





1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT  
 Process Cost 400kg/cm<sup>2</sup> Concrete Production Class - B Unit: 10 m<sup>3</sup> Sheet #: PC 211200

No.	Description	Specification	Unit	Quantity	Unit Price				Combined Total Cost (VND)			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
1					0						0	
2	Skilled Labor	Local	M/day	0.21	0	0.00	118,898	0.00	24,969	0.00	24,969	L 104000
3	Common Labor	Local	M/day	0.83	0	0.00	58,671	0.00	48,697	0.00	48,697	L 103000
4	Concrete Batcher Plant	1*10/(60/2*0.9)	hr	0.37	11,460	0.00	46,716	0.00	570,841	0.00	570,841	EL 115000
5	Wheel Loader	1*10/(60/2*0.9)	hr	0.37	3,808	0.00	58,020	0.00	205,420	0.00	205,420	EL 116000
6	Portland Cement	PC-40	t	4.47	0	0.00	696,291	0.00	3,112,421	0.00	3,112,421	M 106000
7	Water - Reducing Agent		kg	42.50	0	0.00	0	0.81	485,463	0.00	485,463	M 109000
8	Fine Aggregate ( Sand for Concrete )	Tan Chau	m <sup>3</sup>	2.83	0	0.00	49,455	0.00	139,958	0.00	139,958	M 111000
9	Coarse Aggregate ( aggregate for Concrete )	Co To	m <sup>3</sup>	4.18	0	0.00	125,091	0.00	522,880	0.00	522,880	M 112000
Summary												
per m <sup>3</sup> Q=E*0.9*60/2 (m <sup>3</sup> /hr)												
REMARKS E=1.00m <sup>3</sup>												
C/m=2.0min												
k=0.9												
5,110,648												
511,065												

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT		Concrete Production Class - C			350kg/cm <sup>2</sup>			Unit: 10 m <sup>3</sup>	Sheet #: PC 211250
No.	Description	Specification	Unit	Quantity	Unit Price			Remarks	
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)		Local Currency (US\$)
1					0	0	0	0	
2	Skilled Labor	Local	M/day	0.21	0	118,898	0.00	24,969 L 104000	
3	Common Labor	Local	M/day	0.83	0	58,671	0.00	48,697 L 103000	
4	Concrete Batcher Plant	1*10/(60/2*0.9)	hr	0.37	11,460	48,716	0.00	570,841 JEL 115000	
5	Wheel Loader	1*10/(60/2*0.9)	hr	0.37	3,808	58,020	0.00	205,420 JEL 116000	
6	Portland Cement	PC-40	t	4.21	0	696,291	0.00	2,931,585 M 108000	
7	Water - Reducing Agent		kg	32.50	0	0	0.81	371,253 M 109000	
8	Fine Aggregate (Sand for Concrete)	Tan Chau	m <sup>3</sup>	2.90	0	49,455	0.00	143,434 M 111000	
9	Coarse Aggregate (aggregate for Concrete)	Co To	m <sup>3</sup>	4.28	0	125,091	0.00	535,220 M 112000	
Summary									
per m <sup>3</sup>									
REMARKS: E=1.00m <sup>3</sup> Cm=2.0min K=0.9 Q=E*0.9*60/2 (m <sup>3</sup> /hr) 4,831,218 483,122									





