

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

THE DETAILED DESIGN
ON
PORT REACTIVATION PROJECT IN LA UNION PROVINCE
OF
THE REPUBLIC OF EL SALVADOR

FINAL REPORT

COST ESTIMATE REPORT

Building Works

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OCTOBER 2002

NIPPON KOEI CO., LTD.

THE DETAILED DESIGN ON
PORT REACTIVATION PROJECT IN LA UNION PROVINCE

FINAL REPORT

COST ESTIMATE REPORT
Building Works

DESIGNED BY NIPPON KOEI

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**COST ESTIMATE REPORT
THE DETAILED DESIGN STUDY**

ON

**LA UNION PORT DEVELOPMENT PROJECT
BUILDING WORK**

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1. General

1.1 Basis of Cost Estimation

1.1.1 General

This report presents the Project cost estimate. The unit rates and prices for labor, materials, plant and equipment used in the cost estimation are based on the current price level as of July 2002.

1.1.2 Conditions for Cost Estimation

(1) Exchange Rate

The exchange rate used in the estimation of the Project cost is
US\$ 1= ¥ 120.00 and US\$ 1= ¢ 8.75

(2) Local Currency Portion

The local currency portion includes the following items:

- a) The cost of local materials, equipment and labor for both the permanent and temporary work of the Project ;
- b) The cost of local transportation, custom clearance, dealer's commissions, handling charges of agent, temporary storage, etc for imported materials and equipment ; and
- c) The Contractor's overhead and profit.

(3) Foreign Currency Portion

The foreign currency portion includes the following items;

- a) The cost of imported materials, equipment and foreign expatriates.
- b) The cost of overseas transportation of imported materials and equipment (dealer's commissions, handling charges, etc.)
- c) The Contractor's overhead and profit.

(4) Taxes

The value added tax (IVA) and the municipal tax imposed in accordance with the laws and regulations of the Government of the Republic of El Salvador are not included in the Project cost estimate.

1.1.3 Unit Rates

The availability and cost of local materials and labor at site such as stone, gravel, reclamation material, cement, skilled and unskilled workers are investigated through interviews and queries from local suppliers as well as authorities concerned.

1.1.4 Reference Information

In preparing the unit rate analysis, the estimated costs or unit rates applied to the projects being implemented in the country and current prices of international contracts are considered as reference prices in the estimate

2. BASIC DATA FOR UNIT COST ANALYSIS

Based upon the collected data and with reference to the current costs and prices, basic data for cost estimate have been set down as summarized below for the cost estimators in each section of the works in order to maintain consistency in estimation throughout.

2.1 Labor Wages

Please refer to Appendix 1.

2.2 Basic Construction Material Costs

Please refer to Appendix 2.

2.3 Construction Machine Operation Cost

Please refer to Appendix 3.

2.4 Indirect and Overhead Ratios

Description	Indirect and Overhead
Building works	15%

3. COST ESTIMATE OF BILL ITEMS

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
BUILDING WORK								
3A	PORT ADMINISTRATION BUILDING	LS	1		1,050,113		1,473,052	177,816,322
3B	CONTAINER FREIGHT STATION	LS	1		877,010		990,351	119,719,135
3C	MAINTENANCE AND REPAIR SHOP	LS	1		563,354		752,226	90,830,421
3D	CONTAINER GATE	LS	1		317,193		373,231	45,104,915
3E	CARGO GATE	LS	1		268,280		230,432	27,920,067
3F	POWER SUPPLY STA TION	LS	1		223,188		229,776	27,796,285
					3,299,138		4,049,067	
TOTAL FOR SECTION 300								489,187,145

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A PORT ADMINISTRATION BUILDING								
3A01	EARTHWORKS	L.S.	1		144,928		5,369	789,227
3A02	PILE WORKS	L.S.	1		54,430		132,663	15,973,990
3A03	CONCRETE AND FORMWORKS	L.S.	1		828,955		643,599	78,060,835
3A04	STRUCTURAL STEEL WORKS	L.S.	1		21,800		17,063	2,069,300
3A05	MASONRY WORKS	L.S.	1		0		95,790	11,494,762
3A06	WATERPROOFING WORKS	L.S.	1		0		35,395	4,247,401
3A07	TILE WORKS	L.S.	1		0		116,003	13,920,386
3A08	PLASTERING WORKS	L.S.	1		0		79,260	9,511,225
3A09	DOOR AND WINDOW WORKS	L.S.	1		0		172,236	20,668,310
3A10	PAINTING WORKS	L.S.	1		0		15,122	1,814,684
3A11	CARPENTRY AND JOINERY WORKS	L.S.	1		0		9,756	1,170,719
3A12	INTERIOR FINISHING WORKS	L.S.	1		0		43,299	5,195,823
3A13	MISCELLANEOUS METAL WORKS	L.S.	1		0		18,960	2,275,230
3A14	MISCELLANEOUS WORKS	L.S.	1		0		15,461	1,855,361
3A15	OUTDOOR WORKS	L.S.	1		0		73,076	8,769,068
					1,050,113		1,473,052	
TOTAL FOR SECTION 3A								177,816,322

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A01 EARTHWORKS								
3A0101	Excavation For Pile Cap	m3	344.77	90	31,029	2.09	721	117,498
3A0102	Backfilling For Pile Cap And Slab	m3	550.39	94	51,737	3.87	2,130	307,338
3A0103	Rubble Stone Bedding 100mm Thk	m3	145.92	426	62,162	17.26	2,519	364,391
					144,928			5,369
TOTAL FOR SECTION 3A01								789,227

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A02	PILE WORKS							
3A0201	Precast Prestressed Concrete Piles ; 45X45cm, Length 5m, 43Nos.	m	215	152	32,680	331.80	71,337	8,593,120
3A0202	Precast Prestressed Concrete Piles ; 50X50cm, Length 5m, 30Nos.	m	150	145	21,750	408.84	61,326	7,380,870
					54,430		132,663	
TOTAL FOR SECTION 3A02								15,973,990

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A03 CONCRETE AND FORMWORKS								
3A0301	Lean Concrete For Foundation Fc=180kg/cm ²	m ³	25.52	514	13,117	84.57	2,158	272,104
3A0302	Concrete Below 1st Floor Fc=210kg/cm ²	m ³	394.39	146	57,581	85.73	33,811	4,114,908
3A0303	Formwork Below 1st Floor	m ²	960.22	0	0	19.00	18,244	2,189,302
3A0304	Concrete Above 1st Floor Fc=280kg/cm ²	m ³	896.90	445	399,121	93.58	83,932	10,470,949
3A0305	Reinforcement	ton	267.90	0	0	583.92	156,432	18,771,860
3A0306	Formwork Above 1st Floor	m ²	6387.10	0	0	40.00	255,484	30,658,080
3A0307	Precast Concrete Slab	m ²	1247.00	288	359,136	75.01	93,537	11,583,632
					828,955		643,599	
TOTAL FOR SECTION 3A03								78,060,835

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A04 STRUCTURAL STEEL WORKS								
3A0401	Structural Steel Work	ton	10.00	2,180	21,800	1,706.25	17,063	2,069,300
					21,800		17,063	
TOTAL FOR SECTION 3A04								2,069,300

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A05 MASONRY WORKS								
3A0501	Concrete Block 200mmThk ,Including Lintel	m ²	973.84	0	0	41.00	39,927	4,791,293
3A0502	Concrete Block 150mmThk ,Including Lintel	m ²	1812.13	0	0	26.52	48,058	5,766,923
3A0503	Concrete Block 100mmThk ,Including Lintel	m ²	101.12	0	0	25.07	2,535	304,209
3A0504	Brick Masonry	m ²	182.02	0	0	28.95	5,269	632,337
					0		95,790	
TOTAL FOR SECTION 3A05								11,494,762

