJECT

4I011604

FC: YEN

Backfill sand & Compaction for Cabling 3C x 38mm²(480V)

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Backfill material	m3	65	0	0.00					0	0	
	Wasted Backfill sand (25%)	m3	16.25	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.05	0	95					0	5	
	" Plate compactor	day	0.1	0	4					0	0	
	Sub Total									0	5	
2	Labor											
	Foreman	man. day	0.1			0	38.20			0	4	
	Labor	man. day	0.4			0	14.30			0	6	
	Backhoe 0.8m3	man. day	0.05			0	33			0	2	
	Sub Total									0	11	
3	Equipment											
	Backhoe 0.8m3	day	0.05					11,280	0	564	0	
	Plate compactor	day	0.1					212.40	0	21	0	
	Sub Total									585	0	
Total										585	16	
Unit Price per m										5.85	0.16	
INDIRECT COST										15%	0.88	0.02
TOTAL										7	0.19	

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0116

FC: YEN

Truck 4t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	209.00	0	0.33					0	69
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	69
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 4t with crane	day	1					3360	0	3,360	0
	Sub Total									3,360	0
	Total									3,360	102

Fuel & Lubricant: 180ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0117

FC: YEN

Dump truck 10t per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	309.00	0	0.33					0	102
	Others	L. S.	1	0	3.00					0	3
	Sub Total									0	105
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Dump truck 10t	day	1					6720	0	6,720	0
	Sub Total									6,720	0
	Total									6,720	138

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

4I0117-2

Appendix-3. Equipment Cost
 LA UNION PORT DEVELOPMENT PROJECT
 4I0117
 Backhoe 0.8 m3 per day

FC: YEN

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	233.00	0	0.33					0	93
	Others	L.S.	1	0	2.00					0	2
	Sub Total									0	95
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Backhoe 0.8m3	day	1					11280	0	11,280	0
	Sub Total									11,280	0
	Total									11,280	128

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

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0117

FC: YEN

Plate Compactor 60-100kg per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	5.00	0	0.33					0	2
	Others	L.S.	1	0	2.00					0	2
	Sub Total									0	4
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Plate Compactor	day	1					212.4	0	212.40	0
	Sub Total									212.40	0
	Total									212	37

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

4I0117-4

LA UNION PORT DEVELOPMENT PROJECT

4I0117

FC: YEN

CABLING 3C x 60mm²(480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price		Unit Cost	
						Amount	
				FC	LC	FC	LC
4I011701	Excavation & Disposal	M	100	6.49	0.13	649	12.87
4I011702	Sand	M	100	6.61	1.00	661	99.56
4I011703	Installation Cable 100mm ²	M	100	3.86	12.60	386	1,260.08
4I011704	Backfill & Compaction	M	100	6.73	0.19	673	18.77
	Total					2,369	1,391.29
				Unit Price per m		24	13.91

LA UNION PORT DEVELOPMENT PROJECT

4I011701

FC: YEN

Excavation & Disposal for Cabling 3C x 60mm2 (480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Excavation & Disposal	m3	130	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.05	0	95					0	5	
	Sub Total									0	5	
2	Labor											
	Foreman	man. day	0.05			0	38.20			0	2	
	Labor	man. day	0.2			0	14.30			0	3	
	Backhoe 0.8m3	man. day	0.05			0	33			0	2	
	Sub Total									0	6	
3	Equipment											
	Backhoe 0.8m3	day	0.05					11,280	0	564	0	
	Sub Total									564	0	
Total										564	11	
Unit Price per m										5.64	0.11	
INDIRECT COST										15%	0.85	0.02
TOTAL										6	0.13	

LA UNION PORT DEVELOPMENT PROJECT

4I011702

FC: YEN

Sand for Foundation of Cabling 3C x 60mm²(480V)