1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT										Unit: 10	m3
Process Cost										150kg/cm2	211500
Concrete Production Class - G										Sheet #: PC	211500
No.	Description	Specification	Unit	Quantity	Unit Price			Combined Total Cost		Remarks	
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	(VND)		
1					0	0	0	0	0		
2	Skilled Labor	Local	M/day	0.21	0	0.00	118,898	0.00	24,969	L	104000
3	Common Labor	Local	M/day	0.83	0	0.00	58,671	0.00	48,697	L	103000
4	Concrete Batch Plant	60m3/hr	hr	0.37	11,460	0.00	46,716	0.00	570,841	EL	115000
5	Wheel Loader	2.1m3	hr	0.37	3,808	0.00	58,020	0.00	205,420	EL	116000
6	Portland Cement	PC-40	t	3.15	0	0.00	696,291	0.00	2,193,317	M	106000
7	Water - Reducing Agent		kg	0.00	0	0.00	0	0.81	0	M	109000
8	Fine Aggregate ( Sand for Concrete )	Tan Chau	m3	3.17	0	0.00	49,455	0.00	156,772	M	111000
9	Coarse Aggregate ( aggregate for Concrete )	Co. 1o	m3	4.67	0	0.00	125,091	0.00	584,175	M	112000
Summary											
per m3											
REMARKS											
E=1.00m3 Q=E*0.9*6072 (m3/hr)											
Cm=2.0min											
k=0.9											
3,784,190											
378,419											





1US\$=108JP Yen=14,100VND

No.	Description	Specification	Unit	Quantity	Unit Price				Combined Total Cost		Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	(VND)	(US\$)	
1										0	
2	Skilled Labor	Local	M/day	0.21	0	0.00	118,898	0.00	24,969	L	104000
3	Common Labor	Local	M/day	0.83	0	0.00	58,671	0.00	48,697	L	103000
4	Concrete Batcher Plant	60m <sup>3</sup> /hr	hr	0.37	11,460	0.00	46,716	0.00	570,841	EL	115000
5	Wheel Loader	2.1m <sup>3</sup>	hr	0.37	3,808	0.00	58,020	0.00	205,420	EL	116000
6	Portland Cement	PC-40	t	5.00	0	0.00	696,291	0.00	3,481,455	M	106000
7	Increase viscosity agent	High Performance Concrete	kg	45.00	2,380	0.00	0	0.00	13,982,500	M	110000
8	Fine Aggregate ( Sand for Concrete )	Tan Chau	m <sup>3</sup>	2.70	0	0.00	49,455	0.00	133,529	M	111000
9	Coarse Aggregate ( aggregate for Concrete )	Co To	m <sup>3</sup>	3.99	0	0.00	125,091	0.00	499,113	M	112000
Summary											
per m <sup>3</sup>											

18,946,523  
 1,894,652  
 E=1.00m<sup>3</sup>  
 Cm=2.0min  
 k=0.9

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT													
Concrete Placing (Plain, RC Structure)													
Pump (Less than 50m <sup>3</sup> /day)													
Unit: m <sup>3</sup>													
Sheet #: PC 221100													
No.	Description	Specification	Unit	Quantity	Unit Price	Unit Price			Local Currency (US\$)			Remarks	
						Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Local Currency (VND)	Combined Total Cost (VND)		
1	Foreman	Local	M/day	0.15	0	0.00	146,392	0.00	0.00	21,959	L	101000	
2	Skilled Labor	Local	M/day	0.42	0	0.00	118,898	0.00	0.00	49,937	L	104000	
3	Common Labor	Local	M/day	0.64	0	0.00	58,671	0.00	0.00	37,549	L	103000	
4	Concrete Pump Vehicle	90 - 110m <sup>3</sup> /hr	hr	0.92	5,724	0.00	57,513	0.00	0.00	740,418	EL	117000	
5	Miscellaneous Fee	1% of above								8,499			
Summary												858,361	
per m <sup>3</sup>												85,836	
REMARKS													
Less than 50m <sup>3</sup> / day													