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A06 WATERPROOFING WORKS								
3A0601	Waterproof Membrane 2Layer Including Leveling Mortar	m ²	133.33	0	0	10	1,327	159,196
3A0602	Waterproof Membrane 3Layer Including Leveling Mortar	m ²	1376.5	0	0	25	34,068	4,088,205
					0		35,395	
TOTAL FOR SECTION 3A06								4,247,401

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A07 TILE WORKS								
3A0701	Floor Ceramic Tile 330*330*8mm ,Including Leveling Mortar	m ²	1788.26	0	0	36.82	65,844	7,901,248
3A0702	Floor Ceramic Tile 200*200*8mm ,Including Leveling Mortar	m ²	142.12	0	0	34.62	4,920	590,423
3A0703	Step Nosing Tile(Interior) , Including Leveling Mortar	m	146.16	0	0	16.00	2,339	280,627
3A0704	Floor Ceramic Tile 330*165*8mm ,Including Leveling Mortar	m ²	84.96	0	0	36.71	3,119	374,266
3A0705	Step Nosing Tile(Exterior) , Including Leveling Mortar	m	31.08	0	0	16.00	497	59,674
3A0706	Internal Wall Ceramic Tile 200*300*8mm ,Including Rendering Mortar	m ²	506.34	0	0	25.24	12,780	1,533,603
3A0707	Interior Ceramic Tile Skirting H;100mm ,Including Rendering Mortar	m	858.06	0	0	1.77	1,519	182,252
3A0708	External Wall Ceramic Tile 200*300*8mm ,Including Rendering Mortar	m ²	45.19	0	0	30.70	1,387	166,480
3A0709	Exterior Ceramic Tile Skirting H;800mm ,Including Rendering Mortar	m	127.18	0	0	24.53	3,120	374,367
3A0710	Granite Stone Floor Tile	m ²	450.88	0	0	43.76	19,731	2,367,661
3A0711	Granite Stone Tile Skirting	m	126.48	0	0	2.61	330	39,614
3A0712	Granite Stone Tile Shelf Top	m ²	10.24	0	0	40.83	418	50,172
						0	116,003	
TOTAL FOR SECTION 3A07								13,920,386

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A08 PLASTERING WORKS								
3A0801	Cement Mortar Plaster To Wall	m ²	5440.08	0	0	9.64	52,442	6,293,085
3A0802	Cement Mortar Skirting ;H100mm	m	42.21	0	0	1.59	67	8,054
3A0803	Cement Mortar Floor	m ²	150.18	0	0	11.34	1,703	204,365
3A0804	Control Joint At External Wall W;20mm ,w/Calking	m	1049.85	0	0	4.31	4,525	542,982
3A0805	Waterproof Cement Mortar	m ²	316.66	0	0	11.04	3,496	419,511
3A0806	Waterproof Cement Mortar w/Wire Mesh	m ²	161.14	0	0	13.37	2,154	258,533
3A0807	Color Cement Spray	m ²	236.53	0	0	2.08	492	59,038
3A0808	Colored Waterproof Cement Mortar	m ²	1111.32	0	0	12.94	14,380	1,725,658
					0		79,260	
TOTAL FOR SECTION 3A08								9,511,225

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3A09 DOOR AND WINDOW WORKS									
3A0901	D1 ; Aluminium Combination Door W5100*H3500mm	nos	4	0	0	8,587	34,347	4,121,587	
3A0902	D2 ; Aluminium Combination Door W1700*H2600mm	nos	1	0	0	2,021	2,021	242,492	
3A0903	D3 ; Steel Glazed Flash Door , W1700*H2500mm	nos	34	0	0	928	31,559	3,787,097	
3A0904	D4 ; Steel Flash Door , W900*H2500mm	nos	13	0	0	479	6,226	747,178	
3A0905	D5 ; Steel Flash Door , W1700*H2500mm	nos	4	0	0	891	3,564	427,723	
3A0906	D6 ; Steel Flash Door , W900*H2500mm	nos	6	0	0	442	2,651	318,118	
3A0907	D7 ; Steel Flash Door , W800*H2100mm	nos	9	0	0	405	3,642	437,076	
3A0908	D8 ; Wood Glazed Flash Door , W900*H2500mm	nos	29	0	0	170	4,918	590,104	
3A0909	D9 ; Steel Glazed Flash Door , W1350*H2500mm	nos	3	0	0	728	2,183	261,979	
3A0910	D10 ; Steel Flash Door , W500*H700mm	nos	4	0	0	84	337	40,469	
3A0911	D11 ; Wood Flash Door , W1200*H2500mm	nos	3	0	0	188	563	67,594	
3A0912	W1 ; Alum. Sliding Window , W4790*H1700mm	nos	1	0	0	1,411	1,411	169,379	
3A0913	W2 ; Alum. Sliding Window , W3170*H1700mm	nos	1	0	0	930	930	111,565	
3A0914	W3 ; Alum. Sliding Window , W5310*H2600mm	nos	18	0	0	1,898	34,163	4,099,529	
3A0915	W4 ; Alum. Sliding Window , W1200*H700mm	nos	32	0	0	211	6,765	811,853	
3A0916	W5 ; Alum. Combined Window , W9420*H2600mm	nos	6	0	0	3,700	22,201	2,664,101	
3A0917	W6 ; Alum. Sliding Window , W2470*H1200mm	nos	1	0	0	441	441	52,908	
3A0918	W7 ; Alum. Sliding Window , W1550*H1200mm	nos	7	0	0	308	2,156	258,754	
3A0919	W8 ; Alum. Combined Window , W13000*H2800mm	nos	1	0	0	5,692	5,692	683,011	
3A0920	W9 ; Alum. Casement Window , W600*H1200mm	nos	14	0	0	166	2,327	279,250	
3A0921	W10 ; Alum. Sliding Window , W1200*H1200mm	nos	4	0	0	273	1,091	130,930	
3A0922	W11 ; Alum. Sliding Window , W2470*H900mm	nos	3	0	0	495	1,485	178,236	
3A0923	W12 ; Alum. Sliding Window , W1550*H900mm	nos	1	0	0	267	267	32,040	
3A0924	W13 ; Alum. Sliding Window , W1550*H1600mm	nos	3	0	0	432	1,295	155,340	
							0	172,236	
TOTAL FOR SECTION 3A09								20,668,310	

LA UNION PORT DEVELOPMENT PROJECT

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PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3A10 PAINTING WORKS									
3A1001	Acrylic Emulsion Paint (Interior)	m ²	2707.12	0	0	2.30	6,226	747,165	
3A1002	Acrylic Emulsion Paint (Exterior)	m ²	2758.52	0	0	2.30	6,345	761,352	
3A1003	Oil Paint	m ²	711.79	0	0	3.24	2,306	276,744	
3A1004	Varnish Paint On Wooden Handrail	m ²	12.7	0	0	3.43	44	5,227	
3A1005	Marine Paint	m ²	56.01	0	0	3.60	202	24,196	
					0		15,122		
TOTAL FOR SECTION 3A10									1,814,684

LA UNION PORT DEVELOPMENT PROJECT

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PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3A11 CARPENTRY AND JOINERY WORKS									
3A1101	Wooden Skirting ,H:100mm	m	57.65	0	0	6.1	352	42,200	
3A1102	Blind Box W;120*D;100mm	m	157.19	0	0	35.59	5,594	671,327	
3A1103	Wooden Door Frame	m	240.87	0	0	5.91	1,424	170,825	
3A1104	Wooden Handrail	m	45.36	0	0	52.61	2,386	286,367	
					0		9,756		
TOTAL FOR SECTION 3A11									1,170,719