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Sand	m ³	13.00	0	5.16					0	67	
	Wasted sand (5%)	m ³	0.65	0	5.16					0	3	
	Fuel Backhoe 0.8m ³	day	0.05	0	95					0	5	
	" Plate compactor 50kg	day	0.1	0	4					0	0	
	Sub Total									0	75	
2	Labor											
	Foreman	man. day	0.1			0	38.20			0	4	
	Labor	man. day	0.4			0	14.30			0	6	
	Backhoe 0.8m ³	man. day	0.05			0	33			0	2	
	Sub Total									0	11	
3	Equipment											
	Backhoe 0.8m ³	day	0.05					11,280	0	564	0	
	Plate compactor 50kg	day	0.05					212.40	0	10.62	0	
	Sub Total									574.62	0	
Total										574.62	87	
Unit Price per m										5.75	0.87	
INDIRECT COST										15%	0.86	0.13
TOTAL										7	1.00	

LA UNION PORT DEVELOPMENT PROJECT

4I011703

FC: YEN

Installation of Cabling 3C x 60mm²(480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Cable 3C x 60m ²	m	100	0	9.30					0	930	
	Above others15%	L.S	15	0	9.30					0	140	
	Concrete Pit	m ³	0.08	0	90.00					0	7	
	Fuel Truck 4t with crane	day	0.1	0	69					0	7	
	Sub Total									0	1,084	
2	Labor											
	Electrician	man. day	0.1			0	31.09			0	3	
	Labor	man. day	0.4			0	14.30			0	6	
	Truck 4t with crane	man. day	0.1			0	33			0	3	
	Sub Total									0	12	
3	Equipment											
	Truck 4t with crane	day	0.1					3,360	0	336	0	
	Sub Total									336	0	
Total										336	1,096	
Unit Price per m										3.36	10.96	
INDIRECT COST										15%	0.50	1.64
TOTAL										4	12.60	

4 LA UNION PORT DEVELOPMENT PROJECT

4I011704

FC: YEN

Backfill sand & Compaction for Cabling 3C x 60mm² (480V)

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Backfill material	m3	65	0	0.00					0	0	
	Wasted Backfill sand (25%)	m3	16.25	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.05	0	95					0	5	
	" Plate compactor	day	0.1	0	4					0	0	
	Sub Total									0	5	
2	Labor											
	Foreman	man. day	0.1			0	38.20			0	4	
	Labor	man. day	0.4			0	14.30			0	6	
	Backhoe 0.8m3	man. day	0.05			0	33			0	2	
	Sub Total									0	11	
3	Equipment											
	Backhoe 0.8m3	day	0.05					11,280	0	564	0	
	Plate compactor	day	0.1					212.40	0	21	0	
	Sub Total									585	0	
Total										585	16	
Unit Price per m										5.85	0.16	
INDIRECT COST										15%	0.88	0.02
TOTAL										7	0.19	

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

410117

FC: YEN

Truck 4t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	209.00	0	0.33					0	69
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	69
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 4t with crane	day	1					3360	0	3,360	0
	Sub Total									3,360	0
	Total									3,360	102

Fuel & Lubricant: 180ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

410117-1

Appendix-3. Equipment Cost
 LA UNION PORT DEVELOPMENT PROJECT
 4I0117
 Dump truck 10t per day

FC: YEN

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	309.00	0	0.33					0	102
	Others	L.S.	1	0	3.00					0	3
	Sub Total									0	105
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Dump truck 10t	day	1					6720	0	6,720	0
	Sub Total									6,720	0
	Total									6,720	138

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

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0117

FC: YEN

Backhoe 0.8 m3 per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	283.00	0	0.33					0	93
	Others	L. S.	1	0	2.00					0	2
	Sub Total									0	95
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Backhoe 0.8m3	day	1					11280	0	11,280	0
	Sub Total									11,280	0
	Total									11,280	128

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

4I0117-3

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0117

FC: YEN

LC: US\$

Plate Compactor 60-100kg per day

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	5.00	0	0.33					0	2
	Others	L.S.	1	0	2.00					0	2
	Sub Total									0	4
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Plate Compactor	day	1					212.4	0	212.40	0
	Sub Total									212.40	0
	Total									212	37

