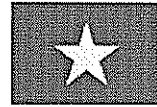




**THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT
PROJECT MANAGEMENT UNIT 85**



**Detailed Design Study
of
Cai Mep-Thi Vai International Terminals**

**DRAFT FINAL REPORT
QUANTITY CALCULATION SHEETS
(2/5)**

January 2006

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

QUANTITY CALCULATION COVER SHEET

Project	Detailed Design Study of Cai Mep-Thi Vai International Terminals
Location	Cai Mep International Container Terminal
Section	Building Works
Sub-Section	4. Building Works
Item of Calculation	4C Operation Building

Calculation Objective :

The quantity of the finish, the structure, the mechanical, and the electricity of a building is calculated, and it is a check.

References, Calculation Notes and Comments :

- 1) Building Finishing Works
 - 1-1) Building Works (B.Q) 1 ~ 6
 - 1-2) Finishing Works Total List 1 ~ 4
 - 1-3) Finishing Works 1 ~ 58
- 2) Building Structure Works
 - 2-1) Structure Works 1 ~ 65
 - 2-2) Earth Works 66 ~ 70
- 3) Mechanical Works
 - 3-1) Mechanical Works (B.Q) 1 ~ 3
 - 3-2) Mechanical Works Total List 1 ~ 3
 - 3-3) Mechanical Works 1 ~ 3
- 4) Electrical Works
 - 4-1) Electrical Works (B.Q) 1 ~ 8
 - 4-2) Electrical Works 1 ~ 15

Prepared		No. of Pages	Checked		Reviewed	
by	Date		by	Date	by	Date
N.T.Phuong	10-Jan-06	172	N.Yaegashi	10-Jan-06	N. Nagao	10-Jan-06

Detailed Design Study of Cai Mep-Thi Vai International Terminals

Cai Mep International Container Terminal

Building Works

4. Building Works

1) Building Finish Works

QUANTITY CALCULATION COVER SHEET

Project	Detailed Design Study of Cai Mep-Thi Vai International Terminals	
Package	Package 1 : Cai Mep International Container Terminal	
Division	Division 4	Building Works
Sub-Section	PAC1 - 4 - C	Operation Building

Item of Work	PAC1 - 4 - C.a	Building Works
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Summary of Quantities

ITEM NO.	DESCRIPTION	Unit	Quantity	Remarks
4-C	Operation Building			
4-C.a-2	Earth works			
4-C.a-2-1	Excavate surface trench and pit	cu.m	897.00	
4-C.a-2-2	Backfill / fill in layers and ram	cu.m	693.00	
4-C.a-2-3	Backfill in layers and ram	cu.m	210.00	
4-C.a-2-4	Remove surplus excavated material from site	cu.m	0.00	
4-C.a-2-5	Lay polyethylene membrane sheet under slab	sq.m.	386.00	
4-C.a-3	Piling works			
4-C.a-3-1	Supply, handle, pitch and drive Spun Cylindrical Prestressed Concrete Piles, including welding at joints, pile tip reinforcement, cut off pile head and pile head treatment, as shown in the drawing			
	a) 600 mm Dia. X 45 m long	no.	24.00	
	b) 500 mm Dia. X 45 m long	no.	34.00	
4-C.a-4	Concrete works			
4-C.a-4-1	Supply and place lean concrete Class G (fck'=14 N/mm2)	cu.m.	20.80	
4-C.a-4-2	Supply and place concrete Class DC (fck'=30 N/mm2) for roof floor slab and slab, footing and foundation, and structure frame such as Lintel, Column, Beam, Stairs, Wall,	cu.m.	1,023.00	
4-C.a-4-4	Supply, install and remove formwork including scaffolding	cu.m.	4,985.00	
4-C.a-4-5	Supply and place covering concrete Class G (fck'=14 N/mm2)	sq.m.	6.20	
4-C.a-4-6	Supply, install and place Polystyrene Foam	cu.m.	0.40	
4-C.a-4-7	Supply and install reinforcing bars over 16mm in dia.	t	37.70	
4-C.a-4-8	Supply and install reinforcing bars 16mm and less than 16mm in dia.	t	67.90	
4-C.a-5	Masonry works			
4-C.a-5-1	Supply and lay bricks for 190 mm thickness wall with a mortar joint	sq.m.	964.00	
4-C.a-5-2	Supply and lay bricks for 90 mm thickness wall with a mortar joint	sq.m.	1,456.00	
4-C.a-5-3	Supply and lay bricks tail for 10 mm thickness roof with a mortar joint (Doubles)	sq.m	863.00	
4-C.a-5-4	Supply and lay bricks tail for 10 mm thickness roof with a mortar joint	sq.m	367.00	
4-C.a-6	Waterproofing works			
4-C.a-6-1	Supply and apply asphalt coating for toilet	sq.m.	281.00	
4-C.a-6-2	Supply and apply asphalt coating for roof	sq.m.	1,094.00	
4-C.a-6-3	Supply and apply sealing at the end of waterproofing	l.m.	631.00	
4-C.a-6-4	Supply and apply sealing around door and window frames	l.m.	92.00	
4-C.a-6-5	Supply and apply sealing for placing joint	l.m.	78.60	

References and Comments :

Drawings No.

Prepared		No. of Pages	Checked		Reviewed	
by	Date		by	Date	by	Date
NGUYEN THANH PHUONG	9-Jan-06	1	N. Yaegashi	9-Jan-06	N. Nagao	9-Jan-06

QUANTITY CALCULATION COVER SHEET

Project	Detailed Design Study of Cai Mep-Thi Vai International Terminals	
Package	Package 1 : Cai Mep International Container Terminal	
Division	Division 4	Building Works
Sub-Section	PAC1 - 4 - C	Operation Building

Item of Work	PAC1 - 4 - C.a	Building Works
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Summary of Quantities

ITEM NO.	DESCRIPTION	Unit	Remarks
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Summary of Quantities

ITEM NO.	DESCRIPTION	Unit	Remarks
4-C.a-10	Plaster works (Exterior)		
4-C.a-10-1	Plaster plumb surface with mortar 15mm thick for wall	sq.m.	1,758.00
4-C.a-10-2	Plaster plumb surface with mortar 15mm thick for skirting	sq.m.	66.60
4-C.a-10-3	Plaster architrave frames with mortar, w=60 15mm thick	l.m.	350.00
4-C.a-10-4	Plaster architrave frames sill with mortar, w=60 15mm thick	l.m.	153.00
4-C.a-10-5	Plaster architrave frames with mortar for column w=315mm	l.m.	9.00
4-C.a-10-6	Plaster architrave frames with mortar for skating w=315mm	l.m.	9.00
4-C.a-10-7	Plaster architrave frames with mortar for parapet w=315mm	l.m.	356.00
4-C.a-10-8	Plaster architrave frames with mortar, w=50 (+15)	l.m.	356.00
4-C.a-10-9	Render roof with cement sand 30mm thick	sq.m.	10.10
4-C.a-10-10	Rendering parapet wall with cement sand 30mm thick	sq.m.	251.00
4-C.a-10-11	Rendering parapet with cement sand 30mm thick	sq.m.	247.00
4-C.a-10-12	Render skirting 100 mm height with cement sand 15 mm thick	l.m.	36.70
4-C.a-10-13	Render coping with cement sand W=180 15 mm thick	l.m.	16.70
4-C.a-10-14	Supply and place covering mortar with 60mm thick	sq.m.	863.00
4-C.a-10-15	Supply and place levelling mortar with 15mm thick for roof	sq.m.	1,711.00
4-C.a-10-16	Plaster plumb surface with mortar 15mm thick for ceiling (Interior)	sq.m.	558.00
4-C.a-10-17	Plaster plumb and soffit surface with mortar 15mm thick for wall	sq.m.	2,763.00
4-C.a-10-18	Render floor with cement sand 30mm thick	sq.m.	20.30
4-C.a-10-19	Render floor with cement sand screed trowel finish 30mm thick	sq.m.	34.50
4-C.a-10-20	Render skirting 100 mm height with cement sand 15 mm thick	sq.m.	60.40
4-C.a-10-21	Render skirting 100 mm height with colored cement 15 mm thick	sq.m.	825.00
4-C.a-10-22	Supply and place covering mortar with 40-70mm thick	sq.m.	130.00
4-C.a-10-23	Supply and place leveling mortar with 15mm thick for toilet	sq.m.	281.00
4-C.a-10-24	Plaster plumb surface with mortar 15mm thick for ceiling	sq.m.	251.00

References and Comments :

Drawings No.

Prepared		No. of Pages	Checked		Reviewed	
by	Date		by	Date	by	Date
NGUYEN THANH PHUONG	15-Sep-05	3	N. Yaegashi	15-Sep-05	N. Nagao	15-Sep-05

QUANTITY CALCULATION COVER SHEET

Project	Detailed Design Study of Cai Mep-Thi Vai International Terminals	
Package	Package 1 : Cai Mep International Container Terminal	
Division	Division 4	Building Works
Sub-Section	PAC1 - 4 - C	Operation Building

Item of Work	PAC1 - 4 - C.a	Building Works
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Summary of Quantities

ITEM NO.	DESCRIPTION	Unit	Quantity	Remarks
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Summary of Quantities

ITEM NO.	DESCRIPTION	Unit	Quantity	Remarks
4-C.a-11	Door and window works			
4-C.a-11-1	Supply and install stainless steel frame glass window and glass door with translucent glass and tempered glass door D1, 7670x3500 mm	no.	1.00	
4-C.a-11-2	Supply and install steel flush glass door and wired figured glass D2, 1800x2150 mm	no.	3.00	
4-C.a-11-3	Supply and install steel flush glass door and wired transparent glass D2, 1800x2150 mm	no.	10.00	
4-C.a-11-4	Supply and install steel flush glass door and wired transparent glass D3, 1800x2150 mm	no.	1.00	
4-C.a-11-5	Supply and install steel flush glass door and wired figured glass D4, 1200x2150 mm	no.	1.00	
4-C.a-11-6	Supply and install steel flush glass door and wired transparent glass D4, 1200x2150 mm	no.	4.00	
4-C.a-11-6	Supply and install steel flush glass door and wired transparent glass D5, 1200x2700 mm	no.	2.00	
4-C.a-11-7	Supply and install steel flush glass door and wired transparent glass D6, 900x2150 mm	no.	3.00	
4-C.a-11-8	Supply and install steel flush glass door and wired figured glass D6, 900x2150 mm	no.	11.00	
4-C.a-11-9	Supply and install steel flush glass door and wired figured glass D7, 750x2150 mm	no.	16.00	
4-C.a-11-10	Supply and install steel flush door D8, 1200x2150 mm	no.	4.00	
4-C.a-11-11	Supply and install steel flush door D9, 900x2150 mm	no.	1.00	
4-C.a-11-12	Supply and install aluminium glass door with wired transparent glass D10, 1200x2150 mm	no.	1.00	
4-C.a-11-13	Supply and install aluminium glass door with wired figured glass D11, 900x2150 mm	no.	2.00	
4-C.a-11-14	Supply and install plywood flush door D12, 600x2000 mm	no.	15.00	
4-C.a-11-15	Supply and install plywood flush door D13, 900x2000 mm	no.	4.00	
4-C.a-11-16	Supply and install steel flush door D14, 600x600 mm	no.	4.00	
4-C.a-11-17	Supply and install steel flush door D15, 600x900 mm	no.	1.00	
4-C.a-11-18	Supply and install aluminium horizontal sliding window and heat reflecting glass (mirror) W1a, 3270x1400 mm	no.	2.00	
4-C.a-11-19	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W1b, 3270x1150 mm	no.	6.00	
4-C.a-11-20	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W2a, 2470x1400 mm	no.	10.00	
4-C.a-11-21	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W2b, 2470x1150 mm	no.	15.00	

References and Comments :

Drawings No.

Prepared		No. of Pages	Checked		Reviewed	
by	Date		by	Date	by	Date
NGUYEN THANH PHUONG	15-Sep-05	4	N. Yaegashi	15-Sep-05	N. Nagao	15-Sep-05

QUANTITY CALCULATION COVER SHEET						
Package	Package 1 : Cal Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG			
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi			
Item of Work	Operation Building	Date	9-Jan-06			
ITEM NO.	DESCRIPTION	Unit				
4-C	Operation Building					
4-C.a-2	Earth works					
4-C.a-2-1	Excavate surface trench and pit	cu.m	896.57		896.57	
4-C.a-2-2	Backfill / fill in layers and ram	cu.m	692.59		692.59	
4-C.a-2-3	Backfill in layers and ram with carry	cu.m	209.87		209.87	
4-C.a-2-4	Remove surplus excavated material from site	cu.m	0.00			
4-C.a-2-5	Lay polyethylene membrane sheet under slab	sq.m.	386.28		386.28	
4-C.a-3	Piling works					
4-C.a-3-1	Supply, handle, pitch and drive Spun Cylindrical Prestressed Concrete Piles, including welding at joints, pile tip reinforcement, cut off pile head and pile head treatment, as shown in the drawing					
	a) 600 mm Dia. X 40 m long	no.	24.00		24.00	
	b) 500 mm Dia. X 40 m long	no.	34.00		34.00	
4-C.a-4	Concrete works					
4-C.a-4-1	Supply and place lean concrete Class G (fck'=14 N/mm2)	cu.m.	20.80		20.80	
4-C.a-4-2	Supply and place concrete Class DC (fck'=30 N/mm2) for roof floor slab and slab, footing and foundation, and structure frame such as Lintel, Column, Beam, Stairs, Wall,	cu.m.	1,022.88	1,121.46	18.32	13.10
4-C.a-4-4	Supply, install and remove formwork including scaffolding	sq.m.	4,985.17	6,025.06	192.89	291.22
4-C.a-4-5	Supply and place covering concrete Class G (fck'=14 N/mm2)	sq.m.	6.21	6.21		
4-C.a-4-6	Supply, install and place Polystyrene Foam	sq.m.	0.43		0.43	
4-C.a-4-7	Supply and install reinforcing bars over 16mm in dia.	t	37.70		37.70	
4-C.a-4-8	Supply and install reinforcing bars 16mm and less than 16mm in dia.	t	67.91		67.91	
4-C.a-5	Masonry works					
4-C.a-5-1	Supply and lay bricks for 190 mm thickness wall with a mortar joint	sq.m.	964.47	939.63	24.84	
4-C.a-5-2	Supply and lay bricks for 90 mm thickness wall with a mortar joint	sq.m.	1,456.10	66.19	1,279.4	192.40
				118.02		
4-C.a-5-3	Supply and lay bricks tail for 10 mm thickness roof with a mortar joint (Doubles)	sq.m	863.30		863.30	
4-C.a-5-4	Supply and lay bricks tail for 10 mm thickness roof with a mortar joint	sq.m	367.10		367.10	
4-C.a-6	Waterproofing works					
4-C.a-6-1	Supply and apply asphalt coating for toilet	sq.m.	280.62	164.74	115.88	
4-C.a-6-2	Supply and apply asphalt coating for roof	sq.m.	1,094.19	863.30	230.89	
4-C.a-6-3	Supply and apply sealing at the end of waterproofing	l.m.	630.50	149.48	481.02	
4-C.a-6-4	Supply and apply sealing around door and window frames	l.m.	91.98		91.98	
4-C.a-6-5	Supply and apply sealing for placing joint	l.m.	78.60	78.60		
4-C.a-7	Stone and tile works					
4-C.a-7-1	Supply and lay ceramic floor tile, 200 x 200 mm	sq.m.	130.27	130.27		
4-C.a-7-2	Supply and lay ceramic floor tile, 300 x 300 mm	sq.m.	690.17	690.17		
4-C.a-7-3	Supply and lay ceramic wall tile, 150 x 200 mm	sq.m.	700.73	700.73		
4-C.a-7-5	Supply and lay precast terrazzo tile, 300 x 300 mm 25mm thick with rubbed finish for step	sq.m.	119.07	119.07		
			0.00			
4-C.a-7-6	Supply and lay precast terrazzo tile, 500 x 500 mm 25mm thick for floor	sq.m.	291.14	277.88	13.26	
4-C.a-7-8	Supply and lay precast terrazzo tile, 300 x 300 mm 25mm thick with rubbed finish for floor	sq.m.	143.73	122.78	20.95	
4-C.a-7-8	Supply and lay precast terrazzo tile, 300 x 300 mm 25mm thick with rubbed finish for slope	sq.m.	8.60		8.60	
4-C.a-7-9	Supply and lay precast terrazzo tile, 25mm thick w=200 with rubbed finish for counter top of pipe space	l.m.	42.25	42.25		
4-C.a-7-10	supply and lay granite counter, W=500 H=155 25mm thick		3.60	3.60		
4-C.a-7-11	Supply and lay precast terrazzo for coping w=180	l.m.	4.30		4.30	
4-C.a-7-12	Supply and lay precast terrazzo for doors sill, 100x25	l.m.	12.75		12.75	