LA UNION PORT DEVELOPMENT PROJECT

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PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3A12 INTERIOR FINISHING WORKS									
3A1201	Mineral Fiber Accoustic Tile w/Suspended Ceiling	m2	1794.59	0	0	10.74	19,274	2,312,868	
3A1202	Cement Fiber Board w/Suspended Ceiling	m2	392.88	0	0	10.58	4,157	498,800	
3A1203	Aluminum Spandrel Ceiling	m2	243.43	0	0	79.35	19,316	2,317,940	
3A1204	Gypsum Board Wall w/Light Gauge Steel Frame	m2	24.34	0	0	22.67	552	66,215	
					0		43,299		
TOTAL FOR SECTION 3A12									5,195,823

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A13 MISCELLANEOUS METAL WORKS								
3A1301	Roof Drain , Cast Iron Made 100mm Dia	nos	15	0	0	16.73	251	30,114
3A1302	Roof Drain , Cast Iron Made 100mm Dia w/Wire Mesh Cover	nos	4	0	0	18.40	74	8,832
3A1303	Roof Gutter For Canopy ;Galva.St.Sheet 1.2mm Thk W:1400 w/Asphalt Coating Including Eaves Fascia Cover Plate	m	17.5	0	0	46.86	820	98,406
3A1304	Colored Formed Steel Sheet Roofing 0.5mm Thk Including Metal Flashing	m2	18	0	0	13.80	248	29,808
3A1305	Steel Handrail ;H 600mm	m	293.37	0	0	25.08	7,358	882,926
3A1306	Steel Handrail ;H 700mm	m	21	0	0	29.27	615	73,760
3A1307	Steel Handrail ;H 1100mm To Emergency Stair ,Balcony	m	76.86	0	0	98.19	7,547	905,626
3A1308	Parapet Rings	nos	17	0	0	31.50	536	64,260
3A1309	Steel Ladders w/Cage ; 2Nos	m	5.2	0	0	143.75	748	89,700
3A1310	Steel Ladders To Roof	m	2.6	0	0	46.00	120	14,352
3A1311	Hatch Cover	nos	1	0	0	115.00	115	13,800
3A1312	Door Mat	nos	1	0	0	220.00	220	26,400
3A1313	Steel Pipe Protection At Downspout Bottom	m	21	0	0	14.78	310	37,246
						18,960		
TOTAL FOR SECTION 3A13								2,275,230

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A14 MISCELLANIOUS WORKS								
3A1401	Downspout Above GL Including Elbow	m	189	0	0	10.06	1,901	228,161
3A1402	Room Name Plate	NOS	60	0	0	30	1,800	216,000
3A1403	Roof Insulation Of Form Polystyrene Board	m2	980	0	0	12	11,760	1,411,200
				0			15,461	
TOTAL FOR SECTION 3A14								1,855,361

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PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3A15 OUTDOOR WORKS								
3A1501	Catch Basin 400*400mm	nos	10	0	0	38.77	388	46,524
3A1502	Catch Basin 500*500mm	nos	3	0	0	54.92	165	19,771
3A1503	Drainage Piping PVC 150mm Dia ,w/Sand Filling Protection	m	91.35	0	0	23.17	2,117	253,990
3A1504	Interlocking Block w/Sand Bfdding	m2	849.99	0	0	27.89	23,706	2,844,747
3A1505	Concrete Foundation Of Airconditioning Equipment ;2Nos	LS	1	0	0		1,268	152,160
3A1506	Concrete Border Block ; 100*100*600mm To Air Con Area	m	33.60	0	0	16.48	554	66,447
3A1507	Net Fence H=2500mm,Including Gate And Foundation	m	38.85	0	0	24.73	961	115,291
3A1508	Gravel Bedding	m3	2.02	0	0	93.92	190	22,766
3A1509	Laon To Planting Area Including Concrete Border Block ;100*300*600mm, Sand Filling And Planting Tree	LS	1	0	0		17,500	2,100,000
3A1510	Parking Shed Including Drain Ditch w/Grating Cover	LS	1	0	0		15,130	1,815,600
3A1511	Guard Box 2Nos	LS	1	0	0		3,936	472,320
3A1512	Plant Box	m	76.60	0	0	93.5	7,162	859,452
					0		73,076	
TOTAL FOR SECTION 3A15								8,769,068

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B CONTAINER FREIGHT STATION								
3B01	EARTHWORKS	L.S.	1		448,813		23,947	3,322,417
3B02	PILE WORKS	L.S.	1		65,408		116,619	14,059,741
3B03	CONCRETE AND FORMWORKS	L.S.	1		253,692		273,958	33,128,658
3B04	STRUCTURAL STEEL WORKS	L.S.	1		109,096		358,663	43,148,650
3B05	MASONRY WORKS	L.S.	1		0		22,466	2,695,883
3B07	TILE WORKS	L.S.	1		0		17,049	2,045,878
3B08	PLASTERING WORKS	L.S.	1		0		10,112	1,213,402
3B09	DOOR AND WINDOW WORKS	L.S.	1		0		58,511	7,021,328
3B10	PAINTING WORKS	L.S.	1		0		19,157	2,298,835
3B11	CARPENTRY AND JOINERY WORKS	L.S.	1		0		222	26,588
3B12	INTERIOR FINISHING WORKS	L.S.	1		0		4,003	480,315
3B13	MISCELLANEOUS METAL WORKS	L.S.	1		0		79,677	9,561,227
3B14	MISCELLANEOUS WORKS	L.S.	1		0		1,290	154,763
3B15	OUTDOOR WORKS	L.S.	1		0		4,679	561,450
					877,010		990,351	
TOTAL FOR SECTION 3B								119,719,135

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
				3B01 EARTHWORKS				
3B0101	Excavation For Foundation	m3	969.00	64	62,016	1.49	1,444	235,273
3B0102	Back Filling For Pile Cap & Slab	m3	3,138.00	87	273,006	5.15	16,161	2,212,290
3B0103	Rubble Stone Bedding 100mm Thk	m3	418.35	272	113,791	15.16	6,342	874,854
					448,813		23,947	
TOTAL FOR SECTION 3B01								3,322,417

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B02	PILE WORKS							
3B0201	Precast Prestressed Concrete Piles ; 40X40cm, Length 7m, 56Nos.	m	392.00	139	54,488	262.00	102,704	12,378,968
3B0202	Precast Prestressed Concrete Piles ; 45X45cm, Length 7m, 6Nos.	m	42.00	260	10,920	331.32	13,915	1,680,773
					65,408		116,619	
TOTAL FOR SECTION 3B02								14,059,741

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B03 CONCRETE AND FORMWORKS								
3B0301	Lean Concrete, For Foundation Fc=180kg/cm ²	m ³	45.82	286	13,105	81.54	3,736	461,444
3B0302	Concrete Below 1st Floor Fc=210kg/cm ²	m ³	1,063.90	141	150,010	83.68	89,027	10,833,268
3B0303	Concrete Above 1st Floor Fc=280kg/cm ²	m ³	36.06	379	13,667	93.85	3,384	419,774
3B0304	Reinforcement Steel Bar	ton	156.55	0	0	480.14	75,166	9,019,910
3B0305	Formwork	m ²	2,700.66	0	0	30.00	81,020	9,722,376
3B0306	Precast Concrete Slab	m ²	289.14	266	76,911	74.79	21,625	2,671,885
					253,692		273,958	
TOTAL FOR SECTION 3B03								33,128,658

LA UNION PORT DEVELOPMENT PROJECT

3B04 STRUCTURAL STEEL WORKS

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B04 STRUCTURAL STEEL WORKS								
3B0401	Structural Steel Work	ton	204.30	534	109,096	1,755.57	358,663	43,148,650
					109,096			358,663
TOTAL FOR SECTION 3B04								43,148,650