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

LA UNION PORT DEVELOPMENT PROJECT

4I0118 and 4I0119

FC: YEN

CABLING 3C x 22mm²(480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price		Unit Cost	
						Amount	
				FC	LC	FC	LC
4I011801 and 4I011901	Excavation & Disposal	M	100	6.49	0.13	649	12.87
4I011802 and 4I011902	Sand	M	100	6.61	0.68	661	68.41
4I011803 and 4I011903	Installation Cable 100mm ²	M	100	3.86	4.80	386	479.81
4I011804 and 4I011904	Backfill & Compaction	M	100	6.73	0.19	673	18.77
	Total					2,369	579.86
Unit Price per m						24	5.80

LA UNION PORT DEVELOPMENT PROJECT

4I011801 and 4I011901

FC: YEN

Excavation & Disposal for Cabling 3C x 22mm² (480V)

LC: US\$

Total estimate for 100m

No.	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Excavation & Disposal	m3	130	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.05	0	95					0	5	
	Sub Total									0	5	
2	Labor											
	Foreman	man. day	0.05			0	38.20			0	2	
	Labor	man. day	0.2			0	14.30			0	3	
	Backhoe 0.8m3	man. day	0.05			0	33			0	2	
	Sub Total									0	6	
3	Equipment											
	Backhoe 0.8m3	day	0.05					11,280	0	564	0	
	Sub Total									564	0	
Total										564	11	
Unit Price per m										5.64	0.11	
INDIRECT COST										15%	0.85	0.02
TOTAL										6	0.13	

LA UNION PORT DEVELOPMENT PROJECT

4I011802 and 4I011902

FC: YEN

Sand for Foundation of Cabling 3C x 22mm²(480V)

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Sand	m ³	8.00	0	5.16					0	41
	Wasted sand (5%)	m ³	0.40	0	5.16					0	2
	Fuel Backhoe 0.8m ³	day	0.05	0	95					0	5
	" Plate compactor 50kg	day	0.1	0	4					0	0
	Sub Total									0	48
2	Labor										
	Foreman	man. day	0.1			0	38.20			0	4
	Labor	man. day	0.4			0	14.30			0	6
	Backhoe 0.8m ³	man. day	0.05			0	33			0	2
	Sub Total									0	11
3	Equipment										
	Backhoe 0.8m ³	day	0.05					11,280	0	564	0
	Plate compactor 50kg	day	0.05					212.40	0	10.62	0
	Sub Total									574.62	0
Total										574.62	59
Unit Price per m										5.75	0.59
INDIRECT COST										15%	0.09
TOTAL										7	0.68

LA UNION PORT DEVELOPMENT PROJECT

4I011803 and 4I011903

FC: YEN

Installation of Cabling 3C x 22mm2 (480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Cable 3C x 22m2	m	100	0	3.40					0	340	
	Above others 15%	L.S	15	0	3.40					0	51	
	Concrete Pit	m3	0.08	0	90.00					0	7	
	Fuel Truck 4t with crane	day	0.1	0	69					0	7	
	Sub Total									0	405	
2	Labor											
	Electrician	man. day	0.1			0	31.09			0	3	
	Labor	man. day	0.4			0	14.30			0	6	
	Truck 4t with crane	man. day	0.1			0	33			0	3	
	Sub Total									0	12	
3	Equipment											
	Truck 4t with crane	day	0.1					3,360	0	336	0	
	Sub Total									336	0	
Total										336	417	
Unit Price per m										3.36	4.17	
INDIRECT COST										15%	0.50	0.63
TOTAL										4	4.80	

4 LA UNION PORT DEVELOPMENT PROJECT

4I011804 and 4I011904

Backfill sand & Compaction for Cabling 3C x 22mm²(480V)

FC: YEN

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Backfill material	m3	65	0	0.00					0	0	
	Wasted Backfill sand (25%)	m3	16.25	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.05	0	95					0	5	
	" Plate compactor	day	0.1	0	4					0	0	
	Sub Total									0	5	
2	Labor											
	Foreman	man. day	0.1			0	38.20			0	4	
	Labor	man. day	0.4			0	14.30			0	6	
	Backhoe 0.8m3	man. day	0.05			0	33			0	2	
	Sub Total									0	11	
3	Equipment											
	Backhoe 0.8m3	day	0.05					11,280	0	564	0	
	Plate compactor	day	0.1					212.40	0	21	0	
	Sub Total									585	0	
Total										585	16	
Unit Price per m										5.85	0.16	
INDIRECT COST										15%	0.88	0.02
TOTAL										7	0.19	