QUANTITY CALCULATION COVER SHEET							
Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG				
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi				
Item of Work	Operation Building	Date	9-Jan-06				
ITEM NO.	DESCRIPTION	Unit					
4-C.a-7-13	Supply and install precast terrazzo for the handrail below, 130x25 mm	l.m.	81.23	81.23			
4-C.a-8	Carpentry works						
4-C.a-8-1	Conduct carpentry and joinery works of door frames, 140 x 40 mm	l.m.	88.60		88.60		
4-C.a-8-2	Conduct carpentry and joinery works of window trim, 75 x 25 mm	l.m.	390.42	390.42			
4-C.a-9	Metal works						
4-C.a-9-1	Supply and install 200x200mm wire mesh with 3.2mm dia.	sq.m.	1,028.04	164.74	863.30		
4-C.a-9-2	Ditto, stainless steel ladder	no.	1.00		1.00		
4-C.a-9-3	Supply and install 150 mm dia. roof drain	no.	32.00		32.00		
4-C.a-9-4	Supply and install lighting gauge steel frame for ceiling	sq.m.	164.74	34.47	130.27		
4-C.a-9-5	Supply and install aluminium angle L-30x30x1.5mm thickness	l.m.	453.90		453.90		
4-C.a-9-6	Supply and install opening frame with counter steel plate W=140 1.2mm thick	l.m.	5.94	5.94			
4-C.a-9-7	Supply and install stainless steel handrail H=900	l.m.	39.23	39.23			
4-C.a-9-8	Supply and install stainless steel handrail H=900 for slanting	l.m.	76.16	76.16			
4-C.a-9-9	Supply and install stainless steel handrail H=500	l.m.	265.40		265.40		
4-C.a-9-10	Supply and install stainless steel handrail H=750	l.m.	118.80		118.80		
4-C.a-9-11	Ditto, joint brass plate 5x25 mm	l.m.	16.39	16.39			
4-C.a-10	Plaster works (Exterior)						
4-C.a-10-1	Plaster plumb surface with mortar 15mm thick for wall	sq.m.	1,758.06		1,758.06		
4-C.a-10-2	Plaster plumb surface with mortar 15mm thick for skirting	sq.m.	66.60		66.60		
4-C.a-10-3	Plaster architrave frames with mortar, w=60 15mm thick	l.m.	350.35		350.35		
4-C.a-10-4	Plaster architrave frames sill with mortar, w=60 15mm thick	l.m.	153.15		153.15		
4-C.a-10-5	Plaster architrave frames with mortar for column w=315mm	l.m.	8.96		8.96		
4-C.a-10-6	Plaster architrave frames with mortar for skating w=315mm	l.m.	8.96		8.96		
4-C.a-10-7	Plaster architrave frames with mortar for parapet w=315mm	l.m.	355.70		355.70		
4-C.a-10-8	Plaster architrave frames with mortar, w=50 (+15)	l.m.	355.70		355.70		
4-C.a-10-9	Render roof with cement sand 30mm thick	sq.m.	10.11		10.11		
4-C.a-10-10	Rendering parapet wall with cement sand 30mm thick	sq.m.	251.38		58.98	192.40	
4-C.a-10-11	Rendering parapet with cement sand 30mm thick	sq.m.	247.32		247.32		
4-C.a-10-12	Render skirting 100 mm height with cement sand 15 mm thick	l.m.	36.70		36.70		
4-C.a-10-13	Render coping with cement sand W=180 15 mm thick	l.m.	16.65		16.65		
4-C.a-10-14	Supply and place covering mortar with 60mm thick	sq.m.	863.30		863.30		
4-C.a-10-15	Supply and place levelling mortar with 15mm thick for roof	sq.m.	1,711.42		1,230.40	481.02	
4-C.a-10-16	Plaster plumb surface with mortar 15mm thick for ceiling (Interior)	sq.m.	557.79		557.79		
4-C.a-10-17	Plaster plumb and soffit surface with mortar 15mm thick for wall	sq.m.	2,762.99	2,462.11	183.93	116.95	
4-C.a-10-18	Render floor with cement sand 30mm thick	sq.m.	20.32		20.32		
4-C.a-10-19	Render floor with cement sand screed trowel finish 30mm thick	sq.m.	34.47		34.47		
4-C.a-10-20	Render skirting 100 mm height with cement sand 15 mm thick	sq.m.	60.43	19.89	40.54		
4-C.a-10-21	Render skirting 100 mm height with colored cement 15 mm thick	sq.m.	825.23	825.23			
4-C.a-10-22	Supply and place covering mortar with 40-70mm thick	sq.m.	130.27		130.27		
4-C.a-10-23	Supply and place leveling mortar with 15mm thick for toilet	sq.m.	280.62	164.74	115.88		
4-C.a-10-24	Plaster plumb surface with mortar 15mm thick for ceiling	sq.m.	251.30	251.30			

QUANTITY CALCULATION COVER SHEET							
Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG				
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi				
Item of Work	Operation Building	Date	9-Jan-06				
ITEM NO.	DESCRIPTION	Unit					
4-C.a-11	Door and window works						
4-C.a-11-1	Supply and install stainless steel frame glass window and glass door with translucent glass and tempered glass door D1, 7670x3500 mm	no.	1.00	1.00			
4-C.a-11-2	Supply and install steel flush glass door and wired figured glass D2, 1800x2150 mm	no.	3.00	3.00			
4-C.a-11-3	Supply and install steel flush glass door and wired transparent glass D2, 1800x2150 mm	no.	10.00	10.00			
4-C.a-11-4	Supply and install steel flush glass door and wired transparent glass D3, 1800x2150 mm	no.	1.00	1.00			
4-C.a-11-5	Supply and install steel flush glass door and wired figured glass D4, 1200x2150 mm	no.	1.00	1.00			
4-C.a-11-6	Supply and install steel flush glass door and wired transparent glass D4, 1200x2150 mm	no.	4.00	4.00			
4-C.a-11-6	Supply and install steel flush glass door and wired transparent glass D5, 1200x2700 mm	no.	2.00	2.00			
4-C.a-11-7	Supply and install steel flush glass door and wired transparent glass D6, 900x2150 mm	no.	3.00	3.00			
4-C.a-11-8	Supply and install steel flush glass door and wired figured glass D6, 900x2150 mm	no.	11.00	11.00			
4-C.a-11-9	Supply and install steel flush glass door and wired figured glass D7, 750x2150 mm	no.	16.00	16.00			
4-C.a-11-10	Supply and install steel flush door D8, 1200x2150 mm	no.	4.00	4.00			
4-C.a-11-11	Supply and install steel flush door D9, 900x2150 mm	no.	1.00	1.00			
4-C.a-11-12	Supply and install aluminium glass door with wired transparent glass D10, 1200x2150 mm	no.	1.00	1.00			
4-C.a-11-13	Supply and install aluminium glass door with wired figured glass D11, 900x2150 mm	no.	2.00	2.00			
4-C.a-11-14	Supply and install plywood flush door D12, 600x2000 mm	no.	15.00	15.00			
4-C.a-11-15	Supply and install plywood flush door D13, 900x2000 mm	no.	4.00	4.00			
4-C.a-11-16	Supply and install steel flush door D14, 600x600 mm	no.	4.00	4.00			
4-C.a-11-17	Supply and install steel flush door D15, 600x900 mm	no.	1.00	1.00			
4-C.a-11-18	Supply and install aluminium horizontal sliding window and heat reflecting glass (mirror) W1a, 3270x1400 mm	no.	2.00	2.00			
4-C.a-11-19	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W1b, 3270x1150 mm	no.	6.00	6.00			
4-C.a-11-20	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W2a, 2470x1400 mm	no.	10.00	10.00			
4-C.a-11-21	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W2b, 2470x1150 mm	no.	15.00	15.00			
4-C.a-11-22	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W3a, 1200x1400 mm	no.	4.00	4.00			
4-C.a-11-23	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W3b, 1200x1150 mm	no.	14.00	14.00			
4-C.a-11-24	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W4a, 2470x900 mm	no.	2.00	2.00			
4-C.a-11-25	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W4b, 2470x650 mm	no.	1.00	1.00			
4-C.a-11-26	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W5a 1200x900 mm	no.	3.00	3.00			
4-C.a-11-27	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W5b 1200x650 mm	no.	18.00	18.00			
4-C.a-11-28	Ditto, aluminium horizontal sliding window and transparent glass, W6, 600x900 mm	no.	1.00	1.00			
4-C.a-11-29	Ditto, aluminium fixed louver W7, 1300x800 mm	no.	1.00	1.00			
4-C.a-11-30	Ditto, aluminium fixed louver W8, 1400x600 mm	no.	1.00	1.00			

QUANTITY CALCULATION COVER SHEET							
Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG				
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi				
Item of Work	Operation Building	Date	9-Jan-06				
ITEM NO.	DESCRIPTION	Unit					
4-C.a-11-31	Ditto, aluminium horizontal sliding window and heat reflecting glass (mirror) W9 3200x1150 mm	no.	2.00	2.00			
4-C.a-11-32	Ditto, movable partitioning wall 5585x2900 mm	no.	1.00	1.00			
4-C.a-11-33	Filling waterproofing cement mortar around door frame and window frames	l.m.	1,016.78	1,016.78			
4-C.a-12	Painting works (Exterior)						
4-C.a-12-1	Supply, rub down and apply emulsion paint for plastered surface (Interior)	sq.m.	2,524.73	66.60	1,900.34	557.79	
4-C.a-12-2	Supply, rub down and apply emulsion paint for plastered surface	sq.m.	2,713.41	2,462.11	251.30		
4-C.a-12-3	Supply, rub down and apply vinyl paint for plastered surface	sq.m.	151.42	116.95	34.47		
4-C.a-12-4	Supply, rub down and apply oil paint for wooden materials for trim W=110 (Others)	l.m.	390.42	390.42			
4-C.a-12-5	Supply, rub down and apply oil paint for steel materials	sq.m.	371.54	371.54			
4-C.a-12-6	Supply, rub down and apply oil paint for wooden materials	sq.m.	52.20	52.20			
4-C.a-12-7	Supply, rub down and apply oil paint for Down Pipe materials (PVC D150)	sq.m.	135.60		135.60		
4-C.a-13	Finishing works						
4-C.a-13-1	Supply and install gypsum ceiling 12mm thick with System ceiling	sq.m.	1,013.20	999.94	13.26		
4-C.a-13-2	Supply and install calcium silicate board 6mm thick with System ceiling	sq.m.	64.77	64.77			
4-C.a-13-3	Supply and install calcium silicate board 6mm thick	sq.m.	34.47	34.47			
4-C.a-13-4	Supply and install plastic ceiling 10mm thick	sq.m.	130.27	130.27			
4-C.a-13-5	Supply and install Elevated floor with Carpet H=150	sq.m.	41.08	41.08			
4-C.a-13-5	Supply and install Elevated floor with Carpet H=350	sq.m.	91.72	91.72			
4-C.a-14	Other works						
4-C.a-14-1	Supply and install wood curtain boxes and curtain rails	l.m.	102.56	102.56			
4-C.a-14-2	Supply and install sink for kitchenette	no.	3.00	3.00			
4-C.a-14-3	Supply and install sink for kitchenette	no.	1.00	1.00			
4-C.a-14-4	Supply and install Vanity unit for toilet L=1800	no.	2.00	2.00			
4-C.a-14-5	Supply and install Vanity unit for toilet L=1700	no.	4.00	4.00			
4-C.a-14-6	Supply and install Vanity unit for toilet L=1500	no.	1.00	1.00			
4-C.a-14-7	Supply and install Vanity unit for toilet L=900	no.	1.00	1.00			
4-C.a-14-8	Supply and install water block=150,W=140 cement trowel finish	no.	2.32	2.32			
4-C.a-14-9	Supply and install stainless steel grating and angle (nonslip) W=250,H=25	l.m.	4.50	4.50			
4-C.a-14-10	Supply and install Down Pipe PVC D-150	l.m.	135.60		135.60		
4-C.a-14-11	Supply and install rain water splash block	no.	16.00		16.00		
4-C.a-14-12	Supply and install stairs from concrete are made. Type 1	no.	3.00		3.00		
4-C.a-14-13	Supply and install stairs from concrete are made. Type 2	no.	1.00		1.00		

Package		Package 1 : Cai Mep International Container Terminal														Prepared by		NGUYEN THANH PHUONG						
Division / Item		Division 4 : Building Works / C														Checked by		N. Yaegashi						
Item of Work		Operation Building														Date		15-Sep-05						
INTERNAL Finishing TOTAL	Quantity	Meeting Room 1 GF	Waiting Room 1 GF	First-Aid GF	Security Room GF	Office room GF	Store GF	Store GF	Cleaners GF	Kitchen te GF	Entrance & Lobby GF	Office 1F	Locker Room 1 1F	Locker Room 2 1F	Store	Rest Room	Locker Room 3 1F	Cleaners 1F	Kitchen te 1F	Dining Room 1F	Kitchen 1F	Store		
Foor works																								
Ceramic Tile Floor(300x300)	690.17	22.41	13.62	17.58	12.65	133.87	11.71	6.83	8.67	9.17							8.01	7.50	7.21	52.93		4.33		
Precast terazzo (500x500)	277.88										150.42	63.90	13.23	8.01	25.91	16.41								
Precast Terrazzo THK=25 300x300	122.78																							
Leveling Mortar THK=15	164.74																					34.47		
Asphalt Waterproofing	164.74																					34.47		
Covering cement sand THK=40-70	130.27																							
Wire mesh 32dai 200x200	164.74																					34.47		
Ceramic Tile floor 200x200	130.27																							
Covering concrete THK=140-170	6.21																					5.52	0.69	
Cemet sand screed trowel finish THK=30	34.47																					34.47		
Elevated floor with Carpet H=150	41.08																							
Elevated floor with Carpet H=350	91.72																							
Cement Sand THK=30	20.32																					1.16		
Precast Terrazzo Step THK=25	119.07																							
Joit brass plate 5x25	16.39																							
Skirting works																								
Coloured cement floating(Local)H=100	825.23	18.16	13.88	18.86	13.08	58.12	12.66	11.86			61.83	33.60	14.06	10.44	18.66	16.18	10.44				29.96		7.70	
Leveling Mortar THK=15	115.88																						15.23	
Asphalt Waterproofing	115.88																						15.23	
end of waterproofing	149.48																						26.44	
Cemet sand screed trowel finish THK=30 H=100	19.89																						15.23	4.66
Cement Sand H=100	40.54																							
Wall works																								
Cement Sand THK=15 Lime Plaster Smooth finish E.P	2462.11	52.10	40.51	52.59	37.81	152.15	38.35	35.34			206.56	80.98	37.20	29.90	50.76	41.75	28.52				72.05		32.13	
Cement Sand THK=15 Lime Plaster Smooth finish VP	116.95								9.05	9.38								5.12	5.02				7.62	
Cement Sand THK=15	183.93																						18.05	
Ceramic Tile(150x200)	700.73								26.20	25.01								21.56	21.50	4.18	29.36			
Wainscot wall Brick THK=90	66.19																							
Booth wall Brick THK=90	118.02																							