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B05 MASONRY WORKS								
3B0501	Concrete Block 200mm Thk ,Including Lintel	m ²	407.80	0	0	41.00	16,720	2,006,376
3B0502	Concrete Block 150mm Thk ,Including Lintel	m ²	189.56	0	0	26.52	5,027	603,256
3B0503	Concrete Block 100mm Thk ,Including Lintel	m ²	28.67	0	0	25.07	719	86,251
					0		22,466	
TOTAL FOR SECTION 3B05								2,695,883

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B07 TILE WORKS								
3B0701	Floor Ceramic Tile 330*330*8mm ,Including Leveling Mortar	m ²	330.33	0	0	36.82	12,163	1,459,530
3B0702	Floor Ceramic Tile 200*200*8mm ,Including Leveling Mortar	m ²	24.04	0	0	34.62	832	99,872
3B0703	Step Nosing Tile(Interior) , Including Leveling Mortar	m	32.00	0	0	16.00	512	61,440
3B0704	Step Nosing Tile(Exterior) , Including Leveling Mortar	m	51.24	0	0	16.00	820	98,381
3B0705	Internal Wall Ceramic Tile 200*300*8mm ,Including Rendering Mortar	m ²	105.27	0	0	25.24	2,657	318,842
3B0706	Interior Ceramic Tile Skirting H;100mm ,Including Rendering Mortar	m	30.60	0	0	1.77	54	6,499
3B0707	Granite Stone Tile Shelf Top W;150mm	m	1.79	0	0	6.12	11	1,315
				0		17,049		
TOTAL FOR SECTION 3B07								2,045,878

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B08 PLASTERING WORKS								
3B0801	Cement Mortar Plaster To Wall	m ²	704.60	0	0	9.64	6,792	815,081
3B0802	Cement Mortar Skirting ;H100mm	m	207.42	0	0	1.59	330	39,576
3B0803	Control Joint At External Wall W;20mm ,w/Calking	m	132.30	0	0	4.31	570	68,426
3B0804	Hardener Finish On Concrete Floor	m ²	73.18	0	0	33.06	2,419	290,320
				0		10,112		
TOTAL FOR SECTION 3B08								1,213,402

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	PAY ITEM NO.	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
				3B09 DOOR AND WINDOW WORKS				
3B0901	D1 ; Steel Glazed Flash Door , W900*H2100mm	NOS	5		0	434	2,172	250,640
3B0902	D2 ; Wood Glazed Flash Door , W800*H2100mm	NOS	3		0	386	1,158	139,010
3B0903	D3 ; Steel Flash Door , W900*H2100mm	NOS	2		0	420	839	100,692
3B0904	D4 ; Wood Flash Door , W550*H2100mm	NOS	3		0	90	271	32,530
3B0905	D5 ; Wood Flash Door , W800*H800mm	NOS	1		0	40	40	4,806
3B0906	D6 ; Steel Roll-Up Shutter , W5000*H5000mm	NOS	16		0	1,768	28,283	3,394,003
3B0907	D7 ; Steel Sliding Door , W2500*H2500mm	NOS	2		0	495	991	118,870
3B0908	W1 ; Alum. Sliding Window , W1200*H700mm	NOS	3		0	192	577	69,221
3B0909	W2 ; Alum. Sliding Window , W1200*H900mm	NOS	4		0	224	897	107,587
3B0910	W3 ; Alum. Framed Louver Window , W3310*H1200mm	NOS	4		0	532	2,126	255,120
3B0911	W4 ; Alum. Framed Louver Window , W7250*H840mm	NOS	16		0	1,071	17,141	2,056,934
3B0912	W5 ; Alum. Framed Louver Window , W4600*H840mm	NOS	4		0	657	2,628	315,398
3B0913	W6 ; Alum. Framed Louver Window , W1670*H1200mm	NOS	4		0	347	1,388	166,517
					0		58,511	
TOTAL FOR SECTION 3B09								7,021,328

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3B10 PAINTING WORKS									
3B1001	Acrylic Emulsion Paint (Interior)	m ²	772.45		0	2.30	1,777	213,196	
3B1002	Acrylic Emulsion Paint (Exterior)	m ²	407.8		0	2.30	938	112,553	
3B1003	Oil Paint	m ²	955.11		0	3.24	3,095	371,347	
3B1004	Marine Paint On Structure Steel	m ²	3707.73		0	3.60	13,348	1,601,739	
					0		19,157		
TOTAL FOR SECTION 3B10									2,298,835

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B11 CARPENTRY AND JOINERY WORKS								
3B1101	Wooden Door Frame	m	37.49		0	5.91	222	26,588
					0		222	
TOTAL FOR SECTION 3B11								26,588

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B12 INTERIOR FINISHING WORKS								
3B1201	Cement Fiber Board w/Suspended Ceiling	m2	378.32		0	10.58	4,003	480,315
					0		4,003	
TOTAL FOR SECTION 3B12								480,315

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B13 MISCELLANEOUS METAL WORKS								
3B1301	Colored Formed Steel Sheet Roofing 0.5mm Thk Including Metal Flashing	m2	3768.85		0	13.80	52,010	6,241,216
3B1302	Colored Formed Steel Sheet Cladding Wall 0.5mm Thk	m2	644.27		0	13.80	8,891	1,066,911
3B1303	Steel Handrail Interior H1200mm	m	41.48		0	98.19	4,073	488,731
3B1304	Steel Handrail At Platform Stair H1100mm	m	12.60		0	104.83	1,321	158,503
3B1305	Eaves Gutter ;Galvanized Steel Sheet 0.6mm Thk	m	168.42		0	46.86	7,892	947,059
3B1306	Roof Drain	NOS	10		0	16.73	167	20,076
3B1307	Column Protection Steel Pipe	m	49.14		0	28.50	1,400	168,059
3B1308	Steel Pipe Protection At Downspout Bottom H2000mm	m	21.00		0	14.78	310	37,246
3B1309	Metal Wire Mesh For Bird Proof	m2	111.13		0	32.50	3,612	433,407
					0		79,677	
TOTAL FOR SECTION 3B13								9,561,227

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3B14 MISCELLANIOUS WORKS									
3B1401	Downspout PVC Pipe 100mm Dia Including Elbow Underground	m	128.20		0	10.06	1,290	154,763	
TOTAL FOR SECTION 3B14								1,290	154,763

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3B15 OUTDOOR WORKS								
3B1501	Ocncrete Drain Ditch w/Conc.Cover W400mm	m	126.00		0	30.00	3,780	453,600
3B1502	Ocncrete Drain Pipe 200mm Dia	m	15.75		0	45.00	709	85,050
3B1503	Ocncrete Catch Basin 800*800mm In Size	NOS	2		0	95.00	190	22,800
					0		4,679	
TOTAL FOR SECTION 3B15								561,450

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3C MAINTRENANCE AND REPAIR SHOP								
3C01	EARTHWORKS	L.S.	1		242,060		7,541	1,146,990
3C02	PILE WORKS	L.S.	1		87,404		140,491	16,946,329
3C03	CONCRETE AND FORMWORKS	L.S.	1		146,745		138,196	16,730,286
3C04	STRUCTURAL STEEL WORKS	L.S.	1		87,146		257,725	31,014,201
3C05	MASONRY WORKS	L.S.	1		0		15,537	1,864,485
3C07	TILE WORKS	L.S.	1		0		10,840	1,300,753
3C08	PLASTERING WORKS	L.S.	1		0		49,220	5,906,434
3C09	DOOR AND WINDOW WORKS	L.S.	1		0		37,708	4,524,974
3C10	PAINTING WORKS	L.S.	1		0		15,184	1,822,099
3C11	CARPENTRY AND JOINERY WORKS	L.S.	1		0		887	106,492
3C12	INTERIOR FINISHING WORKS	L.S.	1		0		16,965	2,035,756
3C13	MISCELLANEOUS METAL WORKS	L.S.	1		0		55,561	6,667,295
3C14	MISCELLANEOUS WORKS	L.S.	1		0		902	108,250
3C15	OUTDOOR WORKS	L.S.	1		0		5,467	656,079
					563,354		752,226	
TOTAL FOR SECTION 3C								90,830,421