1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT			Concrete Placing ( Concrete Slab for Bridge )			Pump(Less than 50m <sup>3</sup> /day)			Unit: m <sup>3</sup>		
Process Cost						Sheet #: PC			221200		
No.	Description	Specification	Unit	Quantity	Unit Price	Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Cost (VND)	Remarks
1	Foreman	1*0.15	M/day	0.15		0	0.00	146,392	0.00	21,959 L	101000
2	Skilled Labor	1*0.42	M/day	0.42		0	0.00	118,898	0.00	49,937 L	104000
3	Common Labor	1*0.64	M/day	0.64		0	0.00	58,671	0.00	37,549 L	103000
4	Concrete Pump Vehicle	90 - 110m <sup>3</sup> /hr	hr	1.11		5,724	0.00	57,513	0.00	893,389 EL	117000
5	Miscellaneous Fee	1% of above								10,028	
Summary											
pet m <sup>3</sup> Less than 50m <sup>3</sup> / day											
										1,012,862	
										101,286	
REMARKS											

1US\$=108JP Yen=14,100VND

No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)		Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Foreman	Local 1*0.15	M/day	0.15	0	0.00	146,392	0.00	L 21,959	101000
2	Skilled Labor	Local 1*0.42	M/day	0.42	0	0.00	118,898	0.00	49,937	L 104000
3	Common Labor	Local 1*0.64	M/day	0.64	0	0.00	58,671	0.00	37,549	L 103000
4	Concrete Pump Vehicle	90 - 110m3/hr	hr	1.11	5,724	0.00	57,513	0.00	893,389	EL 117000
5	Miscellaneous Fee	1% of above							10,028	
<b>Summary</b>										
per m3										
REMARKS										
Less than 50m3 / day										
								1,012,862		
								101,286		







**CAN THO BRIDGE CONSTRUCTION PROJECT**  
 Process Cost: Concrete Placing ( Concrete Slab for Bridge ) Pump(300-600m<sup>3</sup>/day) Unit: 10 m<sup>3</sup> Sheet #: PC 231240

No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)	Local Currency (US\$)	Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (US\$)				
1	Foreman	Local 1*0.04	M/day	0.04	0	0.00	146,392	0.00	5,856	L 101000	
2	Skilled Labor	Local 1*0.27	M/day	0.27	0	0.00	118,898	0.00	37,102	L 104900	
3	Common Labor	Local 1*0.20	M/day	0.20	0	0.00	58,671	0.00	11,734	L 103000	
4	Concrete Pump Vehicle	90 - 110m <sup>3</sup> /hr 1*0.63	hr	0.63	5,724	0.00	57,513	0.00	507,016	EL 117000	
5	Miscellaneous Fec	1% of above							5,567		
Summary										562,275	
	per m <sup>3</sup>									56,228	
REMARKS											

300 - 600 m<sup>3</sup> /day

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

Concrete Placing (Plain, RC Structure)

Crane (Less than 30m<sup>3</sup>/day)

Unit: 10

m<sup>3</sup>

Sheet #: PC 222100

No.	Description	Specification	Unit	Quantity	Unit Price				Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Foreman	Local 1*0.31	M/day	0.31	0	0.00	146,392	0.00	45,382 JL	101000
2	Skilled Labor	Local 1*0.62	M/day	0.62	0	0.00	118,898	0.00	73,717 JL	104000
3	Common Labor	Local 1*0.87	M/day	0.87	0	0.00	58,671	0.00	51,044 JL	103000
4	Crawler Crane	50t 1*0.28	day	0.28	0	0.00	2,185,635	0.00	611,978 JEL	119000
5	Miscellaneous Fee	3% of above							23,464	
Summary										
									805,585	
per m <sup>3</sup>										
REMARKS										
Less than 30m <sup>3</sup> /day										

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT											
Process Cost											
Concrete Placing (Plain, RC Structure)											
Crane (more than 30m <sup>3</sup> /day)											
Unit: 10 m <sup>3</sup>											
Sheet #: PC 222110											
No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Local Currency (VND)		
1	Foreman	1*0.18	M/day	0.18	0	0.00	146,392	0.00	26,351	L	101000
2	Skilled Labor	1*0.50	M/day	0.50	0	0.00	118,898	0.00	59,449	L	104000
3	Common Labor	1*0.65	M/day	0.65	0	0.00	58,671	0.00	38,136	L	103000
4	Crawler Crane	1*0.20	day	0.20	0	0.00	2,185,635	0.00	437,127	EL	119000
5	Miscellaneous Fee	2% of above							11,221		
Summary											572,284
per m <sup>3</sup>											57,228
REMARKS											
More than 30m <sup>3</sup> / day											