Package		Package 1 : Cai Mep International Container Terminal														Prepared by		NGUYEN THANH PHUONG				
Division / Item		Division 4 : Building Works / C														Checked by		N. Yaegashi				
Item of Work		Operation Building														Date		15-Sep-05				
INTERNAL Finishing TOTAL	Quantity	Meeting Room 1 GF	Waiting Room 1 GF	First-Aid GF	Security Room GF	Office room GF	Store GF	Store GF	Cleaners GF	Kitchenette GF	Entrance & Lobby GF	Office 1F	Locker Room 1 1F	Locker Room 2 1F	Store	Rest Room	Locker Room 3 1F	Cleaners 1F	Kitchenette 1F	Dining Room 1F	Kitchen 1F	Store
Celling works																						
Gypsum Board THK=12 (System Ceiling)	999.94	22.41	13.62	17.58	12.65	133.87					126.03	63.90	13.23	8.01			8.01			52.93		
Cement Sand THK=15 Lime Plaster Smooth finish E.P	251.30						11.71	6.83							25.91	16.41						4.33
Calcium Silicate Board THK=6 EP (System Ceiling)	64.77								8.67	9.17								7.50	7.21			
Calcium Silicate Board THK=6 VP Light gauge steel ground	34.47																				34.47	
Plastic Board THK=10 Light gauge steel ground	130.27																					
Others works																						
Wooden Trim 75x25 OP	390.42	12.94	7.74	18.14	10.74	18.68	8.40					37.80	7.24		7.24	11.94	4.70	8.40		17.40	17.18	
Wooden Trim OP W=110	390.42	12.94	7.74	18.14	10.74	18.68	8.40					37.80	7.24		7.24	11.94	4.70	8.40		17.40	17.18	
Wooden Curtain Box t=25 200x200 OP	102.56	4.47	2.87	2.87	3.87	24.56						15.15	2.87			4.47	1.60			7.20		
Movable partitioning wall 5585x2900	1.00																					
Sink 2400x790x1000 and Wainscot Coping	3.00									1.00												
Sink 1950x790x1000 and Wainscot Coping	1.00																		1.00			
Granito counter THK=25 W=500 H=155	3.60																					3.60
Opening flame with Counter Steel Plate THK=1.2 OP	5.94																					5.94
Wainscot Coping Precast terrazzo W=200	42.25																					1.00
Water block H=150W=140 Cement sand Screed Trowel Finish	2.32																					2.32
Stainless Grating & Support Angle (Nonslip)W=250xH=25	4.50																					4.50
Vanity unit L=1710	4.00																					
Vanity unit L=1800	2.00																					
Vanity unit L=900	1.00																					
Vanity unit L=1500	1.00																					
Steel Handrail H=900	39.23																					
Steel Handrail H=900	76.16																					
Precast Terrazzo 130x25 Capping	81.23																					

Package		Package 1 : Cai Mep International Container Terminal												Prepared by		NGUYEN THANH PHUONG						
Division / Item		Division 4 : Building Works / E												Checked by		N. Yaegashi						
Item of Work		Operation Building												Date		15-Sep-05						
INTERNAL Finishing TOTAL	Quantity	Corridor 1F	Conference room Meeting	Director 2F	Cleaners 2F	Kitchenette 2F	Store	Corridor 2F	Operatin Room 3F	Store	Cleaners 3F	Kitchenette 3F	Corridor 3F	Toilet M GF	Toilet M 2F	Toilet W GF	Toilet W 2F	Toilet WM 3F	Toilet and shower	Toilet and shower	Staircase (1)	Staircase (2)
Foor works																						
Ceramic Tile Floor(300x300)	690.17	99.84	92.28		6.63	10.46	6.10	73.04		26.24	7.88	7.25	43.96									
Precast terzzo (500x500)	277.88																				32.77	90.01
Precast Terrazzo THK=25 300x300	122.78																					
Leveling Mortar THK=15	164.74													17.68	17.68	16.32	16.32	16.32	16.32	29.63		
Asphalt Waterproofing	164.74													17.68	17.68	16.32	16.32	16.32	16.32	29.63		
Covering cement sand THK=40-70	130.27													17.68	17.68	16.32	16.32	16.32	16.32	29.63		
Wire mesh 32dai 200x200	164.74													17.68	17.68	16.32	16.32	16.32	16.32	29.63		
Ceramic Tile floor 200x200	130.27													17.68	17.68	16.32	16.32	16.32	16.32	29.63		
Covering concrete THK=140-170	6.21																					
Cemet sand screed trowel finish THK=30	34.47																					
Elevated floor with Carpet H=150	41.08			41.08																		
Elevated floor with Carpet H=350	91.72								91.72													
Cement Sand THK=30	20.32													0.64	0.64	4.31	4.31	4.31	4.31	0.64		
Precast Terrazzo Step THK=25	119.07																				43.30	75.77
Joit brass plate 5x25	16.39																				9.64	6.75
Skirting works																						
Coloured cement floating(Local)H=100	825.23	71.64	41.00	24.06			9.26	49.74	42.60	19.18				38.55							87.24	92.47
Leveling Mortar THK=15	115.88													10.80	10.80	9.43	9.43	6.68	17.57	35.94		
Asphalt Waterproofing	115.88													10.80	10.80	9.43	9.43	6.68	17.57	35.94		
end of waterproofing	149.48													19.64	19.64	16.16	16.16	12.02	16.16	23.26		
Cemet sand screed trowel finish THK=30 H=100	19.89																					
Cement Sand H=100	40.54													3.54	3.54	7.48	7.48	7.48	7.48	3.54		
Wall works																						
Cement Sand THK=15 Lime Plaster Smooth finish E.P	2462.11	211.10	97.27	59.28			38.44	145.67	103.10	62.69				113.16							189.07	453.63
Cement Sand THK=15 Lime Plaster Smooth finish VP	116.95				4.82	6.51					5.31	5.05		8.64	5.40	7.54	4.72	6.01	8.79	17.97		
Cement Sand THK=15	183.93													14.69	14.69	33.77	31.26	26.23	31.26	13.98		
Ceramic Tile(150x200)	700.73				20.78	26.39					23.81	21.24		43.38	43.38	55.92	55.92	51.94	69.50	160.66		
Wainscot wall Brick THK=90	66.19													7.13	7.13	6.91	6.91	7.46	9.74	20.91		
Booth wall Brick THK=90	118.02													9.51	9.51	17.28	17.28	12.34	14.30	37.80		

Package		Package 1 : Cai Mep International Container Terminal														Prepared by		NGUYEN THANH PHUONG				
Division / Item		Division 4 : Building Works / E														Checked by		N. Yaegashi				
Item of Work		Operation Building														Date		15-Sep-05				
INTERNAL Finishing TOTAL	Quantity	Corridor 1F	Conference room Meeting	Director 2F	Cleaners 2F	Kitchenette 2F	Store	Corridor 2F	Operatin Room 3F	Store	Cleaners 3F	Kitchenette 3F	Corridor 3F	Toilet M GF	Toilet M 2F	Toilet W GF	Toilet W 2F	Toilet WM 3F	Toilet and shower	Toilet and shower	Staircase (1)	Staircase (2)
Celling works																						
Gypsum Board THK=12 (System Ceiling)	999.94	99.84	92.28	41.08				73.04	91.72				43.96								54.73	31.05
Cement Sand THK=15 Lime Plaster Smooth finish E.P	251.30						6.10			26.24											44.94	108.83
Calcium Silicate Board THK=6 EP (System Ceiling)	64.77				6.63	10.46					7.88	7.25										
Calcium Silicate Board THK=6 VP Light gauge steel ground	34.47																					
Plastic Board THK=10 Light gauge steel ground	130.27													17.68	17.68	16.32	16.32	16.32	16.32	29.63		
Others works																						
Wooden Trim 75x25 OP	390.42	9.40	46.64	28.96	7.40	7.40	7.40	34.70	17.68	18.50	3.70		20.10									
Wooden Trim OP W=110	390.42	9.40	46.64	28.96	7.40	7.40	7.40	34.70	17.68	18.50	3.70		20.10									
Wooden Curtain Box t=25 200x200 OP	102.56		18.82	9.41					4.40													
Movable partitioning wall 5585x2900	1.00		1.00																			
Sink 2400x790x1000 and Wainscot Coping	3.00					1.00						1.00										
Sink 1950x790x1000 and Wainscot Coping	1.00																					
Granito counter THK=25 W=500 H=155 Opening flange with Counter Steel Plate THK=1.2 OP	5.94																					
Wainscot Coping Precast terrazzo W=200	42.25													5.09	5.09	4.94	4.94	5.33	5.03	10.83		
Water block H=150W=140 Cement sand Screed Trowel Finish	2.32																					
Stainless Grating & Support Angle (Nonslip)W=250xH=25	4.50																					
Vanity unit L=1710	4.00													1.00	1.00	1.00				1.00		
Vanity unit L=1800	2.00																1.00		1.00			
Vanity unit L=900	1.00																	1.00				
Vanity unit L=1500	1.00																	1.00				
Steel Handrail H=900	39.23																				34.73	4.50
Steel Handrail H=900	76.16																				38.08	38.08
Precast Terrazzo 130x25 Capping	81.23																				76.73	4.50

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Meeting Room 1 GF																		
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12 (System Ceiling)					Wooden Trim 75x25 OP				
	4.22	5.31	1	22.41	Cement Sand THK=15 Lime Plaster Smooth finish E.P					Floor				22.41	W2a	2.47	2	4.94	
			Q	22.41	Skirting	18.16	3.1	1	56.30				Q	22.41	W3a	1.20	2	2.4	
					D6	0.90	3.1	1	2.79							1.40	2	2.8	
Skirting					D6	0.90	2.05	-1	-1.85							Q		12.94	
Coloured cement floating(Local)H=100					W2a	2.47	1.4	-1	-3.46										
	4.22	1.00	2	8.44	W3a	1.2	1.4	-1	-1.68						Wooden Curtain Box t=25 200x200 OP				
	5.31	1.00	2	10.62				Q	52.10						OP				
D6	0.90	1.00	-1	-0.90											W2a	2.87	1	2.87	
			Q	18.16											W3a	1.6	1	1.6	
																	Q	4.47	

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Waiting Room 1 GF																		
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12 (System Ceiling)					Wooden Trim 75x25 OP				
	3.52	3.87	1	13.62	Cement Sand THK=15					Floor				13.62	W2a	2.47	2	4.94	
			Q	13.62	Lime Plaster Smooth finish E.P								Q	13.62		1.4	2	2.8	
					Skirting	13.88	3.1	1	43.03								Q	7.74	
Skirting					D6	0.90	3.1	1	2.79										
Coloured cement floating(Local)H=100					D6	0.90	2.05	-1	-1.85										
	3.52	1.00	2	7.04	W2a	2.47	1.4	-1	-3.46						Wooden Curtain Box t=25 200x200				
	3.87	1.00	2	7.74				Q	40.51						OP				
D6	0.90	1.00	-1	-0.90											W2a	2.87	1	2.87	
			Q	13.88													Q	2.87	

JICA DD Study Team assigned to JPC, PCI & IDS

Package		Package 1 : Cai Mep International Container Terminal								Prepared by		NGUYEN THANH PHUONG						
Division / Item		Division 4 : Building Works / C								Checked by		N. Yaegashi						
Item of Work		Operation Building								Date		15-Sep-05						
Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name	First-Aid GF																	
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12					Wooden Trim 75x25 OP			
	3.77	5.31	1	20.02	Cement Sand THK=15					(System Ceiling)					W2a	2.47	2	4.94
	1.2	2.03	-1	-2.44	Lime Plaster Smooth finish E.P					Floor				17.58		1.4	2	2.8
			Q	17.58	Skirting	18.86	3.1	1	58.47				Q	17.58	W3a	1.20	4	4.8
					D6	0.90	3.1	1	2.79							1.40	4	5.6
Skirting					D6	0.90	2.05	-1	-1.85								Q	18.14
Coloured cement floating(Local)H=100					W2a	2.47	1.4	-1	-3.46									
	3.77	1.00	2	7.54	W3a	1.2	1.4	-2	-3.36									
	5.31	1.00	2	10.62				Q	52.59						Wooden Curtain Box t=25 200x200			
	D6	0.90	1	-0.90											OP			
	PS	0.80	1	1.60											W2a	2.87	1	2.87
			Q	18.86											W3a	1.6	2	3.2
																	Q	2.87
Room name	Security Room GF																	
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12					Wooden Trim 75x25 OP			
	3.87	3.27	1	12.65	Cement Sand THK=15					(System Ceiling)					W2a	2.47	2	4.94
					Lime Plaster Smooth finish E.P					Floor				12.65		1.4	2	2.8
			Q	12.65	Skirting	13.08	3.1	1	40.55				Q	12.65	W6	0.6	2	1.2
					D4	1.20	3.1	1	3.72							0.9	2	1.8
					D4	1.20	2.05	-1	-2.46								Q	10.74
					W2a	2.47	1.4	-1	-3.46									
Skirting					W6	0.6	0.9	-1	-0.54									
Coloured cement floating(Local)H=100								Q	37.81						Wooden Curtain Box t=25 200x200			
	3.87	1.00	2	7.74											L=2.2m OP			
	3.27	1.00	2	6.54											W2a	2.87	1	2.87
	D4	1.20	1	-1.20											W6	1	1	1
			Q	13.08													Q	3.87