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3C01 EARTHWORKS								
3C0101	Excavation For Foundation	m3	1740.00	48	83,520	1.11	1,931	315,288
3C0102	Back Filling	m3	1463.00	57	83,391	1.32	1,931	315,130
3C0103	Rubble Stone Bedding 100mm Thk	m3	164.44	457	75,149	22.37	3,679	516,572
					242,060			7,541
TOTAL FOR SECTION 3C01								1,146,990

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3C02	PILE WORKS							
3C0201	Precast Prestressed Concrete Piles ; 40X40cm, Length 4m, 79Nos.	m	316.00	173	54,668	261.68	82,691	9,977,574
3C0202	Precast Prestressed Concrete Piles ; 45X45cm, Length 4m, 44Nos.	m	176.00	186	32,736	328.41	57,800	6,968,755
					87,404		140,491	
TOTAL FOR SECTION 3C02								16,946,329

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3C03 CONCRETE AND FORMWORKS								
3C0301	Lean Concrete, For Foundation Fc=180kg/cm ²	m ³	27.82	471	13,103	83.95	2,335	293,362
3C0302	Concrete Below 1st Floor Fc=210kg/cm ²	m ³	497.56	138	68,663	83.59	41,591	5,059,588
3C0303	Concrete Above 1st Floor Fc=280kg/cm ²	m ³	53.93	253	13,644	91.33	4,925	604,696
3C0304	Reinforcement Steel Bar	ton	76.96	0	0	443.62	34,141	4,096,919
3C0305	Formwork	m ²	1471.46	0	0	30.00	44,144	5,297,256
3C0306	Precast Concrete Slab	m ²	146.25	351	51,334	75.62	11,059	1,378,465
					146,745		138,196	
TOTAL FOR SECTION 3C03								16,730,286

LA UNION PORT DEVELOPMENT PROJECT

BILL NO 3C MAINRENANCE AND REPAIR SHOP

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3C04 STRUCTURAL STEEL WORKS								
3C0401	Structural Steel Work	ton	146.71	594	87,146	1,756.70	257,725	31,014,201
					87,146		257,725	
TOTAL FOR SECTION 3C04								31,014,201

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3C05 MASONRY WORKS								
3C0501	Concrete Block 200mm Thk ,Including Lintel	m ²	345.66	0	0	41	14,172	1,700,647
3C0502	Concrete Block 100mm Thk ,Including Lintel	m ²	54.46	0	0	25.07	1,365	163,837
					0		15,537	
TOTAL FOR SECTION 3C05								1,864,485

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3C07 TILE WORKS									
3C0701	Floor Ceramic Tile 330*330*8mm ,Including Leveling Mortar	m ²	94.50	0	0	36.82	3,479	417,539	
3C0702	Floor Ceramic Tile 200*200*8mm ,Including Leveling Mortar	m ²	57.96	0	0	34.62	2,007	240,789	
3C0703	Step Nosing Tile(Interior) , Including Leveling Mortar	m	14.70	0	0	16	235	28,224	
3C0704	Internal Wall Ceramic Tile 200*300*8mm ,Including Rendering Mortar	m ²	202.53	0	0	25.24	5,112	613,423	
3C0705	Granite Stone Tile Shelf Top W;150mm	m	1.06	0	0	6.12	6	778	
					0		10,840		
TOTAL FOR SECTION 3C07									1,500,753

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3C08 PLASTERING WORKS									
3C0801	Cement Mortar Plaster To Wall	m ²	507.02	0	0	9.64	4,888	586,521	
3C0802	Cement Mortar Skirting ;H100mm	m	258.30	0	0	1.59	411	49,284	
3C0803	Cement Mortar Floor	m ²	43.47	0	0	11.34	493	59,154	
3C0804	Control Joint At External Wall W;20mm ,w/Calking	m	114.45	0	0	4.31	493	59,194	
3C0805	Hardener Finish On Concrete Floor	m ²	1298.72	0	0	33.06	42,936	5,152,282	
					0		49,220		
TOTAL FOR SECTION 3C08									5,906,434

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3C09	DOOR AND WINDOW WORKS								
3C0901	D1 ; Steel Glazed Flash Door , W900*H2100mm	NOS	4	0	0	434.4	1,738	208,512	
3C0902	D2 ; Wood Glazed Flash Door , W800*H2100mm	NOS	4	0	0	169.57	678	81,394	
3C0903	D3 ; Steel Flash Door , W900*H2100mm	NOS	3	0	0	419.55	1,259	151,038	
3C0904	D4 ; Wood Flash Door , W550*H2100mm	NOS	5	0	0	90.36	452	54,216	
3C0905	D5 ; Steel Roll-Up Shutter , W4500*H4500mm	NOS	5	0	0	1150	5,750	690,000	
3C0906	D6 ; Steel Roll-Up Shutter , W6500*H4650mm	NOS	1	0	0	2204.94	2,205	264,593	
3C0907	D7 ; Steel Sliding Door , W2500*H2500mm	NOS	2	0	0	495.29	991	118,870	
3C0908	W1 ; Alum. Sliding Window , W1200*H900mm	NOS	2	0	0	224.14	448	53,794	
3C0909	W2 ; Alum. Sliding Window , W1200*H700mm	NOS	3	0	0	200.82	602	72,295	
3C0910	W3 ; Alum. Framed Louver Window , W1670*H1500mm	NOS	23	0	0	346.89	7,978	957,416	
3C0911	W4 ; Alum. Framed Louver Window , W5600*H1400mm	NOS	14	0	0	1114.79	15,607	1,872,847	
					0		37,708		
TOTAL FOR SECTION 3C09									4,524,974

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3C10 PAINTING WORKS									
3C1001	Acrylic Emulsion Paint (Interior)	m ²	1037.77	0	0	2.30	2,387	286,425	
3C1002	Acrylic Emulsion Paint (Exterior)	m ²	207.96	0	0	2.30	478	57,397	
3C1003	Oil Paint	m ²	891.22	0	0	3.24	2,888	346,506	
3C1004	Marine Paint On Structure Steel	m ²	2619.84	0	0	3.60	9,431	1,131,771	
					0		15,184		
TOTAL FOR SECTION 3C10									1,822,099

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3C11 CARPENTRY AND JOINERY WORKS									
3C1101	Wooden Skirting ,H:100mm	m	105.40	0	0	6.10	643	77,153	
3C1102	Wooden Door Frame	m	41.37	0	0	5.91	244	29,340	
								887	
TOTAL FOR SECTION 3C11									106,492

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3C12 INTERIOR FINISHING WORKS								
3C1201	Cement Fiber Board w/Suspended Ceiling	m2	73.08	0	0	10.58	773	92,782
3C1202	Gypsum Board w/Suspended Ceiling	m2	66.15	0	0	18.50	1,224	146,853
3C1203	Cement Fiber Board Wall w/Light Gauge Steel Frame	m2	167.09	0	0	21.00	3,509	421,067
3C1204	Gypsum Board Wall w/Light Gauge Steel Frame	m2	505.46	0	0	22.67	11,459	1,375,053
					0		16,965	
TOTAL FOR SECTION 3C12								2,035,756