CAN THO BRIDGE CONSTRUCTION PROJECT

Man Power

Concrete Placing ( Small Structure )

Unit: 10 m3  
Sheet #: PC 223200

No.	Description	Specification	Unit	Quantity	Unit Price			Combined Total Cost (VND)		Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Foreman	1*0.72 Local	M/day	0.72	0	0.00	146,392	0.00	105,402 L	101000
2	Skilled Labor	1*0.84 Local	M/day	0.84	0	0.00	118,898	0.00	99,874 L	104000
3	Common Labor	1*3.06 Local	M/day	3.06	0	0.00	58,671	0.00	179,533 L	103000
4	Miscellaneous Fee	4% of above							15,392	
Summary										
per m3										
REMARKS										
									400,201	
									40,020	





1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT											
Process Cost		Curing ( Reinforced Concrete Structure )							Normal		
										Unit: 10	m <sup>3</sup>
										Sheet #: PC	231230
No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)	Local Currency (US\$)	Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)				
1	Common Labor	Local	M/day	0.14	0	0.00	58,671	0.00	8,214	L	103000
2	Miscellaneous Fee	41 % of above							3,368		
Summary										11,582	
Per m <sup>3</sup>										1,158	
REMARKS											

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT		Normal		Unit: 10	m3	Sheet #: PC		231300	
Process Cost		Curing ( Small Structure )							
No.	Description	Specification	Unit	Quantity	Unit Price			Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)		
	Common Labor	Local	M/day	0.74	0	0.00	58,671	0.00	43,417 L 103000
	Miscellaneous Fee	16 % of above							6,947
Summary								50,364	
per m3								5,036	
REMARKS									

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Form Work for Concrete H<4m

Unit: 100 m2  
Sheet #: PC 241100

No.	Description	Specification	Unit	Quantity	Unit Price			Combined Total Cost (VND)			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Local Currency (VND)		
1	Foreman	Local 1*3.6	M/day	3.60	0	0.00	146,392	0.00	527,011	0	101000
2	Carpenter	Local 1*18.2	M/day	18.20	0	0.00	96,255	0.00	1,751,841	0	112000
3	Common Labor	Local 1*11.2	M/day	11.20	0	0.00	58,671	0.00	657,115	0	103000
4	Miscellaneous Fee	9% of above							264,237		
Summary											
									3,200,204		

per m2  
REMARKS







CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Form Work for Concrete H<4m (Circle) Unit: 100 m2 Sheet #: PC 241300

No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)	Local Currency (US\$)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)			
1	Foreman	Local	M/day	3.90	0	0.00	146,392	0.00	570,929 L	101000
2	Carpenter	Local	M/day	20.90	0	0.00	96,255	0.00	2,011,730 L	112000
3	Common Labor	Local	M/day	18.70	0	0.00	58,671	0.00	1,097,148 L	103000
4	Miscellaneous Fee	10 % of above							367,981	
									4,047,788	
									40,478	

Summary

per m2

REMARKS

Radius is less than 5m

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT

Form Work for Concrete

4m<H<30m ( Circle )

Unit: 100

m2

Sheet #: PC 24/400

No.	Description	Specification	Unit	Quantity	Unit Price				Local Currency (USD)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (USD)	Local Currency (VND)	Local Currency (USD)		
	Foreman	1*5.7	M/day	5.70	0	0.00	146,392	0.00	834,434 L	101000
	Carpenter	1*22.4	M/day	22.40	0	0.00	96,255	0.00	2,156,112 L	112000
	Common Labor	1*14.5	M/day	14.50	0	0.00	58,671	0.00	850,730 L	103000
	Miscellaneous Fee	10 % of above			0	0	0	0	384,128	
	Truck Crane	20 - 22t	day	1.00	0	0.00	1,558,497	0.00	1,558,497 EL	123000
Summary										
									5,785,901	
per	m2								57,839	
REMARKS										