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Office room GF																		
Elevated floor with Carpet					Cement Sand THK=15					Gypsum Board THK=12					Wooden Trim 75x25 OP				
H=150	23.82	5.62	1	133.87	Lime Plaster Smooth finish E.P					(System Ceiling)					W1a	3.27	4	13.08	
						58.120	3.1	1	180.17	Floor				133.87		1.4	4	5.6	
			Q	133.87	D2	1.8	3.1	1	5.58				Q	133.87	W2a	2.47	12	29.64	
					D2	1.8	2.05	-1	-3.69							1.4	12	16.8	
Skirting					W1a	3.27	1.4	-2	-9.16								Q	18.68	
Coloured cement floating(Local)H=100					W2a	2.47	1.4	-6	-20.75										
	23.82		2	47.64				Q	152.15						Wooden Curtain Box t=25 200x200				
	5.62		2	11.24											OP				
D2	1.8		1	-5.40											W1a	3.67	2	7.34	
Colam	0.51		2	2.04											W2a	2.87	6	17.22	
PS	0.65		2	2.60													Q	24.56	
			Q	58.12															
Room name	Store GF																		
Ceramic Tile Floor(300x300)					Wall					Cement Sand THK=15 Lime Plaster Smooth finish E.P									
	2.92	4.01	1	11.71	Cement Sand THK=15					Floor				11.71	Wooden Trim 75x25 OP				
					Lime Plaster Smooth finish E.P										W5a	1.2	4	4.8	
			Q	11.71	Skirting	12.66	3.1	1	39.25				Q	11.71		0.9	4	3.6	
					D4	1.20	3.1	1	3.72										
Skirting					D4	1.20	2.05	-1	-2.46										
Coloured cement floating(Local)H=100					W5a	1.2	0.9	-2	-2.16								Q	8.40	
	2.92	1.00	2	5.84				Q	38.35										
	4.01	1.00	2	8.02															
D4	1.20	1.00	-1	-1.20															
			Q	12.66															

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name	Store GF				Wall					Ceiling								
Ceramic Tile Floor(300x300)	1.36	5.02	1	6.83	Cement Sand THK=15					Cement Sand THK=15								
			Q	6.83	Lime Plaster Smooth finish E.P					Lime Plaster Smooth finish E.P								
					D9	0.90	2.05	2	3.69									6.83
Skirting						5.02	2	2	20.08				Q	6.83				
Coloured cement floating(Local)H=100						3.18	1.35	1	4.29									
	1.36	1.00	2	2.72		1.36	2	1	2.72									
	5.02	1.00	2	10.04														
	D9	0.90	1.00	-1	-0.90													
								Q	35.34									
			Q	11.86														
Room name	Cleaners GF				Wall					Ceiling								
Ceramic Tile Floor(300x300)	3.66	2.37	1	8.67	Ceramic Tile(150x200)					Calcium Silicate Board THK=6 EP (System Ceilng)								
			Q	8.67	Skirting	11.31	2.3	1	26.01	Floor								8.67
					D7	0.75	2.3	1	1.73									
Skirting					D7	0.75	2.05	-1	-1.54									
Coloured cement floating(Local)H=100													Q	8.67				
	3.66	1.00	2	7.32				Q	26.20									
	2.37	1.00	2	4.74														
	D7	0.75	1.00	-1	-0.75	Cement Sand THK=15 Lime Plaster Smooth finish VP												
			Q	11.31	Skirting	11.31	0.8	1	9.05									
								Q	9.05									

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal									Prepared by	NGUYEN THANH PHUONG								
Division / Item	Division 4 : Building Works / C									Checked by	N. Yaegashi								
Item of Work	Operation Building									Date	15-Sep-05								
Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Kitchenette GF																		
Ceramic Tile Floor(300x300)					Wall					Caloium Silicoate Board THK=6 EP									
	3.87	2.37	1	9.17	Ceramic Tile(150x200)					(System Ceiling)									
			Q	9.17	Skirting	11.73	2.3	1	26.98	Floor				9.17					
					D7	0.75	2.3	1	1.73										
					D7	0.75	2.05	-1	-1.54										
					Sink	2.40	0.9	-1	-2.16					Q	9.17				
Skirting								Q	25.01										
Coloured cement floating(Local)H=100					Cement Sand THK=15														
	3.87	1.00	2	7.74	Lime Plaster Smooth finish VP														
	2.37	1.00	2	4.74	Skirting	11.73	0.8	1	9.38										
D7	0.75	1.00	-1	-0.75															
								Q	9.38										
			Q	11.73															
																	Q	1.00	
Room name	Sink 2400x790x1000 and Wainscot Coping																		
Concrete					Formwork														
ander	2.40	0.68	1	1.63		6.10	1	2	12.20										
side	0.68	0.72	2	0.98		2.40	0.1	2	0.48										
top	2.40	0.68	1	1.63															
	2.24	0.64	2	2.87				Q	12.68										
	2.24	0.45	-1	-1.01															
				6.10															
	6.10	0.08	1	0.49	Wall					Wainscot wall									
	2.40	0.25	0.1	0.06	Ceramic tile(100x100)					Brick THK=90									
			Q	0.55		2.40	1	1	2.40		2.40	0.15	1	0.36					
Ceramic tile(100x100)						0.60	0.8	2	0.96		0.90	0.15	1	0.14					
	2.24	0.6	1	1.34		0.60	0.6	2	0.72										
						1.40	0.15	2	0.42				Q	0.50					
			Q	1.34		0.60	0.6	2	0.72										
Granito THK=25,900x600						0.15	1	2	0.30										
			Q	1.00															
Granito THK=25, 1500x600 (Sink hole in)																			
			Q	1.00															
								Q	5.52										

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
Room name	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Entrance & Lobby GF					Wall					Gypsum Board THK=12								
Precast terzzo (500x500)					Cement Sand THK=15					(System Ceiling)								
	7.80	4.4	1	34.32	Lime Plaster Smooth finish E.P					Floor				150.42				
	3.71	1.36	1	5.05	Skirting	61.83	3.1	1	191.67									
	5.26	1.96	1	10.31	D1	7.67	3.1	1	23.78		5.82	4.19	-1	-24.39				
	8.23	8.11	1	66.75	D2	1.80	3.1	3	16.74				Q	126.03				
	4.45	2.16	1	9.61	D4	1.20	3.1	2	7.44									
	2.36	2.37	1	5.59	D5	1.20	3.1	1	3.72									
	8.7	2.16	1	18.79	D6	0.90	3.1	3	8.37									
					D7	0.75	3.1	4	9.30									
					D8	0.90	3.1	1	2.79									
			Q	150.42	D1	7.67	3.1	-1	-23.78									
					D2	1.80	2.05	-3	-11.07									
Skirting					D4	1.20	2.05	-2	-4.92									
Coloured cement floating(Local)H=100					D5	1.20	2.05	-1	-2.46									
	8.23	2	1	16.46	D6	0.90	2.6	-3	-7.02									
	4.45	2	1	8.90	D7	0.75	2.05	-4	-6.15									
	8.70	2	1	17.40	D8	0.90	2.05	-1	-1.85									
	2.36	2	1	4.72														
	3.71	2	1	7.42														
	5.26	2	1	10.52														
	8.11	2	1	16.22														
	4.4	1	1	4.40														
C	0.61	2	1	1.22				Q	206.56									
D1	7.67	1	-1	-7.67														
D2	1.80	1	-3	-5.40														
D4	1.20	1	-2	-2.40														
D5	1.20	1	-1	-1.20														
D6	0.90	1	-3	-2.70														
D7	0.75	1	-4	-3.00														
D8	0.90	1	-1	-0.90														
	2.16	1	-1	-2.16														
			Q	61.83														

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Office 1F																		
Ceramic Tile Floor(300x300)					Cement Sand THK=15					Gypsum Board THK=12					Wooden Trim 75x25 OP				
	11.37	5.62	1	63.90	Lime Plaster Smooth finish E.P					(System Ceiling)					W1b	3.27	2	6.54	
						33.60	2.8	1	94.08	Floor				63.90		1.15	2	2.3	
			Q	63.90	D2	1.8	2.8	1	5.04				Q	63.90	W2b	2.47	8	19.76	
					D6	0.9	2.8	1	2.52							1.15	8	9.2	
Skirting					D2	1.8	2.05	-1	-3.69										
Coloured cement floating(Local)H=100					D6	0.9	2.05	-1	-1.85								Q	37.80	
	11.37	2	1	22.74	W1b	3.27	1.15	-1	-3.76						Wooden Curtain Box t=25 200x200				
	5.62	2	1	11.24	W2b	2.47	1.15	-4	-11.36						OP				
	D2	1.8	1	-1.80				Q	80.98						W1b	3.67	1	3.67	
	D6	0.90	1	-0.90											W2b	2.87	4	11.48	
Column	0.51	2	1	1.02													Q	15.15	
PS	0.65	2	1	1.30															
			Q	33.60															
Room name	Locker Room 1 1F																		
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12					Wooden Trim 75x25 OP				
	4.61	2.87	1	13.23	Cement Sand THK=15					(System Ceiling)					W2b	2.47	2	4.94	
					Lime Plaster Smooth finish E.P					Floor				13.23		1.15	2	2.3	
			Q	13.23	Skirting	14.06	2.8	1	39.37				Q	13.23			Q	7.24	
					D6	0.90	2.8	1	2.52										
Skirting					D6	0.90	2.05	-1	-1.85						Wooden Curtain Box t=25 200x200				
Coloured cement floating(Local)H=100					W2b	2.47	1.15	-1	-2.84						OP				
	4.61	1.00	2	9.22											W2b	2.87	1	2.87	
	2.87	1.00	2	5.74				Q	37.20								Q	2.87	
	D6	0.90	1.00	-0.90															
			Q	14.06															

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Locker Room 2 1F																		
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12									
	3.01	2.66	1	8.01	Cement Sand THK=15					(System Ceiling)									
					Lime Plaster Smooth finish E.P					Floor				8.01					
			Q	8.01	Skirting	10.44	2.8	1	29.23				Q	8.01					
					D6	0.90	2.8	1	2.52										
Skirting					D6	0.90	2.05	-1	-1.85										
Coloured cement floating(Local)H=100																			
	3.01	1.00	2	6.02															
	2.66	1.00	2	5.32				Q	29.90										
D6	0.90	1.00	-1	-0.90															
			Q	10.44															
Room name	Store																		
Ceramic Tile Floor(300x300)					Wall					Cement Sand THK=15					Wooden Trim 75x25 OP				
	4.61	5.62	1	25.91	Cement Sand THK=15					Lime Plaster Smooth finish E.P					W2b	2.47	2	4.94	
					Lime Plaster Smooth finish E.P					Floor				25.91		1.15	2	2.3	
			Q	25.91	Skirting	18.66	2.8	1	52.25				Q	25.91			Q	7.24	
					D2	1.80	2.8	1	5.04										
Skirting					D2	1.80	2.05	-1	-3.69										
Coloured cement floating(Local)H=100					W2b	2.47	1.15	-1	-2.84										
	4.61	1.00	2	9.22															
	5.62	1.00	2	11.24				Q	50.76										
D2	1.8	1	-1	-1.80															
			Q	18.66															

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name	Sink 1950x790x1000 and Wainscot Coping																	
Concrete					Formwork													
ander	2.85	0.68	1	1.94		7.09	1	2	14.18									
side	0.68	0.72	2	0.98		2.85	0.1	2	0.57									
top	2.85	0.68	1	1.94														
	2.69	0.64	2	3.44				Q	14.75									
	2.69	0.45	-1	-1.21														
				7.09														
	7.09	0.08	1	0.57	Wall													
	2.85	0.25	0.1	0.07	Ceramic tile(100x100)													
			Q	0.64		2.85	1	1	2.85									
Ceramic tile(100x100)						0.60	0.8	2	0.96									
	2.69	0.6	1	1.61		0.60	0.6	2	0.72									
						1.40	0.15	2	0.42									
			Q	1.61		0.60	0.6	2	0.72									
Granito THK=25,900x600						0.15	1	2	0.30									
			Q	1.00														
Granito THK=25, 1950x600 (Sink hole in)																		
			Q	1.00														
								Q	5.97									
Room name	Dining Room 1F																	
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12					Wooden Trim 75x25 OP			
	11.47	5.31	1	60.91	Cement Sand THK=15					(System Ceiling)					W9	3.2	4	12.8
	3.01	2.65	-1	-7.98	Lime Plaster Smooth finish E.P					Floor			52.93		1.15	4	4.6	
			Q	52.93	Skirting	29.96	2.8	1	83.89							Q	17.40	
					D3	1.80	2.8	1	5.04									
					D6	0.90	2.8	1	2.52					Q	52.93	Wooden Curtain Box t=25 200x200		
					D11	0.90	2.8	2	5.04						L=2.2m OP			
Skirting					D3	1.80	2.05	-1	-3.69						W9	3.6	2	7.2
Coloured cement floating(Local)H=100					D6	0.90	2.05	-1	-1.85							Q	7.20	
	11.47	1	2	22.94	D11	0.90	2.05	-1	-1.85									
	5.31	1	2	10.62	W9	3.2	1.15	-2	-7.36	Ceramic Tile(150x200)								
D3	1.80	1	-1	-1.80		3.6	2.07	-1	-7.45		0.40	0.95	2	0.76				
D6	0.90	1	-1	-0.90		0.40	2.8	-2	-2.24		3.60	0.95	1	3.42				
D11	0.90	1	-1	-0.90				Q	72.05				Q	4.18				
			Q	29.96														

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name	Store																	
Ceramic Tile Floor(300x300)					Wall					Cement Sand THK=15								
	2.69	1.61	1	4.33	Cement Sand THK=15					Lime Plaster Smooth finish E.P								
					Lime Plaster Smooth finish E.P					Floor				4.33				
			Q	4.33	Skirting	7.70	3.95	1	30.42				Q	4.33				
					D11	0.90	3.95	1	3.56									
Cement Sand THK=30					D11	0.90	2.05	-1	-1.85									
PS	0.72	1.61	1	1.16														
			Q	1.16														
Skirting								Q	32.13									
Coloured cement floating(Local)H=100																		
	2.69	1.00	2	5.38														
	1.61	1.00	2	3.22	Cement Sand THK=15													
D11	0.90	1.00	-1	-0.90	PS	4.66	3.95	1	18.41									
					D14	0.60	0.6	-1	-0.36									
			Q	7.70														
Cement Sand H=100								Q	18.05									
PS	0.72	2.00	1	1.44														
	1.61	2.00	1	3.22														
			Q	4.66														
Covering concrete THK=140-170																		
	4.33	0.16	1	0.69														
			Q	0.69														

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name	Corridor 1F																	
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12					Wooden Trim 75x25 OP			
	20.20	2.16	1	43.63	Cement Sand THK=15					(System Ceiling)								
	1.51	2.75	1	4.15	Lime Plaster Smooth finish E.P					Floor				99.84				
	18.30	2.37	1	43.37	Skirting	71.64	2.8	1	200.59						W3b	1.2	4	4.8
	1.61	5.40	1	8.69	D2,3	1.80	2.8	3	15.12							1.15	4	4.6
					D6	0.90	2.8	8	20.16					Q			Q	9.40
					D7	0.75	2.8	4	8.40									
					D8	0.90	2.8	1	2.52									
			Q	99.84	D10	1.20	2.8	1	3.36									
					D2,3	1.80	2.05	-3	-11.07									
Skirting					D6	0.90	2.05	-8	-14.76									
Coloured cement floating(Local)H=100					D7	0.75	2.05	-4	-6.15									
	20.20	1.00	2	40.40	D8	0.90	2.05	-1	-1.85									
	2.16	1.00	2	4.32	D10	1.20	2.05	-1	-2.46									
	2.75	1.00	2	5.50	W3b	1.20	1.15	-2	-2.76									
	18.30	1.00	2	36.60														
	2.37	1.00	2	4.74				Q	211.10									
	5.40	1.00	2	10.80														
C	0.61	2.00	2	2.44														
Stair	7.73	1.00	-2	-15.46														
D2,3	1.80	1.00	-3	-5.40														
D6	0.90	1.00	-8	-7.20														
D7	0.75	1.00	-4	-3.00														
D8	0.90	1.00	-1	-0.90														
D10	1.20	1.00	-1	-1.20														
			Q	71.64														