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3C13 MISCELLANEOUS METAL WORKS								
3C1301	Colored Formed Steel Sheet Roofing 0.5mm Thk Including Metal Flashing , Verge Board ,Glass Fiberboard Skylight	m2	1798.02	0	0	13.80	24,813	2,977,521
3C1302	Colored Formed Steel Sheet Cladding Wall 0.5mm Thk	m2	1142.18	0	0	13.80	15,762	1,891,450
3C1303	Steel Handrail Interior H1200mm	m	28.04	0	0	98.19	2,753	330,390
3C1304	Eaves Gutter ;Galvanized Steel Sheet 0.6mm Thk W400*H500 In Size	m	168.42	0	0	42.00	7,074	848,837
3C1305	Eaves Gutter ;Galvanized Steel Sheet 0.6mm Thk W200*H200 In Size	m	88.20	0	0	30.00	2,646	317,520
3C1306	Roof Drain	NOS	12	0	0	16.73	201	24,091
3C1307	Steel Pipe Protection At Downspout Bottom H2000mm	m	21.00	0	0	14.78	310	37,246
3C1308	Steel Grating Cover Of Drainage Gutter W300mm	m	5.20	0	0	42.00	218	26,208
3C1309	Metal Wire Mesh For Bird Proof	m2	54.88	0	0	32.50	1,784	214,032
					0		55,561	
TOTAL FOR SECTION 3C13								6,667,295

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3C14 MISCELLANIOUS WORKS									
3C1401	Downspout PVC Pipe 100mmdia	m	89.67	0	0	10.06	902	108,250	
TOTAL FOR SECTION 3C14								902	108,250

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3C15 OUTDOOR WORKS								
3C1501	Drainage Pipe Of Elbow Underground PVC 100mm Dia	m	45.36		0	10.06	456	54,759
3C1502	Ocncrete Drain Ditch w/Conc.Cover W400mm	m	56.70		0	30.00	1,701	204,120
3C1503	Ocncrete Drain Pipe 200mm Dia	m	63.00		0	45.00	2,835	340,200
3C1504	Ocncrete Catch Basin 800*800mm In Size	NOS	5		0	95.00	475	57,000
					0		5,467	
TOTAL FOR SECTION 3C15								656,079

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3D CONTAINER GATE								
3D01	EARTHWORKS	L.S.	1		165,757		4,530	709,342
3D03	CONCRETE AND FORMWORKS	L.S.	1		120,914		151,878	18,346,260
3D04	STRUCTURAL STEEL WORKS	L.S.	1		30,523		90,382	10,876,326
3D05	MASONRY WORKS	L.S.	1		0		16,431	1,971,720
3D07	TILE WORKS	L.S.	1		0		5,136	616,355
3D08	PLASTERING WORKS	L.S.	1		0		21,573	2,588,797
3D09	DOOR AND WINDOW WORKS	L.S.	1		0		16,128	1,935,305
3D10	PAINTING WORKS	L.S.	1		0		6,937	832,397
3D12	INTERIOR FINISHING WORKS	L.S.	1		0		1,401	168,159
3D13	MISCELLANEOUS METAL WORKS	L.S.	1		0		54,770	6,572,383
3D14	MISCELLANEOUS WORKS	L.S.	1		0		1,466	175,949
3D15	OUTDOOR WORKS	L.S.	1		0		2,599	311,923
					317,193		373,231	
TOTAL FOR SECTION 3D								45,104,915

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3D01 EARTHWORKS								
3D0101	Excavation For Foundation	m3	1155.24	54	62,383	1.25	1,444	235,669
3D0102	Back Filling	m3	549.72	75	41,229	1.75	962	156,670
3D0103	Rubble Stone Bedding 100mm Thk	m3	92.34	673	62,145	23.00	2,124	317,003
					165,757		4,530	
TOTAL FOR SECTION 3D01								709,342

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
				3D03 CONCRETE AND FORMWORKS				
3D0301	Lean Concrete, For Foundation Fc=180kg/cm ²	m ³	26.28	499	13,114	84.35	2,217	279,120
3D0302	Concrete Below 1st Floor Fc=210kg/cm ²	m ³	299.36	183	54,783	84.61	25,329	3,094,245
3D0303	Concrete Above 1st Floor Fc=280kg/cm ²	m ³	89.02	307	27,329	92.41	8,226	1,014,490
3D0304	Reinforcement Steel Bar	ton	66.05	0	0	592.45	39,131	4,695,759
3D0305	Formwork	m ²	1841.19	0	0	40.00	73,648	8,837,712
3D0306	Precast Concrete Slab	m ²	42.60	603	25,688	78.10	3,327	424,935
					120,914		151,878	
TOTAL FOR SECTION 3D03								18,346,260

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3D04 STRUCTURAL STEEL WORKS								
3D0401	Structural Steel Work	ton	49.47	617	30,523	1,827	90,382	10,876,326
					30,523		90,382	
TOTAL FOR SECTION 3D04								10,876,326

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3D05 MASONRY WORKS								
3D0501	Concrete Block 200mm Thk ,Including Lintel	m ²	193.90		0	41.00	7,950	953,988
3D0502	Concrete Block 150mm Thk ,Including Lintel	m ²	319.80		0	26.52	8,481	1,017,732
					0		16,431	
TOTAL FOR SECTION 3D05								1,971,720

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3D07 TILE WORKS								
3D0701	Floor Ceramic Tile 330*330*8mm ,Including Leveling Mortar	m ²	132.45		0	36.82	4,877	585,217
3D0702	Interior Ceramic Tile Skirting H;100mm ,Including Rendering Mortar	m	146.60		0	1.77	259	31,138
					0		5,136	
TOTAL FOR SECTION 3D07								616,355

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3D08 PLASTERING WORKS								
3D0801	Cement Mortar Plaster To Wall	m ²	1734.77		0	9.64	16,723	2,006,782
3D0802	Cement Mortar Floor	m ²	353.40		0	11.34	4,008	480,907
3D0803	Waterproof Cement Mortar Floor	m ²	76.32		0	11.04	843	101,109
					0		21,573	
TOTAL FOR SECTION 3D08								2,588,797

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3D09 DOOR AND WINDOW WORKS									
3D0901	D1;Aluminium Glazed Flush Door W900*H2100mm	NOS	6		0	451.51	2,709	325,087	
3D0902	D2;Steel Flush Door W800*H2100mm	NOS	4		0	404.70	1,619	194,256	
3D0903	W1;Aluminium Sliding Window W3250*H1400mm	NOS	12		0	669.74	8,037	964,426	
3D0904	W2;Steel Framed Louver Window W2000*H1200mm	NOS	8		0	188.60	1,509	181,056	
3D0905	W3;Steel Framed Louver Window W1500*H1000mm	NOS	14		0	161.00	2,254	270,480	
					0		16,128		
TOTAL FOR SECTION 3D9									1,935,305

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3D10 PAINTING WORKS								
3D1001	Acrylic Emulsion Paint (Interior)	m ²	654.21		0	2.30	1,505	180,562
3D1002	Acrylic Emulsion Paint (Exterior)	m ²	1213.01		0	2.30	2,790	334,791
3D1003	Oil Paint Steel Handrail	m ²	34.50		0	3.24	112	13,414
3D1004	Marine Paint On Structure Steel Including Staircase And Walkway	m ²	682.50		0	3.60	2,457	294,840
3D1005	Vinyl Paint On PVC Pipe Downspout	m ²	22.61		0	3.24	73	8,791
					0		6,937	
TOTAL FOR SECTION 3D10								832,397

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3D12 INTERIOR FINISHING WORKS								
3D1201	Cement Fiber Board w/Suspended Ceiling	m2	132.45		0	10.58	1,401	168,159
					0		1,401	
TOTAL FOR SECTION 3D12								168,159

