

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

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
1	Foreman	Local 1*4.4	M/day	4.40	0	0.00	146,592	0.00	644,125	L	101000
2	Skilled Labor	Local 1*23.3	M/day	23.30	0	0.00	118,898	0.00	2,770,323	L	104000
3	Common Labor	Local 1*17.3	M/day	17.30	0	0.00	58,671	0.00	1,015,008	L	103000
	Miscellaneous Fee	8 % of above							354,356		
4	Wheel Crane	Hydraulic 25t 1*0.6	day	0.60	C	0.00	1,531,155	0.00	918,693	EL	123100
5	PC Cable	29000kN Type (12S15.2A) 1000*(1+K)	kg	1,060.00	0	0.77	0	0.00	11,508,420	M	140018
Summary											
										17,210,925	
Per t											
										17,210,925	
REMARKS											
K=0.06											

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

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\$)			
1	Foreman	Local 1*4.6	M/day	4.60	0	0.00	146,392	0.00	673,403	L	101000
2	Skilled Labor	Local 1*21.5	M/day	21.50	0	0.00	118,898	0.00	2,556,307	L	104000
3	Common Labor	Local 1*17.8	M/day	17.80	0	0.00	38,671	0.00	1,044,344	L	103000
	Miscellaneous Fee	8 % of above							341,924		
4	Wheel Crane	Hydraulic 25t	day	0.60	0	0.00	1,531,155	0.00	918,693	IEL	123100
5	PC Cable	750kN Type (L2W7B)	kg	1,060.00	0	0.77	0	0.06	11,508,420	M	140019
	Summary									17,043,091	
	Per 1									17,043,091	

K=0.06

REMARKS

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

CAN THO BRIDGE CONSTRUCTION PROJECT

PC Cable Anchorage Installation(PC Cant) k

(Fixed Side)(1900kN)

Unit: IO

nos

Sheet #: PC 433010

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	Skilled Labor	Local	M/day	3.00	0	0.00	118,898	0.00	356,694 L	104000
	Miscellaneous Fee	12 % of above							42,803	
2	Anchorage of PC Cable (Fixed Side)	D12T13E 195,225	nos	10.00	17,760	0.00	0	0.00	23,186,667 M	140032
Summary									23,586,164	
									2,358,616	

per nos

REMARKS

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No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
1	Skilled Labor	Local	M/day	2.10	0	0.00	118,898	0.00	0.00	249,686	L 104000
	Miscellaneous Fee	26 % of above								64,918	
2	Anchorage of PC Cable (Fixed Side)	D12D7B	nos	10.00	2,976	0.00	0	0.00	0.00	3,885,333	M 140037
Summary											
4,199,938											
419,994											

REMARKS

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

No.	Description	Specification	Unit	Quantity	Unit Price			Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	COMBINED TOTAL COST (VND)	Remarks
					Foreign Currency (JP Yen)	Local Currency (US\$)	Local Currency (VND)					
1	Foreman	Local 1*1.5	M/day	1.50	0	0.00	0.00	146,392	0.00	219,588	L 101000	
2	Skilled Labor	Local 1*8.7	M/day	8.70	0	0.00	0.00	118,898	0.00	1,034,413	L 104000	
3	Common Labor	Local 1*5.3	M/day	5.30	0	0.00	0.00	58,671	0.00	310,956	L 103000	
	Miscellaneous Fee	6% of above								93,897		
										0		
4	Anchorage of PC Cable (Tensioning Side)	12T13M220 10	nos	10.00	13,440	0.00	0.00	0	0.00	17,546,667	M 140052	
Summary												
PER NOS											19,205,521	
REMARKS											1,920,552	

CAN THO BRIDGE CONSTRUCTION PROJECT		PC Cable Tension Work (PC Cambi) k													Unit: 10 nos	
Process Cost		(Tension Side)(570kN)													Sheet #: PC 433310	
No.	Description	Specification	Unit	Quantity	Unit Price			Foreign Currency (US\$)			Local Currency (VND)			COMBINED TOTAL COST (VND)	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	0.70	0	0.00	146,392	0.00	0.00	102,474	0.00	0	101000	L		
2	Skilled Labor	Local	M/day	3.10	0	0.00	118,898	0.00	0.00	368,584	0.00	0	104000	L		
3	Common Labor	Local	M/day	1.80	0	0.00	58,671	0.00	0.00	105,608	0.00	0	103000	L		
	Miscellaneous Fee			9 % of above						51,900						
4	Anchorage of PC Cable (Tensioning Side)	IT21.8	nos	10	10.00	3.032	0	0.00	0	3,958,444	0.00	0	140056	M		
Summary													4,587,010			
per nos													458,701			
REMARKS																