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal									Prepared by	NGUYEN THANH PHUONG								
Division / Item	Division 4 : Building Works / C									Checked by	N. Yaegashi								
Item of Work	Operation Building									Date	15-Sep-05								
Floor finish				Wall finish					Ceiling finish				Others						
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Conference room Meeting Room																		
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12					Wooden Trim 75x25 OP				
	16.42	5.62	1	92.28	Cement Sand THK=15					(System Ceiling)					W1b	3.27	4	13.08	
					Lime Plaster Smooth finish E.P					Floor				92.28		1.15	4	4.6	
				Q	92.28	Skirting	41.00	2.8	1	114.80					W2b	2.47	8	19.76	
					D2	1.80	2.8	1	5.04							1.15	8	9.2	
Skirting					D2	1.80	2.05	-1	-3.69				Q	92.28			Q	46.64	
Coloured cement floating(Local)H=100					W1b	3.27	1.15	-2	-7.52										
	16.42	1.00	2	32.84	W2b	2.47	1.15	-4	-11.36						Wooden Curtain Box t=25 200x200				
	5.62	1.00	2	11.24											L=2.2m OP				
	D2	1.80	1.00	-3	-5.40										W1b	3.67	2	7.34	
	PS	0.65	2	1.30											W2b	2.87	4	11.48	
	C	0.51	2	1.02													Q	18.82	
				Q	41.00										Movable partitioning wall 5585x2900				
																1.00	1	1	
																	Q	1.00	
Room name	Director 2F																		
Elevated floor with Carpet H=150					Cement Sand THK=15					Gypsum Board THK=12					Wooden Trim 75x25 OP				
H=150	7.31	5.62	1	41.08	Lime Plaster Smooth finish E.P					(System Ceiling)					W2b	2.47	4	9.88	
						24.06	2.8	1	67.37	Floor				41.08		1.15	4	4.6	
					D2	1.8	2.8	1	5.04				Q	41.08	W2b	2.47	4	9.88	
				Q	41.08	D2	1.8	2.05	-1	-3.69						1.15	4	4.6	
					W1b	3.27	1.15	-1	-3.76								Q	28.96	
Skirting					W2b	2.47	1.15	-2	-5.68										
Precast terrazzo H=100									Q	59.28					Wooden Curtain Box t=25 200x200				
	7.31	2	1	14.62											OP				
	5.62	2	1	11.24											W1b	3.67	1	3.67	
	D2	1.80	1	-1.80											W2b	2.87	2	5.74	
																	Q	9.41	
				Q	24.06														

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Cleaners 2F																		
Ceramic Tile Floor(300x300)	2.92	2.27	1	6.63	Wall					Caloium Silioate Board THK=6 EP					Wooden Trim 75x25 OP				
			Q	6.63	Ceramic Tile(150x200)					(System Ceilng)									
					Skirting	9.63	2.3	1	22.15	Floor				6.63					
Skirting					D7	0.75	2.3	1	1.73						W5b	1.2	4	4.8	
					D7	0.75	2.05	-1	-1.54							0.65	4	2.6	
Coloured cement floating(Local)H=100													Q	6.63			Q	7.40	
	2.92	1.00	2	5.84	W5b	1.2	0.65	-2	-1.56										
	2.27	1.00	2	4.54				Q	20.78										
D7	0.75	1.00	-1	-0.75															
					Cement Sand THK=15														
			Q	9.63	Lime Plaster Smooth finish VP														
					Skirting	9.63	0.5	1	4.82										
								Q	4.82										
Room name	Kitchenette 2F																		
Ceramic Tile Floor(300x300)	4.61	2.27	1	10.46	Wall					Caloium Silioate Board THK=6 EP					Wooden Trim 75x25 OP				
			Q	10.46	Ceramic Tile(150x200)					(System Ceilng)									
					Skirting	13.01	2.3	1	29.92	Floor				10.46					
					D7	0.75	2.3	1	1.73						W5b	1.2	4	4.8	
					D7	0.75	2.05	-1	-1.54							0.65	4	2.6	
					W5b	1.2	0.65	-2	-1.56				Q	10.46			Q	7.40	
Skirting					Sink	2.40	0.9	-1	-2.16										
Coloured cement floating(Local)H=100								Q	26.39										
	4.61	1.00	2	9.22	Cement Sand THK=15														
	2.27	1.00	2	4.54	Lime Plaster Smooth finish VP														
D7	0.75	1.00	-1	-0.75	Skirting	13.01	0.5	1	6.51										
			Q	13.01				Q	6.51						Sink 2400x790x1000				
															and Wainscot Coping				
																	Q	1.00	

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish				Wall finish				Ceiling finish				Others						
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name	Store																	
Ceramic Tile Floor(300x300)					Wall					Cement Sand THK=15					Wooden Trim 75x25 OP			
	1.52	4.01	1	6.1	Cement Sand THK=15					Lime Plaster Smooth finish E.P								
					Lime Plaster Smooth finish E.P					Floor				6.10				
			Q	6.10	Skirting	9.26	3.95	1	36.58				Q	6.10	W5b	1.2	4	4.8
					D2	1.80	3.95	1	7.11							0.65	4	2.6
					D2	1.80	2.05	-1	-3.69								Q	7.40
					W5b	1.2	0.65	-2	-1.56									
Skirting								Q	38.44									
Coloured cement floating(Local)H=100																		
	1.52	1.00	2	3.04														
	4.01	1.00	2	8.02														
	D2	1.80	1.00	-1	-1.80													
			Q	9.26														

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal									Prepared by	NGUYEN THANH PHUONG									
Division / Item	Division 4 : Building Works / C									Checked by	N. Yaegashi									
Item of Work	Operation Building									Date	15-Sep-05									
Floor finish				Wall finish				Ceiling finish				Others								
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount		
Room name	Operatin Room 3F																			
Elevated floor with Carpet H=350					Cement Sand THK=15					Gypsum Board THK=12				Wooden Trim 75x25 OP						
	16.32	5.62	1	91.72	Lime Plaster Smooth finish E.P					(System Ceiling)				W1b						
						42.60	2.8	1	119.28	Floor				91.72			1.15	4	4.6	
			Q	91.72	D2									Q	91.72			2.47	8	19.76
					D2													1.15	8	9.2
Skirting					W1b															
Coloured cement floating(Local)H=100					W2b													Q		17.68
	16.32	2	1	32.64				Q	103.10											
	5.62	2	1	11.24													Wooden Curtain Box t=25 200x200			
	D2	1.8	1	-3.60													OP			
	C	0.51	2	1.02													W1b	2.2	2	4.4
	PS	0.65	2	1.30													W2b	3.2	4	12.8
			Q	42.60															Q	4.40
Room name	Store																			
Ceramic Tile Floor(300x300)					Wall					Cement Sand THK=15				Wooden Trim 75x25 OP						
	4.12	6.37	1	26.24	Cement Sand THK=15					Lime Plaster Smooth finish E.P										
					Lime Plaster Smooth finish E.P					Floor				26.24						
			Q	26.24	Skirting									Q	26.24	W5b				
					D2													1.2	10	12
					D2													0.65	10	6.5
					W5b														Q	18.50
Skirting																				
Coloured cement floating(Local)H=100																				
	4.12	1.00	2	8.24																
	6.37	1.00	2	12.74																
	D2	1.80	1	-1.80																
			Q	19.18																

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name	Corridor 3F																	
Ceramic Tile Floor(300x300)					Wall					Gypsum Board THK=12					Wooden Trim 75x25 OP			
	12.70	2.16	1	27.43	Cement Sand THK=15					(System Ceiling)					D6	0.90	1	0.9
	1.73	4.19	1	7.25	Lime Plaster Smooth finish E.P					Floor				43.96		2.15	2	4.3
	4.09	2.27	1	9.28	Skirting	38.55	2.8	1	107.94						D4	1.20	1	1.2
					D2	1.80	2.8	3	15.12							2.15	2	4.3
					D4	1.20	2.8	1	3.36				Q	43.96	W3b	1.2	4	4.8
					D6	0.90	2.8	1	2.52							1.15	4	4.6
					D7	0.75	2.8	3	6.30								Q	20.10
			Q	43.96	D8	0.90	2.8	1	2.52									
					D2	1.80	2.05	-3	-11.07									
Skirting					D4	1.20	2.05	-1	-2.46									
Coloured cement floating(Local)H=100					D6	0.90	2.05	-1	-1.85									
	12.70	1.00	2	25.40	D7	0.75	2.05	-3	-4.61									
	2.16	1.00	2	4.32	D8	0.90	2.05	-1	-1.85									
	4.19	1.00	2	8.38	W3b	1.20	1.15	-2	-2.76									
	2.36	1.00	2	4.72														
	2.27	1.00	2	4.54				Q	113.16									
C	0.31	2.00	1	0.62														
C	0.61	2.00	1	1.22														
D2	1.80	1.00	-3	-5.40														
D4	1.20	1.00	-1	-1.20														
D6	0.90	1.00	-1	-0.90														
D7	0.75	1.00	-3	-2.25														
D8	0.90	1.00	-1	-0.90														
			Q	38.55														

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others						
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount			
Room name	Toilet M GF																				
Leveling Mortar THK=15					Wall					Plastic Board THK=10 Light gauge steel ground											
Asphalt Waterproofing					Cement Sand THK=15																
Wire mesh 32dai 200x200					Lime Plaster Smooth finish VP					Floor				17.68							
Covering cement sand THK=40-70					Skirting	10.80	0.8	1	8.64												
Ceramic Tile floor 200x200	4.61	4.01	1	18.49				Q	8.64					17.68	Q			17.68			
	0.60	1.35	-1	-0.81	Ceramic Tile(150x200)													Wainscot Coping			
					Skirting	10.80	2.4	1	25.92									Precast terrazzo W=200			
			Q	17.68	D7	0.75	2.4	1	1.80									1.17	2	2.34	
Cement Sand THK=30					D7	0.75	2.15	-1	-1.61									2.75	1	2.75	
PS	0.51	1.26	1	0.64	D7	0.75	2.15	-1	-1.61												
			Q	0.64	Vanity ynit	1.71	0.81	-1	-1.39											Q	5.09
					Booth wall Brick THK=90	9.51	2	1	19.02										Vanity unit L=1710		
Skirting					D14	0.60	0.6	-1	-0.36									Top Granito THK=25 W=600 with 2 boring			
Leveling Mortar THK=25								Q	43.38	Wall								Back Base board H=100			
Asphalt Waterproofing										Cement Sand THK=15								Booth wall Brick THK=90			
	4.61	0.60	2	5.53	Wainscot wall Brick THK=90					PS	3.54	4.25	1	15.05				Ceramic Tile(150x200)			
	4.01	0.60	2	4.81						D14	0.60	0.6	-1	-0.36						Q	1.00
	0.6	0.60	2	0.72																	
D7	0.75	0.35	-1	-0.26																	
			Q	10.80																	
Cement Sand H=100								Q	7.13												
PS	0.51	2	1	1.02	Booth wall Brick THK=90																
	1.26	2	1	2.52																	
						4.01	2.3	1	9.22												
						1.17	2.3	1	2.69												
			Q	3.54																	
end of waterproofing					D12	0.6	2	-2	-2.40												
	4.61	1	2	9.22																	
	4.01	1	2	8.02																	
	0.60	2	2	2.40																	
			Q	19.64																	

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others						
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount			
Room name	Toilet W GF																				
Leveling Mortar THK=15					Wall					Plastic Board THK=10											
Asphalt Waterproofing					Cement Sand THK=15					Light gauge steel ground											
Wire mesh 32dai 200x200					Lime Plaster Smooth finish VP					Floor				16.32							
Covering cement sand THK=40-70					Skirting	9.43	0.8	1	7.54												
Ceramic Tile floor 200x200																					
	4.07	4.01	1	16.32					Q	7.54					Q	16.32		1.21	1	1.21	
					Ceramic Tile(150x200)													1.31	2	2.62	
				Q	16.32	Skirting	9.43	2.4	1	22.63								1.11	1	1.11	
Cement Sand THK=30					D7	0.75	2.4	1	1.80												
PS	1.82	2.37	1	4.31	D7	0.75	2.15	-1	-1.61												
																				Q	4.94
				Q	4.31	Vanity unit	1.80	0.81	-1	-1.46	Wall										
					Booth wall	17.28	2	1	34.56	Cement Sand THK=15											
										PS	7.48	4.25	1	31.79	Vanity unit L=1710						
Skirting									Q	55.92	D8	0.90	4.25	1	3.83	Top Granito THK=25 W=600 with 2 boring					
											D8	0.90	2.05	-1	-1.85	Back Base board H=100					
																Booth wall Brick THK=90					
Leveling Mortar THK=25					Wainscot wall											Ceramic Tile(150x200)					
Asphalt Waterproofing					Brick THK=90										Q	33.77					
	4.07	0.60	2	4.88		1.21	1.4	1	1.69											Q	1.00
	4.01	0.60	2	4.81		1.31	1.4	2	3.67												
D7	0.75	0.35	-1	-0.26		1.11	1.4	1	1.55												
				Q	9.43				Q	6.91											
					Booth wall																
end of waterproofing					Brick THK=90																
	4.07	1	2	8.14		4.01	2.3	1	9.22												
	4.01	1	2	8.02		1.82	2.3	2	8.37												
				Q	16.16		1.05	2.3	1	2.42											
Cement Sand H=100						1.16	2.3	1	2.67												
PS	1.82	2	1	3.64	D12	0.6	2	-3	-3.60												
	2.37	2	1	4.74	D13	0.9	2	-1	-1.80												
D8	0.90	1	-1	-0.9																	
				Q	7.48																