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3D13 MISCELLANEOUS METAL WORKS									
3D1301	Colored Formed Steel Sheet Roofing 0.5mm Thk Including Gutter	m2	1290	0	0	13.80	17,802	2,136,240	
3D1302	Colored Formed Steel Sheet Cladding Wall 0.5mm Thk	m2	97.47	0	0	13.80	1,345	161,410	
3D1303	Steel Handrail At Bridge Walk 2FL H.1100mm	m	215.5	0	0	98.19	21,160	2,539,193	
3D1304	Steel Handrail At Staircase & 1FL H.1100mm	m	142.4	0	0	98.19	13,982	1,677,871	
3D1305	Roof Drain ;Formed Wire Mesh w/Tar Painted	NOS	9	0	0	16.73	151	18,068	
3D1306	Safety Chain	NOS	6	0	0	55.00	330	39,600	
TOTAL FOR SECTION 3D13								54,770	6,572,383

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3D14 MISCELLANIOUS WORKS								
3D1401	Downspout PVC Pipe 100mm Dia Including Underground Elbow	m	104		0	10.06	1,046	125,549
3D1402	Lope Ladder ;Timber Rung & Nylon Rope	NOS	6		0	70.00	420	50,400
					0		1,466	
TOTAL FOR SECTION 3D14								175,949

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E CARGO GATE								
3E01	EARTHWORKS	L.S.	1		144,923		3,814	602,590
3E03	CONCRETE AND FORMWORKS	L.S.	1		107,004		105,189	12,729,728
3E04	STRUCTURAL STEEL WORKS	L.S.	1		16,353		53,043	6,381,459
3E05	MASONRY WORKS	L.S.	1		0		10,777	1,293,232
3E07	TILE WORKS	L.S.	1		0		3,894	467,235
3E08	PLASTERING WORKS	L.S.	1		0		11,724	1,406,861
3E09	DOOR AND WINDOW WORKS	L.S.	1		0		6,980	837,612
3E10	PAINING WORKS	L.S.	1		0		4,195	503,442
3E12	INTERIOR FINISHING WORKS	L.S.	1		0		1,068	128,166
3E13	MISCELLANEOUS METAL WORKS	L.S.	1		0		27,324	3,278,937
3E14	MISCELLANEOUS WORKS	L.S.	1		0		844	101,254
3E15	OUTDOOR WORKS	L.S.	1		0		1,580	189,552
					268,280		230,432	
TOTAL FOR SECTION 3E								27,920,067

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E01 EARTHWORKS								
3E0101	Excavation For Foundation	m3	690.12	60	41,407	1.40	966	157,347
3E0102	Back Filling	m3	342.18	121	41,404	2.81	962	156,787
3E0103	Rubble Stone Bedding 100mm Thk	m3	60.07	1034	62,112	31.40	1,886	288,456
					144,923		3,814	
TOTAL FOR SECTION 3E01								602,590

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E03 CONCRETE AND FORMWORKS								
3E0301	Lean Concrete, For Foundation $F_c=180\text{kg/cm}^2$	m3	14.93	878	13,109	89.91	1,342	174,191
3E0302	Concrete Below 1st Floor $F_c=210\text{kg/cm}^2$	m3	193.82	211	40,896	85.26	16,525	2,023,907
3E0303	Concrete Above 1st Floor $F_c=280\text{kg/cm}^2$	m3	72.83	375	27,311	93.78	6,830	846,911
3E0304	Reinforcement Steel Bar	ton	45.10	0	0	647.62	29,208	3,504,919
3E0305	Formwork	m ²	1198.93	0	0	40.00	47,957	5,754,864
3E0306	Precast Concrete Slab	m ²	42.60	603	25,688	78.10	3,327	424,935
					107,004		105,189	
TOTAL FOR SECTION 3E03								12,729,728

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E04 STRUCTURAL STEEL WORKS								
3E0401	Structural Steel Work	ton	28.05	583	16,353	1,891	53,043	6,381,459
					16,353		53,043	
TOTAL FOR SECTION 3E04								6,381,459

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E05 MASONRY WORKS								
3E0501	Concrete Block 200mm Thk ,Including Lintel	m ²	193.9		0	41.00	7,950	953,988
3E0502	Concrete Block 150mm Thk ,Including Lintel	m ²	106.6		0	26.52	2,827	339,244
					0		10,777	
TOTAL FOR SECTION 3E05								1,293,232

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E07 TILE WORKS								
3E0701	Floor Ceramic Tile 330*330*8mm ,Including Leveling Mortar	m ²	100.95		0	36.82	3,717	446,037
3E0702	Interior Ceramic Tile Skirting H;100mm ,Including Rendering Mortar	m	99.8		0	1.77	177	21,198
					0		3,894	
TOTAL FOR SECTION 3E07								467,235

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E08 PLASTERING WORKS								
3E0801	Cement Mortar Plaster To Wall	m ²	954.02		0	9.64	9,197	1,103,610
3E0802	Cement Mortar Floor	m ²	198.08		0	11.34	2,246	269,547
3E0803	Waterproof Cement Mortar	m ²	25.44		0	11.04	281	33,703
					0		11,724	
TOTAL FOR SECTION 3E08								1,406,861

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E09 DOOR AND WINDOW WORKS								
3E0901	D1;Aluminium Glazed Flush Door W900*H2100mm	NOS	2		0	451.51	903	108,362
3E0902	D2;Steel Flush Door W800*H2100mm	NOS	4		0	404.70	1,619	194,256
3E0903	W1;Aluminium Sliding Window W3250*H1400mm	NOS	2		0	669.74	1,339	160,738
3E0904	W2;Steel Framed Louver Window W2000*H1200mm	NOS	8		0	188.60	1,509	181,056
3E0905	W3;Steel Framed Louver Window W1500*H1000mm	NOS	10		0	161.00	1,610	193,200
					0		6,980	
TOTAL FOR SECTION 3E09								837,612

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E10 PAINTING WORKS								
3E1001	Acrylic Emulsion Paint (Interior)	m ²	303.07		0	2.30	697	83,647
3E1002	Acrylic Emulsion Paint (Exterior)	m ²	751.9		0	2.30	1,729	207,524
3E1003	Oil Paint On Steel Handrail	m ²	22.67		0	3.24	73	8,814
3E1004	Marine Paint On Structure Steel Including Staircase And Walkway	m ²	457.4		0	3.60	1,647	197,597
3E1005	Vinyl Paint On PVC Pipe Downspout	m ²	15.07		0	3.24	49	5,859
					0		4,195	
TOTAL FOR SECTION 3E10								503,442

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E12 INTERIOR FINISHING WORKS								
3E1201	Cement Fiber Board w/Suspended Ceiling	m2	100.95	0	0	10.58	1,068	128,166
								1,068
TOTAL FOR SECTION 3E12								128,166

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3E13 MISCELLANEOUS METAL WORKS								
3E1301	Colored Formed Steel Sheet Roofing 0.5mm Thk Including Gutter	m2	738.82		0	13.80	10,196	1,223,486
3E1302	Colored Formed Steel Sheet Cladding Wall 0.5mm Thk	m2	58.29		0	13.80	804	96,528
3E1303	Steel Handrail At Bridge Walk 2FL H.1100mm	m	93.15		0	98.19	9,146	1,097,568
3E1304	Steel Handrail At Staircase & 1FL H.1100mm	m	70.4		0	98.19	6,913	829,509
3E1305	Roof Drain ;Formed Wire Mesh w/Tar Painted	NOS	6		0	16.73	100	12,046
3E1306	Safety Chain	NOS	3		0	55.00	165	19,800
					0		27,324	
TOTAL FOR SECTION 3E13								3,278,937