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0118 and 4I0119

FC: YEN

Truck 4t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	209.00	0	0.33					0	69
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	69
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 4t with crane	day	1					3360	0	3,360	0
	Sub Total									3,360	0
	Total									3,360	102

Fuel & Lubricant: 180ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

4I0118-1

4I0119-1

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0118 and 4I0119

Dump truck 10t per day

FC: YEN

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	309.00	0	0.33					0	102
	Others	L. S.	1	0	3.00					0	3
	Sub Total									0	105
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Dump truck 10t	day	1					6720	0	6,720	0
	Sub Total									6,720	0
	Total									6,720	138

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

4I0118-2

4I0119-2

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0118 and 4I0119

FC: YEN

Backhoe 0.8 m3 per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	283.00	0	0.33					0	93
	Others	L.S.	1	0	2.00					0	2
	Sub Total									0	95
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Backhoe 0.8m3	day	1					11280	0	11,280	0
	Sub Total									11,280	0
	Total									11,280	128

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

4I0118-3

4I0119-3

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0118 and 4I0119

FC: YEN

Plate Compactor 60-100kg per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	5.00	0	0.33					0	2
	Others	L.S.	1	0	2.00					0	2
	Sub Total									0	4
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Plate Compactor	day	1					212.4	0	212.40	0
	Sub Total									212.40	0
	Total									212	37

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

4I0118-4

4I0119-4

LA UNION PORT DEVELOPMENT PROJECT

4I0121 and 4I0122

FC: YEN

CABLING 3C x 100mm²(480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price		Unit Cost	
				Amount		Amount	
				FC	LC	FC	LC
4I012101 and 4I012201	Excavation & Disposal	M	100	6.49	0.13	649	12.87
4I012102 and 4I012202	Sand	M	100	6.61	0.68	661	68.41
4I012103 and 4I012203	Installation Cable 100mm ²	M	100	3.86	15.93	386	1,593.41
4I012104 and 4I012204	Backfill & Compaction	M	100	6.73	0.19	673	18.77
	Total					2,369	1,693.46
				Unit Price per m		24	16.93

LA UNION PORT DEVELOPMENT PROJECT

4I012101 and 4I012201

FC: YEN

Excavation & Disposal for Cabling 3C x 100mm2 (480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Excavation & Disposal	m3	130	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.05	0	95					0	5	
	Sub Total									0	5	
2	Labor											
	Foreman	man. day	0.05			0	38.20			0	2	
	Labor	man. day	0.2			0	14.30			0	3	
	Backhoe 0.8m3	man. day	0.05			0	33			0	2	
	Sub Total									0	6	
3	Equipment											
	Backhoe 0.8m3	day	0.05					11,280	0	564	0	
	Sub Total									564	0	
Total										564	11	
Unit Price per m										5.64	0.11	
INDIRECT COST										15%	0.85	0.02
TOTAL										6	0.13	

LA UNION PORT DEVELOPMENT PROJECT

4I012102 and 4I012202

FC: YEN

Sand for Foundation of Cabling 3C x 100mm² (480V)

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Sand	m ³	8.00	0	5.16					0	41	
	Wasted sand (5%)	m ³	0.40	0	5.16					0	2	
	Fuel Backhoe 0.8m ³	day	0.05	0	95					0	5	
	" Plate compactor 50kg	day	0.1	0	4					0	0	
	Sub Total									0	48	
2	Labor											
	Foreman	man. day	0.1			0	38.20			0	4	
	Labor	man. day	0.4			0	14.30			0	6	
	Backhoe 0.8m ³	man. day	0.05			0	33			0	2	
	Sub Total									0	11	
3	Equipment											
	Backhoe 0.8m ³	day	0.05					11,280	0	564	0	
	Plate compactor 50kg	day	0.05					212.40	0	10.62	0	
	Sub Total									574.62	0	
Total										574.62	59	
Unit Price per m										5.75	0.59	
INDIRECT COST										15%	0.86	0.09
TOTAL										7	0.68	