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others						
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount			
Room name	Toilet WM 3F																				
Leveling Mortar THK=15					Wall					Plastic Board THK=10											
Asphalt Waterproofing					Cement Sand THK=15					Light gauge steel ground											
Wire mesh 32dai 200x200					Lime Plaster Smooth finish VP					Floor				16.32							
Covering cement sand THK=40-70					Skirting	12.02	0.5	1	6.01									Wainscot Coping			
Ceramic Tile floor 200x200																		Precast terrazzo W=200			
	2.00	4.01	1	8.02				Q	6.01						Q	16.32		1.11	1	1.11	
	2.07	4.01	1	8.3	Ceramic Tile(150x200)													1.21	2	2.42	
			Q	16.32	Skirting	12.02	2.4	1	28.85									1.80	1	1.8	
Cement Sand THK=30					D7	0.75	2.4	2	3.60												
PS	1.82	2.37	1	4.31	D7	0.75	2.15	-2	-3.23												
					Vanity ynit	1.51	0.81	-1	-1.22										Q	5.33	
			Q	4.31	Vanity ynit	0.91	0.81	-1	-0.74	Wall											
					Booth wall	12.34	2	1	24.68	Cement Sand THK=15											
end of waterproofing										PS	7.48	3.35	1	25.06				Vanity unit L=1500			
	2.00	2	1	4.00				Q	51.94	D8	0.90	3.35	1	3.02				Top Granito THK=25 W=600 with 2 boring			
	4.01	2	1	8.02						D8	0.90	2.05	-1	-1.85				Back Base board H=100			
	2.07	2	1	4.14	Wainscot wall													Booth wall Brick THK=90			
	4.01	2	1	8.02	Brick THK=90										Q	26.23		Ceramic Tile(150x200)			
			Q	12.02		1.11	1.4	1	1.55										Q	1.00	
Skirting						1.21	1.4	2	3.39												
Leveling Mortar THK=25						1.8	1.4	1	2.52										Vanity unit L=900		
Asphalt Waterproofing								Q	7.46										Top Granito THK=25 W=600 with 2 boring		
	12.02	0.60	1	7.21	Booth wall														Back Base board H=100		
					Brick THK=90														Booth wall Brick THK=90		
	D7	0.75	0.35	-2		0.80	2.3	1	1.84										Ceramic Tile(150x200)		
			Q	6.68		1.16	2.3	2	5.34											Q	1.00
						2.00	2.3	1	4.60												
Cement Sand H=100						2.07	2.3	1	4.76												
PS	1.82	2	1	3.64	D12	0.6	2	-2	-2.40												
	2.37	2	1	4.74	D13	0.9	2	-1	-1.80												
	D8	0.90	1	-1				Q	12.34												
			Q	7.48																	

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others								
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount					
Room name	Toilet and shower 1F																						
Leveling Mortar THK=15					Wall					Plastic Board THK=10													
Asphalt Waterproofing					Cement Sand THK=15					Light gauge steel ground													
Wire mesh 32dai 200x200					Lime Plaster Smooth finish VP					Floor				29.63									
Covering cement sand THK=40-70					Skirting	35.94	0.5	1	17.97														
Ceramic Tile floor 200x200																							
	7.62	4.01	1	30.56					Q	17.97					Q	29.63		1.17	2	2.34			
	0.69	1.35	-1	-0.93	Ceramic Tile(150x200)														2.75	1	2.75		
			Q	29.63	Skirting	35.94	2.4	1	86.26										1.41	2	2.82		
Cement Sand THK=30					D7	0.75	2.4	1	1.80										2.92	1	2.92		
PS	0.51	1.26	1	0.64	D7	0.75	2.15	-1	-1.61														
			Q	0.64	Vanity unit	1.71	0.81	-1	-1.39	Wall												Q	10.83
Skirting					Booth wall	37.80	2	1	75.60	Cement Sand THK=15													
Leveling Mortar THK=25										PS	3.54	3.95	1	13.98	Vanity unit L=1710								
Asphalt Waterproofing									Q	160.66					Top Granito THK=25 W=600 with 2 boring								
	7.62	0.60	2	9.14											Back Base board H=100								
	4.01	0.60	2	4.81	Wainscot wall										Booth wall Brick THK=90								
	1.35	0.60	2	1.62	Brick THK=90										Ceramic Tile(150x200)								
	3.05	1.80	2	10.98																			
	4.01	1.80	1	7.22		1.17	1.4	2	3.28													Q	1.00
	1.35	1.80	1	2.43		2.75	1.4	1	3.85														
D7	0.75	0.35	-1	-0.26		1.41	2.4	2	6.77														
			Q	35.94		2.92	2.4	1	7.01														
									Q	20.91													
					Booth wall																		
end of waterproofing					Brick THK=90																		
	7.62	1	2	15.24		4.01	2.3	1	9.22														
	4.01	1	2	8.02		1.13	2.3	1	2.60														
			Q	23.26		2.66	2.3	1	6.12														
Cement Sand H=100						2.92	2.3	1	6.72														
PS	0.51	2	1	1.02		7.8	2.3	1	17.94														
	1.26	2	1	2.52	D12	0.6	2	-4	-4.80														
			Q	37.80																			
			Q	3.54																			

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name Vanity unit L=1710																		
Top Granito THK=25 W=600 with 2 boring																		
Back Base board H=100																		
Booth wall Brick THK=90																		
Ceramic Tile(150x200)																		
			Q	1.00														
Concrete					Formwork					Rein								
	1.71	0.6	1	1.03		1.71	0.6	1	1.03		0.85	9	1	7.65				
	1.71	0.25	1	0.43		1.71	0.25	2	0.86		1.71	3	1	5.13				
				1.46		1.71	0.08	1	0.14		1.71	2	1	3.42				
	1.46	0.08	1	0.12		0.60	0.08	1	0.05					16.2				
											16.2	0.56	1	9.07				
			Q	0.12				Q	2.08				Q	9.07				
Booth wall Brick THK=90																		
Top Granito THK=25 W=600 with 2 boring																		
			Q	1.00		1.71	0.62	1	1.06									
								Q	1.06									
Ceramic Tile(150x200)																		
						1.71	0.62	1	1.06									
						1.71	0.27	1	0.46									
						1.71	0.01	1	0.02									
								Q	1.54									

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Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name Vanity unit L=1800																		
Top Granito THK=25 W=600 with 2 boring																		
Back Base board H=100																		
Booth wall Brick THK=90																		
Ceramic Tile(150x200)																		
			Q	1.00														
Concrete					Formwork					Rein								
	1.80	0.6	1	1.08		1.80	0.6	1	1.08		0.85	9	1	7.65				
	1.71	0.25	1	0.43		1.71	0.25	2	0.86		1.80	3	1	5.4				
				1.51		1.80	0.08	1	0.14		1.80	2	1	3.6				
	1.51	0.08	1	0.12		0.60	0.08	1	0.05					16.65				
											16.65	0.56	1	9.32				
			Q	0.12				Q	2.13				Q	9.32				
Booth wall Brick THK=90																		
Top Granito THK=25 W=600 with 2 boring						1.80	0.62	1	1.12									
			Q	1.00				Q	1.12									
Ceramic Tile(150x200)																		
						1.80	0.62	1	1.12									
						1.80	0.27	1	0.49									
						1.80	0.01	1	0.02									
								Q	1.63									

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Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name Vanity unit L=1500																		
Top Granito THK=25 W=600 with 2 boring																		
Back Base board H=100																		
Booth wall Brick THK=90																		
Ceramic Tile(150x200)																		
			Q	1.00														
Concrete					Formwork					Rein								
	1.50	0.6	1	0.9		1.50	0.6	1	0.9		0.85	8	1	6.8				
	1.71	0.25	1	0.43		1.71	0.25	2	0.86		1.50	3	1	4.5				
				1.33		1.50	0.08	1	0.12		1.50	2	1	3				
	1.33	0.08	1	0.11		0.60	0.08	1	0.05					14.3				
											14.3	0.56	1	8.01				
			Q	0.11				Q	1.93				Q	8.01				
Booth wall Brick THK=90																		
Top Granito THK=25 W=600 with 2 boring						1.50	0.62	1	0.93									
			Q	1.00				Q	0.93									
Ceramic Tile(150x200)																		
						1.50	0.62	1	0.93									
						1.50	0.27	1	0.41									
						1.50	0.01	1	0.02									
								Q	1.36									

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Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name Vanity unit L=900																		
Top Granito THK=25 W=600 with 2 boring																		
Back Base board H=100																		
Booth wall Brick THK=90																		
Ceramic Tile(150x200)																		
			Q	1.00														
Concrete					Formwork					Rein								
	0.90	0.6	1	0.54		0.90	0.6	1	0.54		0.85	5	1	4.25				
	1.71	0.25	1	0.43		1.71	0.25	2	0.86		0.90	3	1	2.7				
				0.97		0.90	0.08	1	0.07		0.90	2	1	1.8				
	0.97	0.08	1	0.08		0.60	0.08	1	0.05					8.75				
											8.75	0.56	1	4.9				
			Q	0.08					1.52					4.90				
Booth wall Brick THK=90																		
Top Granito THK=25 W=600 with 1 boring																		
			Q	1.00		0.90	0.62	1	0.56									
									0.56									
Ceramic Tile(150x200)																		
						0.90	0.62	1	0.56									
						0.90	0.27	1	0.24									
						0.90	0.01	1	0.01									
									0.81									

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Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others					
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount		
Room name	Staircase (1)																			
Precast Terrazzo THK=25 300x300					Wall					Gypsum Board THK=12										
	1.62	3.55	1	5.75	Cement Sand THK=15					(System Ceiling)								Precast Terrazzo 130x25 Capping		
	1.92	3.55	1	6.82	Lime Plaster Smooth finish E.P						2.410	4.19	2	20.20				4.20	2	8.4
	2.41	4.19	2	20.2		4.19	11.60	2	97.21		8.24	4.19	1	34.53				1.62	2	3.24
						4.19	0.25	-2	-2.10									4.50	2	9
						4.19	3.2	1	13.41					Q	54.73					
			Q	32.77		4.19	2.9	2	24.30									4.50	2	9
Precast Terrazzo Tread THK=25 W=340						5.82	1.3	4	30.26	Cement Sand THK=15								3.90	4	15.6
	1.60	14	2	44.80		4.19	1.3	2	10.89	Lime Plaster Smooth finish E.P								1.92	2	3.84
	1.60	13	2	41.60		4.76	0.35	8	13.33		4.76	1.7	4	32.37				0.35	6	2.1
						1.62	0.25	2	0.81		1.62	3.55	1	5.75				5.82	4	23.28
			Q	86.40		1.92	0.25	2	0.96		1.92	3.55	1	6.82				2.27	1	2.27
Precast Terrazzo Rise THK=25 H=150																				
	1.60	15	2	48.00				Q	189.07											
	1.60	14	2	44.80	Skirting									Q	44.94					
					Coloured cement floating(Local)H=100															
			Q	92.80		4.20	2	1	8.40										Q	76.73
						1.62	2	1	3.24	Steel Handrail H=900										
Precast Terrazzo Step THK=25						3.55	1	2	7.10	handrail Steel 80x40x3										
	86.40	0.34	1	29.38		4.20	2	1	8.40	baluster FB60x12,65x8x2@1500										
	92.80	0.15	1	13.92		4.50	2	1	9.00	ber FB60x6,										
			Q	43.30		3.90	2	2	15.60		1.62	2	1	3.24						
						1.92	2	1	3.84		1.92	2	1	3.84						
						5.82	4	1	23.28		0.35	6	1	2.10						
						4.19	2	1	8.38		5.82	2	2	23.28						
											2.27	1	1	2.27						
Joit brass plate 5x25																				
	2.41	2.00	2	9.64										Q	34.73					
										Steel Handrail H=900										
								Q	87.24	handrail Steel 80x40x3										
			Q	9.64						baluster FB60x12,65x8x2@1500										
										ber FB60x6,										
											4.76	2	4	38.08						
														Q	38.08					

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Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name	Staircase (2)																	
Precast Terrazzo THK=25 300x300					Wall					Gypsum Board THK=12								
GF	3.45	8.62	1	29.74	Cement Sand THK=15					(System Ceiling)	3.45	2.25	4	31.05	Precast Terrazzo 130x25 Capping			
	1.50	5.1	-1	-7.65	Lime Plaster Smooth finish E.P											4.50	1	4.5
	1.96	3.45	2	13.52		3.45	19.95	2	137.66									
	2.26	3.45	2	15.59		8.62	19.95	2	343.94					Q				31.05
	2.25	3.45	5	38.81	D5	1.20	2.6	-1	-3.12	Cement Sand THK=15								
					D6	0.90	2.05	-3	-5.54	Lime Plaster Smooth finish E.P								
			Q	90.01	D4	1.20	2.05	-1	-2.46		4.76	1.5	7	49.98				
Precast Terrazzo Tread THK=25 W=340						2.25	1.3	-8	-23.40		1.96	3.45	2	13.52			Q	4.50
	1.40	14	4	78.40	W3a	1.20	1.4	-1	-1.68		2.26	3.45	2	15.59				
	1.40	13	4	72.80	W3b	1.20	1.2	-4	-5.52		3.45	8.62	1	29.74				
						4.76	0.35	8	13.33						Q			108.83
			Q	151.20		0.3	0.35	4	0.42	Stainless Steel Handrail H=900								
Precast Terrazzo Rise THK=25 H=150										handrail sus 60x30x3								
	1.40	15	4	84.00						baluster FB40x8,50x8x2@1500								
	1.40	14	4	78.40				Q	453.63	ber FB40x6,	0.35		1	7	2.45			
			Q	162.40							2.05		1	1	2.05			
														Q				4.50
Precast Terrazzo Step THK=25					Skirting													
	151.20	0.34	1	51.41	Coloured cement floating(Local)H=100					Stainless Steel Handrail H=900								
	162.40	0.15	1	24.36		3.45	2	1	6.90	handrail sus 60x30x3								
			Q	75.77		8.62	2	1	17.24	baluster FB40x8,50x8x2@1500								
						1.96	2	2	7.84	ber FB40x6,								
Joint brass plate 5x25						2.26	2	2	9.04		4.76		1	8	38.08			
	2.25	1	3	6.75		2.25	3	5	33.75									
						3.45	1	9	31.05					Q				38.08
			Q	6.75		4.50	1	1	4.50									
					D8	0.90	1	-1	-0.90									
						6.75	1	-1	-6.75									
					D5	1.20	1	-1	-1.20									
					D6	0.90	2	-3	-5.40									
					D4	1.20	3	-1	-3.60									
								Q	92.47									

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Division / Item	Division 4 : Building Works / C										Checked by	N. Yaegashi			
Item of Work	Operation Building										Date	15-Sep-05			
EXTERNAL Finishing TOTAL	Quantity	Penthouse Roof 4	Roof 3 RF	Roof 2 3F	Roof 1 2F	Roof 5 and Balcony 1F	Slope and steP	External Wall GF	External Wall 1F	External Wall 2F	External Wall 3F		DOORS AND WINDOWS		
Foor works															
Leveling Mortar THK=15	1230.40	50.27	303.76	235.95	273.32	367.10									
Asphalt Waterproofing	863.30	50.27	303.76	235.95	273.32										
Wire mesh 32Φ 200x200	863.30	50.27	303.76	235.95	273.32										
Covering cement sand screed THK=60 Float Finish	863.30	50.27	303.76	235.95	273.32										
Brick for roof THK=20 Double	863.30	50.27	303.76	235.95	273.32										
Cement Sand Screed Trowel Finish THK=30	10.11	10.11													
Brick for roof 20 THK	367.10					367.10									
Precast Terrazzo THK=25 300x300 (Nonslip finish)	20.95						20.95								
Precast Terrazzo step THK=25 300x300 (Nonslip finish)	8.60						8.60								
precast terazzo (500x500)	13.26						13.26								
Skirting works															
Sealing at the end of waterproofing	481.02	39.38	106.96	152.60	182.08										
Leveling Mortar THK=15	481.02	18.90	51.34	73.25	87.40										
Asphalt Waterproofing	230.89	18.90	51.34	73.25	87.40										
Parapet Wall with cement sand THK=30	58.98					58.98									
Cement Sand Screed H=100	36.70						36.70								
Sement sand screed E.P (Exterior Quality)	66.60							66.60							
Wall works															
Brick THK=90	192.40	15.75	42.78	61.04	72.83										
Parapet Wall with cement sand THK=30	192.40	15.75	42.78	61.04	72.83										
Cement Sand Screed trowel finish	1758.06	125.38					22.07	498.26	424.30	381.10	306.95				
EP (Exterior Quality)	1900.34	125.38					22.07	532.94	465.10	417.50	337.35				
Brick THK=190	24.84							24.84							
Celling works															
Cement Sand Screed trowel finish	557.79	14.69						114.49	162.12	145.62	120.87				
EP (Exterior Quality)	557.79	14.69						114.49	162.12	145.62	120.87				
Gypsum Board THK=12 (System Ceiling)	13.26						13.26								
Others works															
Parapet with cement sand THK=30	247.32	17.29	48.66	66.88	78.85	35.64									
Supply and place Polyatyrene Foam	0.43	0.43													
Roof down	32.00	2.00	6.00	8.00	8.00	8.00									
Down Pipe	135.60	7.20	25.20	33.60	33.60	36.00									
rain water Splash block	16.00	2.00	6.00	8.00											
Water Tank	1.00	1.00													
Ladder W=450 L=4000	1.00	1.00													
Handrail H=500	265.40		74.80	89.80	100.80										