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3E14 MISCELLANIOUS WORKS									
3E1401	Downspout PVC Pipe 100mm Dia Including Underground Elbow	m	63	0	0	10.06	634	76,054	
3E1402	Lope Ladder ; Timber Rung & Nylon Rope	NOS	3	0	0	70.00	210	25,200	
				0			844		
TOTAL FOR SECTION 3E14									101,254

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3E15 OUTDOOR WORKS									
3E1501	Catch Basin w/Concrete Cover 500*500mm	NOS	5		0	54.92	275	32,952	
3E1502	Concrete Drainage Pipe 200mm Dia	m	29		0	45.00	1,305	156,600	
					0		1,580		
TOTAL FOR SECTION 3E15									189,552

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
				3F POWER SUPPLY STATION				
3F01	EARTHWORKS	L.S.	1		103,748		2,844	445,013
3F02	PILE WORKS	L.S.	1		21,756		38,463	4,637,262
3F03	CONCRETE AND FORMWORKS	L.S.	1		97,684		109,196	13,201,249
3F05	MASONRY WORKS	L.S.	1		0		12,218	1,466,155
3F06	WATERPROOFING WORKS	L.S.	1		0		10,974	1,316,820
3F07	TILE WORKS	L.S.	1		0		1,388	166,618
3F08	PLASTERING WORKS	L.S.	1		0		26,879	3,225,461
3F09	DOOR AND WINDOW WORKS	L.S.	1		0		11,498	1,379,814
3F10	PAINING WORKS	L.S.	1		0		3,404	408,510
3F11	CARPENTRY AND JOINERY WORKS	L.S.	1		0		28	3,333
3F12	INTERIOR FINISHING WORKS	L.S.	1		0		286	34,279
3F13	MISCELLANEOUS METAL WORKS	L.S.	1		0		2,136	256,342
3F14	MISCELLANEOUS WORKS	L.S.	1		0		1,426	171,119
3F15	OUTDOOR WORKS	L.S.	1		0		9,036	1,084,309
					223,188		229,776	
TOTAL FOR SECTION 3F								27,796,285

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3F01 EARTHWORKS								
3F0101	Excavation For Foundation	m3	304.80	68	20,726	1.58	482	78,516
3F0102	Back Filling	m3	315.49	132	41,645	3.05	962	157,114
3F0103	Rubble Stone Bedding 100mm Thk	m3	59.45	696	41,377	23.55	1,400	209,383
					103,748			2,844
TOTAL FOR SECTION 3F01								445,013

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3F02	PILE WORKS							
3F0201	Precast Prestressed Concrete Piles ; 40X40cm, Length 7m, 21Nos.	m	147	148	21,756	261.65	38,463	4,637,262
					21,756		38,463	
TOTAL FOR SECTION 3F02								4,637,262

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3F03 CONCRETE AND FORMWORKS								
3F0301	Lean Concrete, For Foundation Fc=180kg/cm ²	m ³	15.60	840	13104	89.35	1,394	180,367
3F0302	Concrete Below 1st Floor Fc=210kg/cm ²	m ³	193.28	212	40975	85.27	16,481	2,018,694
3F0303	Concrete Above 1st Floor Fc=280kg/cm ²	m ³	91.82	298	27362	92.22	8,468	1,043,479
3F0304	Reinforcement Steel Bar	ton	35.38	0	0	644.19	22,791	2,734,973
3F0305	Formwork	m ²	1450.20	0	0	40.00	58,008	6,960,960
3F0306	Covering Concrete On Roof 60mm Thk w/Expansion Joint @3m	m ²	24.17	672	16242	85.00	2,054	262,776
					97,684		109,196	
TOTAL FOR SECTION 3F03								13,201,249

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3F05 MASONRY WORKS									
3F0501	Concrete Block 200mm Thk ,Including Lintel	m ²	234.41	0	0	41.00	9,611	1,153,297	
3F0502	Concrete Block 150mm Thk ,Including Lintel	m ²	88.78	0	0	26.52	2,354	282,533	
3F0503	Concrete Block 100mm Thk ,Including Lintel	m ²	10.08	0	0	25.07	253	30,325	
					0		12,218		
TOTAL FOR SECTION 3F05									1,466,155

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3F06 WATERPROOFING WORKS								
3F0601	Waterproof Membrane 3Layer Including Leveling Mortar	m ²	438.94	0	0	25	10,974	1,316,820
					0		10,974	
TOTAL FOR SECTION 3F06								1,316,820

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3F08 PLASTERING WORKS									
3F0801	Cement Mortar Plaster To Wall	m ²	890.98	0	0	9.64	8,589	1,030,686	
3F0802	Control Joint At External Wall W;20mm ,w/Calking	m	152.00	0	0	4.31	655	78,614	
3F0803	Hardener Finish On Cement Mortar	m ²	244.25	0	0	33.06	8,075	968,989	
3F0804	Waterproof Cement Mortar Plaster w/Wire Mesh	m ²	84.32	0	0	13.37	1,127	135,283	
3F0805	Waterproof Cement Mortar Plaster On Roof 30mm Thk	m ²	402.84	0	0	11.04	4,447	533,682	
3F0806	Curing Mortar 15mm Thk On Asphalt Waterproof Membrane	m ²	402.84	0	0	9.50	3,827	459,238	
3F0807	Colored Cement Spray	m ²	76.00	0	0	2.08	158	18,970	
					0		26,879		
TOTAL FOR SECTION 3F08									3,225,461

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3F10 PAINTING WORKS									
3F1001	Acrylic Emulsion Paint (Interior)	m ²	973.07	0	0	2.30	2,238	268,567	
3F1002	Acrylic Emulsion Paint (Exterior)	m ²	379.27	0	0	2.30	872	104,679	
3F1003	Oil Paint On Steel And Wooden Surface	m ²	86.90	0	0	3.24	282	33,787	
3F1004	Vinyl Emulsionpaint Paint On PVC Pipe	m ²	3.80	0	0	3.24	12	1,477	
				0			3,404		
TOTAL FOR SECTION 3F10									408,510

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)
				UNIT COST	AMOUNT	UNIT COST	AMOUNT	
3F11 CARPENTRY AND JOINERY WORKS								
3F1101	Wooden Door Frame	m	4.70	0	0	5.91	28	3,333
					0		28	
TOTAL FOR SECTION 3F11								3,333

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3F12 INTERIOR FINISHING WORKS									
3F1201	Cement Fiber Board w/Suspended Ceiling	m2	27.00	0	0	10.58	286	34,279	
TOTAL FOR SECTION 3F12								286	34,279

LA UNION PORT DEVELOPMENT PROJECT

US\$=¥120

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	FOREIGN CURRENCY (YEN)		LOCAL CURRENCY (US\$)		TOTAL AMOUNT IN (YEN)	
				UNIT COST	AMOUNT	UNIT COST	AMOUNT		
3F15 OUTDOOR WORKS									
3F1501	Open Drain Ditch w/Concrete Cover	m	10	0	0	30.00	300	36,000	
3F1502	Open Drain Ditch without/Concrete Cover	m	68	0	0	27.00	1,836	220,320	
3F1503	Gravel Pavement	m ³	19.55	0	0	93.92	1,836	220,336	
3F1504	Concrete Border Block	m	9.5	0	0	16.48	157	18,787	
3F1505	Net Fence H=2500mm,Including Gate And Foundation	m	29.5	0	0	60.38	1,781	213,745	
3F1506	Concrete Foundation Of Transformer And Equipment	LS	1		0		2,976	357,120	
3F1507	Cable Trench w/Concrete Cover	m	3	0	0	50.00	150	18,000	
					0		9,036		
TOTAL FOR SECTION 3F15									1,084,309