LA UNION PORT DEVELOPMENT PROJECT

4I012103 and 4I012203

FC: YEN

Installation of Cabling 3C x 100mm²(480V)

LC: US\$

Total estimate for 100m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Cable 3C x 100m ²	m	100	0	13.00					0	1,300	
	Above others 5%	L.S	5	0	12.05					0	60	
	Concrete Pit	m ³	0.07	0	90.00					0	6	
	Fuel Truck 4t with crane	day	0.1	0	69					0	7	
	Sub Total									0	1,373	
2	Labor											
	Electrician	man. day	0.1			0	31.09			0	3	
	Labor	man. day	0.4			0	14.30			0	6	
	Truck 4t with crane	man. day	0.1			0	33			0	3	
	Sub Total									0	12	
3	Equipment											
	Truck 4t with crane	day	0.1					3,360	0	336	0	
	Sub Total									336	0	
Total										336	1,386	
Unit Price per m										3.36	13.86	
INDIRECT COST										15%	0.50	2.08
TOTAL										4	15.93	

4 LA UNION PORT DEVELOPMENT PROJECT

4I012104 and 4I012204

FC: YEN

Backfill sand & Compaction for Cabling 3C x 100mm²(480V)

LC: US\$

Total estimate for 100 m

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Backfill material	m3	65	0	0.00					0	0	
	Wasted Backfill sand (25%)	m3	16.25	0	0.00					0	0	
	Fuel Backhoe 0.8m3	day	0.05	0	95					0	5	
	" Plate compactor	day	0.1	0	4					0	0	
	Sub Total									0	5	
2	Labor											
	Foreman	man. day	0.1			0	38.20			0	4	
	Labor	man. day	0.4			0	14.30			0	6	
	Backhoe 0.8m3	man. day	0.05			0	33			0	2	
	Sub Total									0	11	
3	Equipment											
	Backhoe 0.8m3	day	0.05					11,280	0	564	0	
	Plate compactor	day	0.1					212.40	0	21	0	
	Sub Total									585	0	
Total										585	16	
Unit Price per m										5.85	0.16	
INDIRECT COST										15%	0.88	0.02
TOTAL										7	0.19	

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0121 and 4I0122

FC: YEN

Truck 4t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	209.00	0	0.33					0	69
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	69
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 4t with crane	day	1					3360	0	3,360	0
	Sub Total									3,360	0
	Total									3,360	102

Fuel & Lubricant: 180ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

4I0121-1

4I0122-1

Appendix-3. Equipment Cost
 LA UNION PORT DEVELOPMENT PROJECT
 4I0121 and 4I0122
 Dump truck 10t per day

FC: YEN

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	309.00	0	0.33					0	102
	Others	L.S.	1	0	3.00					0	3
	Sub Total									0	105
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Dump truck 10t	day	1					6720	0	6,720	0
	Sub Total									6,720	0
	Total									6,720	138

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

4I0121-2

4I0122-2

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0121 and 4I0122

FC: YEN

Backhoe 0.8 m3 per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	283.00	0	0.33					0	93
	Others	L. S.	1	0	2.00					0	2
	Sub Total									0	95
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Backhoe 0.8m3	day	1					11280	0	11,280	0
	Sub Total									11,280	0
	Total									11,280	128

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

4I0121-3

4I0122-3

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4I0121 and 4I0122

FC: YEN

Plate Compactor 60-100kg per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	5.00	0	0.33					0	2
	Others	L.S.	1	0	2.00					0	2
	Sub Total									0	4
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Plate Compactor	day	1					212.40	0	212.40	0
	Sub Total									212.40	0
	Total									212	37

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

4I0121-4

4I0122-4

LA UNION PORT DEVELOPMENT PROJECT

4J0101

Installation of Flood Light Mast 36M for 6X1000W

FC: YEN

LC: US\$

Total estimate for 1 Nos.