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EXTERNAL Finishing TOTAL	Quantity	Penthouse Roof 4	Roof 3 RF	Roof 2 3F	Roof 1 2F	Roof 5 and Balcony 1F	Slope and step	External Wall GF	External Wall 1F	External Wall 2F	External Wall 3F	DOORS AND WINDOWS		
Stairs from concrete are made.No.1	3.00		1.00		1.00	1.00								
Stairs from concrete are made. No.2	1.00			1.00										
Handrail H=750	118.80					118.80								
Cement Sand Coping W=180	16.65						16.65							
Precast Terrazzo Coping W=180	4.30						4.30							
Plaster architrave frames with mortar W=60	350.35							103.04	98.43	83.46	65.42			
Plaster architrave frames sill with mortar W=60	153.15							42.04	45.23	36.56	29.32			
Column with Plaster architrave frames with mortar W=315	8.96							8.96						
Skiting with Plaster architrave frames with mortar W=315	8.96							8.96						
Placing joint Caulking	78.60							78.60						
Parapet with Plaster architrave frames with mortar W=315	355.70							86.70	102.00	91.00	76.00			
Plaster architrave frames with mortar W=80	355.70							86.70	102.00	91.00	76.00			
doors and windows works														
Wired transparent glass t=6.8	14.28											14.28		
Wired figured glass t=6.8	13.92											13.92		
Transparent glass t=5	1.08											1.08		
Tempered glass t=10	19.86											19.86		
Tempered glass t=12 900x2400	2.00											2.00		
Heat reflecting glass (Mirror) t=8	9.16											9.16		
Heat reflecting glass (Mirror) t=5	130.31											130.31		
Wood frame 140x40	88.60											88.60		
Filling waterproofing cement mortar around door frame and window frames	1016.78											1016.78		
Sealing 10*10	91.98											91.98		
Door sill 100x25	12.75											12.75		
oil paint(woodn)	52.20											52.20		
oil paint(steel)	371.54											371.54		
Aluminium angle for suppoting trim	453.90											453.90		

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Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Roof 3 RF																		
Leveling Mortar THK=15					Wall										Roof down				
Asphalt Waterproofing					Wainscot wall										(Cast Iron tar Bal	3	2	6	
Wire mesh 32Φ 200x200					Brick THK=90														
Covering cement sand screed THK=40 Float Finish					Parapet Wall with cement sand THK=30												Q	6.00	
Brick for roof 20 THK Double					Skirting	106.96	0.4	1	42.78										
	19.70	17.7	1	348.69											Down Pipe				
PH	4.08	9.2	-1	-37.54				Q	42.78						(PVC Heavy Duty D150)				
	2.80	2.64	-1	-7.39											Down Spout Hanger stainless steel @1500				
																4.20	6	25.2	
					Parapet with cement sand THK=30														
			Q	303.76		19.70	0.5	2	19.70								Q	25.20	
						17.70	0.5	2	17.70										
Skirting						4.08	0.35	2	2.86										
Sealing at the end of waterproofing						9.20	0.35	2	6.44	stairs from concrete are made.No.1					Splash block				
	19.70	2	1	39.40		2.80	0.35	2	1.96	Concrete	1.7	0.95	1	1.62					
	17.70	2	1	35.40							1.7	0.65	1	1.11			Q	6.00	
PH	4.08	2	1	8.16										2.73					
	9.20	2	1	18.40				Q	48.66		2.73	0.16	1	0.44					
	2.80	2	1	5.60									Q	0.44	Handrail H=500				
										Foomwrak	0.95	0.16	2	0.30		19.70	2	39.4	
											0.65	0.16	2	0.21		17.70	2	35.4	
											1.7	0.16	2	0.54					
			Q	106.96									Q	1.05			Q	74.80	
Leveling Mortar THK=15																			
Asphalt Waterproofing										Cement sand THK=30									
Skirting	106.96	0.48	1	51.34							1.7	0.95	1	1.62					
											1.7	0.16	2	0.54					
			Q	51.34									Q	2.16					
										Cement sand THK=30 wall					Stairs from concrete are made.No.1				
											0.95	0.16	2	0.30			Q	1.00	
											0.65	0.16	2	0.21					
													Q	0.51					

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Roof 2 3F																		
Leveling Mortar THK=15					Wall										Roof down				
Asphalt Waterproofing					Wainscot wall										(Cast Iron tar Bal	4	2	8	
Wire mesh 32Φ 200x200					Brick THK=90														
Covering cement sand screed THK=40 Float Finish					Parapet Wall with cement sand THK=30												Q	8.00	
Brick for roof 20 THK Double					Skirting	152.60	0.4	1	61.04										
	27.20	17.7	1	481.44											Down Pipe				
3F	16.7	14.7	-1	-245.49				Q	61.04						(PVC Heavy Duty D150)				
															Down Spout Hanger stainless steel @1500				
																4.20	8	33.6	
					Parapet with cement sand THK=30														
			Q	235.95		27.20	0.5	2	27.20								Q	33.60	
						17.70	0.5	2	17.70										
Skirting						16.70	0.35	2	11.69										
Sealing at the end of waterproofing						14.70	0.35	2	10.29	Stairs from concrete are made. No.2					Splash block				
	27.20		2	54.40						Concrete	1.5	2.2	1	3.30					
	17.70		2	35.40							1.5	2.8	1	4.20			Q	8.00	
3F	16.70		2	33.40										7.50					
	14.70		2	29.40				Q	66.88		7.50	0.16	1	1.20					
													Q	1.20	Handrail H=500				
										Foamwrak	1.5	0.16	2	0.48		27.20	2	54.4	
															17.70	2	35.4		
			Q	152.60															
Leveling Mortar THK=15														Q	0.48			Q	89.80
Asphalt Waterproofing										Cement sand THK=30									
Skirting	152.60	0.48	1	73.25							1.5	2.8	1	4.20					
														Q	4.20				
			Q	73.25															
										Cement sand THK=30 wall					Stairs from concrete are made. No.2				
											1.5	0.16	4	0.96			Q	1.00	
														Q	0.96				

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Package	Package 1 : Cai Mep International Container Terminal								Prepared by	NGUYEN THANH PHUONG									
Division / Item	Division 4 : Building Works / C								Checked by	N. Yaegashi									
Item of Work	Operation Building								Date	15-Sep-05									
Floor finish				Wall finish				Ceiling finish				Others							
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Roof 1 2F																		
Leveling Mortar THK=15					Wall										Roof down				
Asphalt Waterproofing					Wainscot wall										(Cast Iron tar Bal	4	2	8	
Wire mesh 32Φ 200x200					Brick THK=90														
Covering cement sand screed THK=40 Float Finish					Parapet Wall with cement sand THK=30												Q	8.00	
Brick for roof 20 THK Double					Skirting	182.08	0.4	1	72.83										
	27.20	23.2	1	631.04											Down Pipe				
2F	24.2	14.7	-1	-355.74					Q	72.83					(PVC Heavy Duty D150)				
PS	1.14	1.74	-1	-1.98											Down Spout Hanger stainless steel @1500				
																4.20	8	33.6	
					Parapet with cement sand THK=30														
			Q	273.32		27.20	0.5	2	27.20								Q	33.60	
						23.20	0.5	2	23.20										
Skirting						24.20	0.35	2	16.94										
Sealing at the end of waterproofing						14.70	0.35	2	10.29						Flag Pole 7M				
	27.20	2	1	54.40		1.74	0.35	2	1.22										
	23.20	2	1	46.40													Q	3.00	
2F	24.20	2	1	48.40															
	14.70	2	1	29.40					Q	78.85									
	1.74	2	1	3.48											Handrail H=500				
																27.20	2	54.4	
																23.20	2	46.4	
			Q	182.08															
Leveling Mortar THK=15																		Q	100.80
Asphalt Waterproofing																			
Skirting	182.08	0.48	1	87.4															
			Q	87.40															
															Stairs from concrete are made. No.1				
																		Q	1.00

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Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others			
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount
Room name	Slope and step																	
Precast Terrazzo THK=25 300x300 (Nonslip finish)					Cement Sand Coping W=180													
	1.47	11.75	1	17.27		11.75	1.00	1	11.75									
	1.47	2.50	1	3.68		2.50	1.00	1	2.50									
						1.20	1.00	1	1.20									
			Q	20.95		1.20	1.00	1	1.20									
Skirting																		
Cement Sand Screed H=100																		
	11.75	2	1	23.5				Q	16.65									
	2.50	2	1	5														
	1.20	2	1	2.4	cement sand THK=15 EP													
	1.20	2	1	2.4		2.75	0.80	1	2.20									
	1.70	2	1	3.4		9.00	0.40	1	3.60									
						1.4	0.40	3	1.68	Gypsum Board THK=12 (System Ceiling)								
			Q	36.70		1.70	3.20	2	10.88									
						1.47	0.50	2	1.47		7.80	1.70	1	13.26				
						1.4	0.80	2	2.24				Q	13.26				
Precast Terrazzo step THK=25 300x300 (Nonslip finish)																		
	1.47	1.20	3	5.29				Q	22.07									
	1.47	0.75	3	3.31														
			Q	8.60	Precast Terrazzo Coping W=180													
Foor																		
precast terazzo (500x500)																		
	7.80	1.70	1	13.26		0.60	1.00	2	1.20									
						0.45	1.00	2	0.90									
						1.10	1.00	2	2.20									
			Q	13.26														
								Q	4.30									

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Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	External Wall GF				Wall					Cement Sand Sored trowel finish									
Plaster architrave frames with mortar W=60					Cement Sand Sored trowel finish					EP (Exterior Quality)					Placing joint Caulking				
W1a	3.27	1	2	6.54		24.20	4.2	2	203.28		19.55	23.50	1	459.43		24.20	2	48.4	
	1.4	2	2	5.6		20.20	4.2	2	169.68		10.20	9.00	1	91.80		20.20	2	40.4	
W2a	2.47	1	10	24.7	W1a	3.27	1.4	-2	-9.16		24.20	20.20	-1	-488.84	D1	7.8	-1	-7.8	
	1.4	2	10	28	W2a	2.47	1.4	-10	-34.58		8.00	0.65	2	10.40	D5	1.20	-2	-2.4	
W3a	1.20	1	4	4.8	W3a	1.20	1.4	-4	-6.72		8.40	0.65	4	21.84			Q	78.60	
	1.4	2	4	11.2	W5a	1.20	0.9	-3	-3.24		8.10	0.50	2	8.10					
W5a	1.20	1	3	3.6	D5	1.20	2.7	-2	-6.48		1.50	0.28	28	11.76					
	0.9	2	3	5.4	D1	7.8	3.2	-1	-24.96										
D5	1.20	1	2	2.4										Q				114.49	
	2.7	2	2	10.8	out	19.85	0.98	2	38.91										
			Q	103.04	out	23.50	0.98	2	46.06										
					out	9.00	0.98	2	17.64	Column with Plaster architrave frames with mortar W=315									
Plaster architrave frames sill with mortar W=60					in	19.55	0.74	2	28.93		1.12	4.00	2	8.96					
W1a	3.27	1	2	6.54	in	23.20	0.74	2	34.34										
W2a	2.47	1	10	24.7	in	8.70	0.74	2	12.88				Q	8.96					
W3a	1.20	1	4	4.8	C	0.88	4.50	8	31.68						Parapet with Plaster architrave frames with mortar W=315				
W5a	1.20	1	3	3.6															
D5	1.20	1	2	2.4				Q	498.26	Skiting with Plaster architrave frames with mortar W=315						19.85	2	39.7	
			Q	42.04							1.12	4.00	2	8.96		23.50	2	47	
					EP (Exterior Quality)														
					Wall				498.26					Q	8.96				
Skirting					Parapet with Plaster architrave frames with mortar W=315														
Sement sand screed E.P (Exterior Quality)						86.70	0.32	1	27.74	Brick THK=190									
	24.20	0.75	2	36.3	Plaster architrave frames with mortar W=80						0.88	4.50	4	15.84			Q	86.70	
	20.20	0.75	2	30.3		86.70	0.08	1	6.94		0.50	4.50	4	9.00	Plaster architrave frames with mortar W=80				
			Q	66.60												19.85	2	39.7	
																23.50	2	47	
								Q	532.94										
																		Q	86.70

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Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Room name	Floor finish				Wall finish				Ceiling finish				Others					
	W/L	H/L	No.	Amount	W/L	H/L	No.	Amount	W/L	H/L	No.	Amount	No.	No.	Amount			
DOORS AND WINDOWS																		
					GLAZING				Filling waterproofing cement mortar around door frame and window frames									
									Sealing 10*10									
	Aluminium horizontal sliding window				Heat reflecting glass (Mirror) t=8								Aluminium angle for supporting trim					
W1a	3.27	1.4	2	9.16	W1a	3.27	1.4	2	9.16	W1a	4.67	2	2	18.68	W1a	9.34	2	18.68
			Q	2.00														
W1b	3.27	1.15	6	22.56	W1b	3.27	1.15	6	22.56	W1b	4.42	2	6	53.04	W1b	8.84	6	53.04
			Q	6.00				Q	9.16									
					Heat reflecting glass (Mirror) t=5													
W2a	2.47	1.4	10	34.58	W2a	2.47	1.4	10	34.58	W2a	3.87	2	10	77.4	W2a	7.74	10	77.4
			Q	10.00														
W2b	2.47	1.15	14	39.77	W2b	2.47	1.15	14	39.77	W2b	3.62	2	14	101.36	W2b	7.24	14	101.36
			Q	14.00														
W3a	1.2	1.4	4	6.72	W3a	1.2	1.4	4	6.72	W3a	2.6	2	4	20.8	W3a	5.2	4	20.8
			Q	4.00														
W3b	1.2	1.15	14	19.32	W3b	1.2	1.15	14	19.32	W3b	2.35	2	14	65.8	W3b	4.7	14	65.8
			Q	14.00														
W4a	2.47	0.9	2	4.45	W4a	2.47	0.9	2	4.45	W4a	3.37	2	2	13.48	W4a	6.74	2	13.48
			Q	2.00														
W4b	2.47	0.65	1	1.61	W4b	2.47	0.65	1	1.61	W4b	3.12	2	1	6.24	W4b	6.24	1	6.24
			Q	1.00														
W5a	1.2	0.9	3	3.24	W5a	1.2	0.9	3	3.24	W5a	2.1	2	3	12.6	W5a	4.2	3	12.6
			Q	3.00														
W5b	1.2	0.65	17	13.26	W5b	1.2	0.65	17	13.26	W5b	1.85	2	17	62.9	W5b	3.7	17	62.9
			Q	17.00														
W9	3.2	1.15	2	7.36	W9	3.2	1.15	2	7.36	W9	4.35	2	2	17.4	W9	8.7	2	17.4
			Q	2.00														
								Q	130.31									
					Transparent glass t=5													
W6	1.2	0.9	1	1.08	W6	1.2	0.9	1	1.08	W6	2.1	2	1	4.2	W6	4.2	1	4.2
			Q	1.00														
	Aluminium Fixed Louver																	
W7	1.3	0.8	1	1.04						W7	2.1	2	1	4.2				
			Q	1.00														
W8	1.4	0.6	1	0.84						W8	2	2	1	4				
			Q	1.00														