Radius is less than 5m



1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Form Work for Concrete

Level Concrete

Unit: 10

m<sup>2</sup>

Sheet #: PC

241500

No.	Description	Specification	Unit	Quantity	Unit Price				Local Currency (US\$)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Foreman	Local	M/day	0.10	0	0.00	146,392	0.00	14,639 L	101000
2	Carpenter	Local	M/day	1.00	0	0.00	96,255	0.00	96,255 L	112000
3	Common Labor	Local	M/day	0.40	0	0.00	58,671	0.00	23,468 L	103000
4	Miscellaneous Fee	16 % of above							21,498	
Summary										
									155,860	
per m <sup>2</sup>									15,586	
REMARKS										



1US\$=108JP Yen=14,100VND

**CAN THO BRIDGE CONSTRUCTION PROJECT**

Process Cost Concrete Transportation Truck Mixer (2.0km) Unit: 1 m3 Sheet # PC 251500

No.	Description	Specification	Unit	Quantity	Unit Price				Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
	Truck Mixer	4.4 - 4.5m3	hr	0.17	1,764	0.00	52,053	0.00	48,016 EL	138000
Summary										48,016
per m3										48,016

REMARKS  
 $Q=(C*60*X2) / (T1+X1+T3) = 5.79m3/hr$   
 $X1=L/2/V*60$   
 $L=2.0km, V=10km/hr, X2=0.9, T1=8min, C=4.5m3, T2=10min$

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT  
 Process Cost Scaffolding ( Prefabricated Scaffold ) 2m<H<4m Unit: 100 m2 Sheet #: PC 271110

No.	Description	Specification	Unit	Quantity	Unit Price				Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Foreman	Local 1*2.1	M/day	2.10	0	0.00	146,392	0.00	307,423 L	101000
2	Rigger	Local 1*3.7	M/day	3.70	0	0.00	118,898	0.00	439,923 L	105000
3	Common Labor	Local 1*5.3	M/day	5.30	0	0.00	58,671	0.00	310,956 L	103000
4	Miscellaneous Fee	16 % of above							169,328	
Summary										
									1,227,630	
									12,276	

Per m2  
 REMARKS

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT													
Process Cost													
Scaffolding ( Prefabricated Scaffold )													
4m<H<30m													
Unit: 100 m2													
Sheet #: PC 271120													
No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)			Local Currency (US\$)	Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (VND)	Local Currency (VND)				
1	Foreman	Local	M/day	1.30	0	0.00	146,392	0.00	190,310	0.00	101000	L	
2	Rigger	Local	M/day	4.00	0	0.00	118,898	0.00	475,592	0.00	105000	L	
3	Common Labor	Local	M/day	4.00	0	0.00	58,671	0.00	234,684	0.00	103000	L	
4	Truck Crane	20 - 22t	day	0.70	0	0.00	1,538,497	0.00	1,090,948	0.00	123000	EL	
5	Miscellaneous Fee	18 % of above							358,476				
Summary													
per m2													
REMARKS													



No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (US\$)		Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
	Foreman	Local 1*2.2	M/day	2.20	0	0.00	146,392	0.00	322,062	L 101000	
	Rigger	Local 1*4.0	M/day	4.00	0	0.00	118,898	0.00	475,592	L 105000	
	Common Labor	Local 1*6.0	M/day	6.00	0	0.00	58,671	0.00	352,026	L 103000	
	Truck Crane	20 - 22t	day	0.30	0	0.00	1,558,497	0.00	1,246,798	EL 123000	
	Miscellaneous Fee	12 % of above							287,577		
	<b>Summary</b>								2,684,055		
	per m2								26,841		
<b>REMARKS</b>											