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Flood light mast 36m	nos.	1	0	8,500.00					0	8,500	
	Above others 11.16%	L.S	0.1116	0	8,500.00					0	949	
	Fuel Truck 8t with crane	day	1	0	83					0	83	
	" Truck crane 45t	day	1	0	108					0	108	
	Sub Total									0	9,639	
2	Labor											
	Electrician	man. day	2			0	38.20			0	76	
	Forman	man. day	2			0	31.09			0	62	
	Labor	man. day	13			0	14.30			0	186	
	Truck 4t with crane	man. day	1			0	33			0	33	
	Truck crane 45t	man. day	1			0	33			0	33	
	Sub Total									0	390	
3	Equipment											
	Truck 8t with crane	day	1					5,520	0	5,520	0	
	Truck crane 45t	day	1					22,320	0	22,320	0	
	Sub Total									27,840	0	
Total										27,840	10,029	
Unit Price per no.										27,840.00	10,029.49	
INDIRECT COST										15%	4,176.00	1,504.42
TOTAL										32,016	11,533.91	

Appendix-3. Equipment Cost
 LA UNION PORT DEVELOPMENT PROJECT
 4J0101
 Truck 8t with crane per day

FC: YEN

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	250.00	0	0.33					0	33
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	33
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 8t with crane	day	1					5520	0	5,520	0
	Sub Total									5,520	0
	Total									5,520	116

Fuel & Lubricant: 269ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4J0101

FC: YEN

Truck crane 45t per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	327.00	0	0.33					0	108
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	108
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck crane 45t	day	1					22320	0	22,320	0
	Sub Total									22,320	0
	Total									22,320	141

Fuel & Lubricant: 300ps x 0.11 x 4 x 1.05

150ps x 0.2 x 6 x 1.05

4J0101-2

LA UNION PORT DEVELOPMENT PROJECT

4J0102

FC: YEN

Installation of Flood Light Mast 24M for 6X1000W

LC: US\$

Total estimate for 1 Nos.

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Flood light mast 24m	nos.	1	0	5,800.00					0	5,800	
	Above others 11.17%	L.S	0.1117	0	5,800.00					0	648	
	Fuel Truck 8t with crane	day	1	0	83					0	83	
	Truck crane 45t	day	1	0	108					0	108	
	Sub Total									0	6,638	
2	Labor											
	Electrician	man. day	2			0	38.20			0	76	
	Forman	man. day	2			0	31.09			0	62	
	Labor	man. day	10			0	14.30			0	143	
	Truck 4t with crane	man. day	1			0	33			0	33	
	Truck crane 45t	man. day	1			0	33			0	33	
	Sub Total									0	348	
3	Equipment											
	Truck 8t with crane	day	1					5,520	0	5,520	0	
	Truck crane 45t	day	1					22,320	0	22,320	0	
	Sub Total									27,840	0	
Total										27,840	6,986	
Unit Price per no.										27,840.00	6,985.85	
INDIRECT COST										15%	4,176.00	1,047.88
TOTAL										32,016	8,033.73	

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4J0102

FC: YEN

Truck 8t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	250.00	0	0.33					0	83
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	83
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 8t with crane	day	1					5520	0	5,520	0
	Sub Total									5,520	0
	Total									5,520	116

Fuel & Lubricant: 269ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

4J0102-1

Appendix-3. Equipment Cost
 LA UNION PORT DEVELOPMENT PROJECT
 4J0102
 Truck crane 45t per day

FC: YEN

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	327.00	0	0.33					0	108
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	108
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck crane 45t	day	1					22320	0	22,320	0
	Sub Total									22,320	0
	Total									22,320	141

Fuel & Lubricant: 300ps x 0.11 x 4 x 1.05

150ps x 0.2 x 6 x 1.05

LA UNION PORT DEVELOPMENT PROJECT

4J0104

FC: YEN

Installation of Street Light Pole 12M for 2X250W

LC: US\$

Total estimate for 3 Nos.