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Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Room name	Floor finish				Wall finish				Ceiling finish				Others					
	W/L	H/L	No.	Amount	W/L	H/L	No.	Amount	W/L	H/L	No.	Amount	No.	No.	Amount			
	DOORS AND WINDOWS																	
	Aluminium glass door				Wired transparent glass t=6.8													
D10	1.2	2.15	1	2.58	D10	1.2	2.15	0.5	1.29	D10	3.35	2	1	6.7				
			Q	1.00	Wired figured glass t=6.8				Q	1.29								
D11	0.9	2.15	1	1.94	D11	0.9	2.15	0.5	0.97	D11	3.05	2	1	6.1				
			Q	1.00					Q	0.97								
													Q	453.90		Q	453.90	
	Glass door stainless steel frame window & glass				Tempered glass t=12 900x2400													
D1	7.87	3.5	1	27.55							D1	11.37	2	2	45.48			
			Q	1.00					Q	2.00								
					Tempered glass t=10													
						2.64	2.3	2	12.14									
						7.67	1.1	1	8.44									
						2.4	0.3	-1	-0.72									
								Q	19.86									
	Steel flush glass door				Wired figured glass t=6.8								Oil paint					
D2	1.8	2.15	3	11.61	D2	0.2	1.85	6	2.22	D2	3.95	2	3	23.7	D2	11.61	2.2	25.54
In																		
	Steel flush glass door				Wired transparent glass t=6.8								Oil paint					
D2	1.8	2.15	9	34.83	D2	0.2	1.85	18	6.66	D2	3.95	2	9	71.1	D2	34.83	2.2	76.63
In			Q	12.00														
	Steel flush glass door				Wired transparent glass t=6.8													
D3	1.8	2.15	1	3.87	D3	0.45	1.85	2	1.67	D3	3.95	2	1	7.9	D3	3.87	2.2	8.51
In			Q	1.00														
	Steel flush glass door				Wired figured glass t=6.8													
D4	1.2	2.15	1	2.58	D4	0.2	1.85	1	0.37	D4	3.35	2	1	6.7	D4	2.58	2.4	6.19
Ex					Wired transparent glass t=6.8													
D4	1.2	2.15	2	5.16	D4	0.2	1.85	2	0.74	D4	3.35	2	2	13.4	D4	5.16	2.4	12.38
Ex					Wired transparent glass t=6.8													
D4	1.2	2.15	3	7.74	D4	0.2	1.85	3	1.11	D4	3.35	2	3	20.1	D4	7.74	2.4	18.58
In			Q	3.00														
	Wired transparent glass t=6.8																	
D5	1.2	2.7	2	6.48	D5	0.2	1.85	2	0.74	D5	3.9	2	2	15.6	D5	6.48	2.2	14.26
Ex			Q	2.00		1.2	0.4	2	0.96					0.48	-1.2	-0.58		
	Wired transparent glass t=6.8																	
D6	0.9	2.15	3	5.81	D6	0.2	1.85	3	1.11	D6	3.05	2	3	18.3	D6	5.81	2.5	14.53
Ex																		

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Division / Item	Division 4 : Building Works / C									Checked by	N. Yaegashi								
Item of Work	Operation Building									Date	15-Sep-05								
Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	DOORS AND WINDOWS																		
					Wired figured glass t=6.8														
D6	0.9	2.15	2	3.87	D6	0.2	1.85	2	0.74	D6	3.05	2	2	12.2	D6	3.87	2.5	9.68	
Ex					Wired figured glass t=6.8														
D6	1.2	2.15	9	23.22	D6	0.2	1.85	9	3.33	D6	3.35	2	9	60.3	D6	23.22	2.4	55.73	
In			Q	14.00															
D7	0.75	2.15	17	27.41	D7	0.2	1.85	17	6.29	D7	2.9	2	17	98.6	D7	27.41	2.5	68.53	
In			Q	17.00															
	Steel flush door																		
D8	1.2	2.15	4	10.32						D8	3.35	2	4	26.8	D8	10.32	2.6	26.83	
In			Q	4.00															
D9	0.9	2.15	1	1.94						D9	3.05	2	1	6.1	D9	1.94	2.6	5.04	
In			Q	1.00															
	Pywood flush door																		
D12	0.6	2	15	18						D12	2.6	2	15	78	D12	18	2.9	52.2	
In			Q	15.00															
D13	0.9	2	4	7.2						D13	2.9	2	4	23.2	D13	7.2	2.6	18.72	
In			Q	4.00															
	Steel flush door																		
D14	0.6	0.6	9	3.24						D14	1.2	2	9	21.6	D14	3.24	2.9	9.4	
Ex			Q	9.00															
D15	0.6	0.9	1	0.54						D15	1.5	2	1	3	D15	0.54	2.9	1.57	
Ex			Q	1.00													Q	423.74	

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Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Room name	Floor finish				Wall finish				Ceiling finish				Others		
	W/L	H/L	No.	Amount	W/L	H/L	No.	Amount	W/L	H/L	No.	Amount	No.	No.	Amount
DOORS AND WINDOWS															
									Filling waterproofing cement mortar around door frame and window frames						
					Wired figured glass t=6.8								oil paint(woodn)		
Wired transparent glass t=6.8				25.94				12.95				453.90	D12		52.2
				-12.95				0.97				562.88		Q	52.20
				1.29	Tempered glass t=10				19.86				oil paint(steel)		
			Q	14.28				19.86				1016.78			-52.2
Transparent glass t=5				1.08	Wood frame 140x40									Q	371.54
			Q	1.08	D12	4.6	1	15	69			91.98			
Tempered glass t=12 900x2400					D13	4.9	1	4	19.6			91.98			
			Q	2.00				88.60	Door sill 100x25						
									D7	0.75	1	17	12.75		
												12.75		Q	
Heat reflecting glass (Mirror) t=8				9.16					Aluminium angle for supporting trim						
			Q	9.16								453.90			
												453.90		Q	
Heat reflecting glass (Mirror) t=5				130.31											
			Q	130.31											

JICA DD Study Team assigned to JPC, PCI & IDS

Package		Package 1 : Cai Mep International Container Terminal								Prepared by		NGUYEN THANH PHUONG							
Division / Item		Division 4 : Building Works / C								Checked by		N. Yaegashi							
Item of Work		Operation Building								Date		15-Sep-05							
Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Blick Wall																		
4.5	0.15	0.8	0.65		4.2	0.15	0.8	0.65		4.2	0.15	0.8	0.65						
Brick Wall THK=190					Brick Wall THK=190					Brick Wall THK=190					TOTAL				
GF					1F						2F				Brick Wall THK=190				
A,D 1-4	6.8	3.7	4	100.64	A,D 1-4	6.8	3.4	4	92.48	B,D 1-4	6.8	3.4	4	92.48					
A,D 1-4	7.8	3.7	1	28.86	A,D 1-4	7.8	3.4	2	53.04	B,D 1-4	7.8	3.4	2	53.04	GF			249.16	
W2a	2.47	1.4	-10	-34.58	W2b	2.47	1.15	-5	-14.2	W2b	2.47	1.15	-6	-17.04	1F			241.40	
1,4, A-D	4.8	3.85	4	73.92	W3b	1.2	1.15	-3	-4.14	W3b	1.2	1.15	-4	-5.52	2F			220.80	
1,4,B-C	7.8	3.7	2	57.72	W4b	2.47	0.65	-2	-3.21	W5b	1.2	0.65	-3	-2.34	3F			167.10	
W1a	3.27	1.4	-2	-9.16	W9	3.2	1.15	-2	-7.36	D4	1.2	2.15	-1	-2.58	PHF			61.17	
W3a	1.2	1.4	-4	-6.72	1,4, A-D	4.8	3.55	4	68.16	1,4, A-D	4.8	3.55	2	34.08					
W5a	1.2	0.9	-3	-3.24	1,4,B-C	7.8	3.4	2	53.04	1,4,B-C	7.8	3.4	2	53.04					
D5	1.2	2.7	-2	-6.48	2,B-C	6.46	3.55	1	22.93	W3b	1.2	1.15	-1	-1.38			Q	939.63	
2 A-B	3.4	3.85	1	13.09	W3b	1.2	1.15	-2	-2.76	W5b	1.2	0.65	-3	-2.34					
3 A-B	2.8	3.85	1	10.78	W1b	3.27	1.15	-2	-7.52	W1b	3.27	1.15	-2	-7.52	Brick Wall THK=90				
W6	0.6	0.9	-1	-0.54	W5b	1.2	0.65	-5	-3.9	2,B-C	6.46	3.55	1	22.93	GF			381.62	
-2,B-C	6.46	3.85	1	24.87	D6	1.2	2.15	-2	-5.16	PS	1.65	1.2	2	3.96	1F			455.58	
										PS	0.86	1.2	1	1.03	2F			258.42	
			GF	249.16				1F	241.40	W7	1.3	0.8	-1	-1.04	3F			177.40	
	0.15	0.8	0.65			3	0.8	0.65						PHF				6.47	
Brick Wall THK=190					Brick Wall THK=190									2F	220.80				
3F					3F														
A,D 1-4	6.8	3.4	2	46.24	BC	3.49	2.2	2	15.36										
A,D 1-4	7.8	3.4	2	53.04	1	8.2	2.2	1	18.04										
W2b	2.47	1.15	-4	-11.36		9.01	2.2	1	19.82								Q	1279.49	
W3b	1.2	1.15	-1	-1.38	W4b	2.47	0.65	-4	-6.42										
W5b	1.2	0.65	-4	-3.12	W3b	1.2	1.15	-1	-1.38										
	3.12	3.4	-1	-10.61	D4	1.2	2.15	-1	-2.58										
1,4, A-D	4.8	3.55	2	34.08	PS	1	2.85	2	5.7										
1,4,B-C	7.8	3.4	2	53.04	PS	2.46	2.4	1	5.9										
-2,B-C	6.46	3.55	1	22.93	PS	1.8	1.2	2	4.32										
W3b	1.2	1.15	-1	-1.38	PS	2.46	1.2	1	2.95										
W1b	3.27	1.15	-2	-7.52	D6	0.6	0.9	-1	-0.54										
W5b	1.2	0.65	-3	-2.34															
D6	0.9	2.15	-1	-1.94					PHF	61.17									
D4	1.2	2.15	-1	-2.58															
			3F	167.10															

JICA DD Study Team assigned to JPC, PCI & IDS

Package	Package 1 : Cai Mep International Container Terminal	Prepared by	NGUYEN THANH PHUONG
Division / Item	Division 4 : Building Works / C	Checked by	N. Yaegashi
Item of Work	Operation Building	Date	15-Sep-05

Floor finish					Wall finish					Ceiling finish					Others				
	W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		W/L	H/L	No.	Amount		No.	No.	Amount	
Room name	Blick Wall																		
4.5	0.15	0.8	0.65		4.2	0.15	0.8	0.65		4.2	0.15	0.8	0.65						
Brick Wall THK=90					Brick Wall THK=90						Brick Wall THK=90								
GF					1F						2F								
A-B	3.62	4.35	1	15.75	A-B	3.49	4.05	1	14.13	B-C	4.16	3.55	2	29.54					
	5.21	4.35	1	22.66		2.97	4.05	1	12.03		7.66	3.55	2	54.39					
B	4.06	3.7	1	15.02		2.92	4.05	1	11.83	C	6.8	3.4	2	46.24					
B	6.8	3.85	1	26.18	B	4.06	3.4	1	13.8		7.8	3.4	1	26.52					
B-C	4.16	3.85	2	32.03		7.8	3.4	1	26.52	1-2	2.37	4.05	1	9.6					
	7.66	3.85	2	58.98		2.66	3.4	1	9.04	3	5.9	3.4	1	20.06					
C	6.8	3.7	2	50.32		2.45	3.4	1	8.33		4.8	4.05	1	19.44					
C	7.8	3.7	1	28.86	B-C	4.16	3.55	2	29.54	3-4	6.37	4.05	1	25.8					
st5r	1.4	3.5	1	4.9		7.66	4.05	2	62.05		4.01	4.05	1	16.24					
					C	6.8	3.4	1	23.12	PS	2.41	4.05	1	9.76					
st6r	2	2.1	1	4.2		7.8	3.4	1	26.52	PS	1.1	4.05	1	4.46					
	2.3	2.8	1	6.44		2.75	3.4	1	9.35	PS	1.95	4.05	1	7.9					
1-2	5.31	3.85	1	20.44		2.45	3.4	1	8.33	PS	1.8	4.05	1	7.29					
	2.37	4.35	1	10.31	B-C	4.61	4.05	1	18.67	D2	1.8	2.15	-5	-19.35					
	3	5.9	3.7	21.83						D7	0.75	2.15	-4	-6.45					
3-4	5.31	3.85	1	20.44	1-2	1.61	4.05	2	13.04	D8	1.2	2.15	-1	-2.58					
	2.37	4.35	1	10.31		2.37	4.05	1	9.6	st6r	2.94	3.25	1	9.56					
	4.5	4.35	1	19.58	3	2.3	3.55	1	8.17										
PS	2.41	3.85	2	18.56	2-3	5.62	4.05	1	22.76										
PS	2.12	3.85	1	8.16	3	4.1	3.55	1	14.56										
PS	1.95	3.85	1	7.51		4.8	3.55	1	17.04										
PS	1.8	3.85	1	6.93	3-4	5.31	4.05	2	43.01										
D2	1.8	2.15	-3	-11.61		2.71	4.05	1	10.98										
D4	1.2	2.15	-2	-5.16		5.62	4.05	1	22.76										
D6	0.9	2.15	-3	-5.81	PS	2.41	4.05	1	9.76										
D7	0.75	2.15	-4	-6.45	PS	1.45	4.05	1	5.87										
D8	1.2	2.15	-1	-2.58	PS	1.36	4.05	1	5.51										
st6r	2.94	1.3	1	3.82	PS	3.3	4.05	1	13.37										
					PS	1.8	4.05	1	7.29										
					D2	1.8	2.15	-3	-11.61										
					D4	1.2	2.15	-1	-2.58										
					D6	0.9	2.15	-4	-7.74										
					D7	0.75	2.15	-4	-6.45										
					D8	1.2	2.15	-1	-2.58										
					st6r	2.94	3.25	1	9.56										
				GF	381.62				1F	455.58				2F	258.42				