CAN THO BRIDGE CONSTRUCTION PROJECT  
 Process Cost     Scaffolding ( Pipe Scaffold )     4m<H<30m     Unit: 100 m2     Sheet #: PC 271140

1US\$=108JP Yen=14,100VND

No.	Description	Specification	Unit	Quantity	Unit Price				Combined Total Cost (VND)			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
1	Foreman	Local 1*2.0	M/day	2.00	0	0.00	146,392	0.00	292,784	L	101000	
2	Rigger	Local 1*3.0	M/day	3.00	0	0.00	118,898	0.00	356,694	L	105000	
3	Common Labor	Local 1*4.0	M/day	4.00	0	0.00	58,671	0.00	234,684	L	103000	
4	Miscellaneous Fee	8 % of above							70,733			
									954,895			
Summary									9,549			
Per m2												
REMARKS												



CAN THO BRIDGE CONSTRUCTION PROJECT													
Process Cost				Scaffolding (Lean Pipe Scaffold)				4m<H<30m		Unit: 100 m2		Sheet #: PC 271160	
No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)		Local Currency (US\$)	Combined Total Cost (VND)		Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Local Currency (VND)		Local Currency (US\$)		
1	Foreman	Local 1*1.5	M/day	1.50	0	0.00	146,392	0.00	0.00	219,588	L	101,000	
2	Rigger	Local 1*2.3	M/day	2.30	0	0.00	118,898	0.00	0.00	273,465	L	105,000	
3	Common Labor	Local 1*3.1	M/day	3.10	0	0.00	58,671	0.00	0.00	181,880	L	103,000	
4	Truck Grant	20 - 22t	day	0.80	0	0.00	1,558,497	0.00	0.00	1,246,798	EL	123,000	
5	Miscellaneous Fee	10 % of above								192,173			
Summary											2,113,904		
Per 100m2											21,139		
REMARKS													

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT														Unit: 100	m <sup>3</sup>	
Process Cost														2m<H<4m, P<39.2kN	Sheet #: PC	272110
No.	Description	Specification	Unit	Quantity	Unit Price			Combined Total Cost			Remarks					
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)						
1	Foreman	Local	M/day	2.50	0	0.00	146,392	0.00	365,980	L	101000					
2	Carpenter	Local	M/day	4.00	0	0.00	96,255	0.00	385,020	L	112000					
3	Rigger	Local	M/day	2.90	0	0.00	118,898	0.00	344,804	L	105000					
4	Common Labor	Local	M/day	5.90	0	0.00	58,671	0.00	346,159	L	103000					
5	Miscellaneous Fee			9 % of above					129,777							
Summary										1,571,740						
per m <sup>3</sup>										15,717						

Concrete Thickness (≤130cm)

REMARKS

1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Supporting ( Pipe Supports )

2m<H<4m, 39.2<P<58.8kN

Unit: 100 m3

Sheet #: PC 272120

No.	Description	Specification	Unit	Quantity	Unit Price				Local Currency (VND)	Local Currency (US\$)	Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)				
1	Foreman	Local 1*4.3	M/day	4.30	0	0.00	146,392	0.00	629,486	L	101000	
2	Carpenter	Local 1*8.8	M/day	8.80	0	0.00	96,255	0.00	847,044	L	112000	
3	Rigger	Local 1*2.3	M/day	2.30	0	0.00	118,898	0.00	273,465	L	105000	
4	Common Labor	Local 1*11.3	M/day	11.30	0	0.00	58,671	0.00	662,982	L	103000	
5	Miscellaneous Fee	9 % of above							217,168			
Summary												
Concrete Thickness ( 130<ts<190 cm )												
										2,630,145		
										26,301		
REMARKS												