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Street light pole 12m	nos.	3	0	1,700.00					0	5,100	
	Above others 10.65%	L.S	0.3195	0	1,700.00					0	543	
	Fuel Truck 8t with crane	day	0.5	0	83					0	41	
	Truck crane 16t	day	1	0	78					0	78	
	Sub Total									0	5,762	
2	Labor											
	Electrician	man. day	1			0	31.09			0	31	
	Labor	man. day	4			0	14.30			0	57	
	Truck 4t with crane	man. day	0.5			0	33			0	17	
	Truck crane 16t	man. day	1			0	33			0	33	
	Sub Total									0	138	
3	Equipment											
	Truck 8t with crane	day	0.5					5,520	0	2,760	0	
	Truck crane 16t	day	1					9,480	0	9,480	0	
	Sub Total									12,240	0	
Total										12,240	5,900	
Unit Price per no.										4,080.00	1,966.58	
INDIRECT COST										15%	612.00	294.99
TOTAL										4,692	2,261.57	

Appendix-3. Equipment Cost
LA UNION PORT DEVELOPMENT PROJECT

4J0104

FC: YEN

Truck 4t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	250.00	0	0.33					0	83
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	83
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 4t with crane	day	1					5520	0	5,520	0
	Sub Total									5,520	0
	Total									5,520	116

Fuel & Lubricant: 269ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

Appendix-3. Equipment Cost

LA UNION PORT DEVELOPMENT PROJECT

4J0104

FC: YEN

Truck crane 16t per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	235.00	0	0.33					0	78
	Others	L. S.	1	0	0.00					0	0
	Sub Total									0	78
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L. S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck crane 16t	day	1					9480	0	9,480	0
	Sub Total									9,480	0
	Total									9,480	111

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

4J0104-2

LA UNION PORT DEVELOPMENT PROJECT

4J0105

FC: YEN

Installation of Street Light Pole 12M for 2X250W

LC: US\$

Total estimate for 2 Nos.

No	Work Item	Unit	Quantity	Basic Price						Unit Cost		
				Material		Labor		Equipment		Amount		
				FC	LC	FC	LC	FC	LC	FC	LC	
1	Material											
	Street light pole 12m	nos.	2	0	1,700.00					0	3,400	
	Above others 3.85%	L.S	0.077	0	1,700.00					0	131	
	Fuel Truck 8t with crane	day	0.2	0	83					0	17	
	" Truck crane 16t	day	0.3	0	78					0	23	
	Sub Total									0	3,571	
2	Labor											
	Electrician	man. day	0.3			0	31.09			0	9	
	Labor	man. day	1.6			0	14.30			0	23	
	Truck 4t with crane	man. day	0.2			0	33			0	7	
	Truck crane 16t	man. day	0.3			0	33			0	10	
	Sub Total									0	49	
3	Equipment											
	Truck 8t with crane	day	0.2					5,520	0	1,104	0	
	Truck crane 16t	day	0.3					9,480	0	2,844	0	
	Sub Total									3,948	0	
Total										3,948	3,619	
Unit Price per no.										1,974.00	1,809.69	
INDIRECT COST										15%	296.10	271.45
TOTAL										2,270	2,081.14	

Appendix-3. Equipment Cost
 LA UNION PORT DEVELOPMENT PROJECT

4J0105

FC: YEN

Truck 4t with crane per day

LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	250.00	0	0.33					0	83
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	83
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck 4t with crane	day	1					5520	0	5,520	0
	Sub Total									5,520	0
	Total									5,520	116

Fuel & Lubricant: 269ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05

4J0105-1

Appendix-3. Equipment Cost
 LA UNION PORT DEVELOPMENT PROJECT
 4J0105
 Truck crane 16t per day

FC: YEN
 LC: US\$

No	Work Item	Unit	Quantity	Basic Price						Unit Cost	
				Material		Labor		Equipment		Amount	
				FC	LC	FC	LC	FC	LC	FC	LC
1	Material										
	Fuel & Lubricant	lr.	235.00	0	0.33					0	78
	Others	L.S.	1	0	0.00					0	0
	Sub Total									0	78
2	Labor										
	Operator	man. day	1			0	33.00			0	33
	Others	L.S.	1			0	0.00			0	0
	Sub Total									0	33
3	Equipment										
	Truck crane 16t	day	1					9480	0	9,480	0
	Sub Total									9,480	0
	Total									9,480	111

Fuel & Lubricant: 230ps x 0.11 x 4 x 1.05

100ps x 0.2 x 6 x 1.05