1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT									Unit: 10 nos		
Process Cost									Sheet #: PC 330000		
Wood Pile									L=less than 3.0m		
No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)	Local Currency (US\$)	Combined Total Cost: (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)				
1	Foreman	Local 1*0.17	M/day	0.17	0	0.00	146,392	0.00	24,887	L	101000
2	Common Labor	Local 1*0.34	M/day	0.34	0	0.00	58,671	0.00	19,948	L	103000
3	Concrete Breaker with Backhoe0.35m3	Hydraulic Type 600 - 800kg * 1*0.94	hr	0.94	0	0.00	306,482	0.00	288,093	EL	143000
	Miscellaneous Fec	2 % of above							6,659		
4	Wood Pile	D80-100mm 3m	m	3.00	0	0.00	3,200	0.00	9,600	M	150400
Summary									349,187		
per nos									34,919		
REMARKS											



1US\$=108JP Yen=14,100VND

**CAN THO BRIDGE CONSTRUCTION PROJECT**  
 Process Cost      ReberFabrication of girder (PTI-girder)      Unit: t      Sheet #: PC      410110

No.	Description	Specification	Unit	Quantity	Unit Price				Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Foreman	Local 1*0.6	M/day	0.60	0	0.00	146,392	0.00	87,835 L	101000
2	Steel Worker	Local 1*4.0	M/day	4.00	0	0.00	79,622	0.00	318,488 L	102000
3	Common Labor	Local 1*2.8	M/day	2.80	0	0.00	58,671	0.00	164,279 L	103000
4	Miscellaneous Fee	7 % of above							39,942	
5	Electric Cost	0.3 % of above							1,712	
6	ReBar	SD390 1*(1+K)	t	1.05	0	0.00	0	250.40	3,707,172 M	124000
Summary										
									4,319,428	

per t      REMARKS      K=0.05















1US\$=108JP Yen=14,100VND

No.	Description	Specification	Unit	Quantity	Unit Price				Local Currency (VND)	Local Currency (US\$)	Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)				
1	Foreman	Local 1*0.6	M/day	0.60	0	0.00	146,392	0.00	87,825	L	101000	
2	Steel Worker	Local 1*4.0	M/day	4.00	0	0.00	79,622	0.00	318,488	L	102000	
3	Common Labor	Local 1*2.8	M/day	2.80	0	0.00	58,671	0.00	164,279	L	103000	
4	Miscellaneous Fee	5 % of above							28,530			
5	Electric Cost	0.3 % of above							1,712			
6	ReBar	D28-D32 SD390 1*(1+K)	1	1.05	0	0.00	0	250.40	3,707,172	M	124003	
Summary												
per 1												
REMARKS												
K=0.05												
4,308,016												
4,308,016												

1US\$=108JP Yen=14,100VND

No.	Description	Specification	Unit	Quantity	Unit Price				Local Currency (VND)	Local Currency (US\$)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
1	Foreman	Local	M/day	0.60	0	0.00	146,392	0.00	87,835	L 101000	
2	Steel Worker	Local	M/day	4.00	0	0.00	79,622	0.00	318,488	L 102000	
3	Common Labor	Local	M/day	2.80	0	0.00	58,671	0.00	164,279	L 103000	
4	Miscellaneous Fee	4 % of above							22,824		
5	Electric Cost	0.3 % of above							1,712		
6	ReBar	SD390	t	1.05	0	0.00	0	250.40	3,707,172	M 124000	
Summary										4,302,310	
per t										4,302,310	

REMARKS  
 K=0.05





**CAN THO BRIDGE CONSTRUCTION PROJECT**  
 Process Cost  
 D16-D25 (25-30 girders)  
 RebarFabrication of girder (PTI-girder)  
 Unit: 1  
 Sheet #: PC  
 410132

No.	Description	Specification	Unit	Quantity	Unit Price	Unit Price				Combined Total Cost (VND)	Remarks
						Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Foreman	Local 1*0.6	M/day	0.60	0	0.00	146,392	0.00	87,835	L	101000
2	Steel Worker	Local 1*4.0	M/day	4.00	0	0.00	79,622	0.00	318,488	L	102000
3	Common Labor	Local 1*2.8	M/day	2.80	0	0.00	58,671	0.00	164,279	L	103000
4	Miscellaneous Fee	4% of above							22,824		
5	Electric Cost	0.3% of above							1,712		
6	ReBar	D16-D25 SD390 1*(1+K)	1	1.05	0	0.00	0	250.40	3,707,172	M	124002
<b>Summary</b>											
										4,302,310	
										4,302,310	

REMARKS K=005



1US\$=108JP Yen=14,100VND

CAN THO BRIDGE CONSTRUCTION PROJECT										Unit: m	
Process Cost										Sheet #: PC	
PC Cable Installation Work (PTL-grider)										410210	
1300KN type (3-7griders)											
No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)	Local Currency (US\$)	Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)				
1	Foreman	Local 1*1.2	M/day	1.20	0	0.00	146,392	0.00	175,670	L 101000	
2	Skilled Labor	Local 1*4.7	M/day	4.70	0	0.00	118,898	0.00	558,821	L 104000	
3	Common Labor	Local 1*4.3	M/day	4.30	0	0.00	58,671	0.00	252,285	L 103000	
4	Miscellaneous Fee	17 % of above							167,752		
5	Erection Cost	0.2 % of above							1,974		
6	PC Cable	1300KN Type (7S12.7, 8S12.4 w*(1+0.05)	kg	612.00	0	0.77	0	0.00	6,644,484	M 140011	
7	Sheath for PC Cable	D55 100*(1+0.04)	m	104.00	236	0.00	0	0.00	3,204,356	M 140071	
Summary										11,005,341	
per m										110,053	
REMARKS											



1US\$=108JP Yen=14,100VND

No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)	Local Currency (US\$)	Combined Total Cost (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (US\$)				
1	Foreman	Local	M/day	1.80	0	0.00	146,392	0.00	263,506	L	101000
2	Skilled Labor	Local	M/day	7.00	0	0.00	118,898	0.00	832,286	L	104000
3	Common Labor	Local	M/day	6.50	0	0.00	58,671	0.00	381,362	L	103000
4	Miscellaneous Fee	17 % of above							251,116		
5	Election Cost	0.2 % of above							2,954		
6	PC Cable	3100kN Type (12S15.2B)	kg	1,387.00	0	0.77	0	0.00	15,058,659	M	140013
7	Sheath for PC Cable	D75	m	104.00	331	0.00	0	0.00	4,494,244	M	140073
Summary											
										21,284,128	
										212,841	

1US\$=108JP Yen=14,100VND

**CAN THO BRIDGE CONSTRUCTION PROJECT**

Process Cost PC Cable Installation Work (PT1-giader) 1300kN type (8-24-giaders) Unit: 100 m

Sheet # PC 410240

No.	Description	Specification	Unit	Quantity	Unit Price			Combined Total Cost			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
1	Foreman	Local 1*1.2	M/day	1.20	0	0.00	146,392	0.00	175,670	L 101000	
2	Skilled Labor	Local 1*4.7	M/day	4.70	0	0.00	118,898	0.00	538,821	L 104000	
3	Common Labor	Local 1*4.3	M/day	4.30	0	0.00	58,671	0.00	252,285	L 103000	
4	Miscellaneous Fee	12 % of above							118,413		
5	Election Cost	0.2 % of above							1,974		
6	PC Cable	1300kN Type (7S12.7, 8S12.4 w*(1+0.05)	kg	612.00	0	0.77	0	0.00	6,644,484	M 140011	
7	Sheath for PC Cable	D55 100*(1+0.04)	m	104.00	236	0.00	0	0.00	3,204,356	M 140071	
Summary										10,956,002	
Per m										109,560	

REMARKS