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CAN THO BRIDGE CONSTRUCTION PROJECT										Unit: 10	nos
Process Cost										Sheet #: PC	433320
PC Cable Tension Work (PC Canti) k										(Tension Side)(750kN)	
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	M/day	1.10	0	0.00	146,392	0.00	161,031 L	101000	
2	Skilled Labor	Local	M/day	5.00	0	0.00	118,898	0.00	594,490 L	104000	
3	Common Labor	Local	M/day	2.10	0	0.00	58,671	0.00	123,209 L	103000	
	Miscellaneous Fee	9 % of above							79,086		
4	Anchorage of PC Cable (Tensioning Side)	12D7	nos	10.00	3,168	0.00	0	0.00	4,136,000 M	140057	
Summary										5,093,816	
per nos										509,382	
REMARKS											

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Process Cost		PC Cable Tension Work (PC Cant)		(2200RN)		Unit: 10 nos		Sheet #: PC 433420		Remarks	
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*1.1	M/day	1.10	0	0.00	146,392	0.00	161,031 L	101000	
2	Skilled Labor	1*6.6	M/day	6.60	0	0.00	118,898	0.00	784,727 L	104000	
3	Common Labor	1*3.0	M/day	3.00	0	0.00	58,671	0.00	176,013 L	103000	
	Miscellaneous Fee	6% of above							67,306		
4	Anchorage of PC Cable (Tensioning Side)	12T13M220	nos	10.00	13,440	0.00	0	0.00	17,546,667 M	140052	
Summary									18,735,744		
Per nos									1,873,574		
REMARKS											

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CAN THO BRIDGE CONSTRUCTION PROJECT			39.2kN/m ² <P<49.0kN/m ²							Unit: 100 m ³	
Process Cost			Prefabricated Supporting Work (Side Span)							Sheet #: PC 433513	
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*0.79	M/day	0.79	0	0.00	146,392	0.00	115,650	L	101000
2	Skilled Labor	Local 1*3.13	M/day	3.13	0	0.00	118,898	0.00	372,151	L	104000
3	Common Labor	Local 1*2.12	M/day	2.12	0	0.00	58,671	0.00	124,383	L	103000
4	Wheel Crane	Hydraulic 25t	day	0.38	0	0.00	1,531,155	0.00	581,839	EL	123100
5	Fabricated Supporting for Side Span of Cantilever	39.2kN/m ² <P<49.0kN/m ² , 10m<L<20m, 8.4m<H<	day in demand	60.00	900	0.00	0	0.00	7,050,000	EL	165130
Summary										8,244,023	
Per m ³										82,440	
REMARKS											

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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)	Local Currency (US\$)	
1	Foreman	Local	M/day	1.07	0	0.00	146,392	0.00	156,639	L	101000
2	Skilled Labor	Local	M/day	4.25	0	0.00	118,898	0.00	505,317	L	104000
3	Common Labor	Local	M/day	2.86	0	0.00	58,671	0.00	167,799	L	103000
4	Wheel Crane	Hydraulic 25t	day	0.51	0	0.00	1,531,155	0.00	780,889	EL	123100
5	Fabricated Supporting for Side Span of Cantilever	68.6kN/m2 < P < 78.5kN/m2, 10m < L < 20m, 8.4m < H < 4	day in demand	60.00	1,225	0.00	0	0.00	9,595,833	EL	165160
Summary											
										11,206,477	
										112,065	

REMARKS

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CAN THO BRIDGE CONSTRUCTION PROJECT
 Process Cost. Frame Square Sets Supporting (Side Span) 19.6kN/m² < P < 29.4kN/m² Unit: 100 m³ Sheet #: PC 433521

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*0.44	M/day	0.44	0	0.00	146,392	0.00	64,412	L	101000
2	Skilled Labor	Local 1*2.19	M/day	2.19	0	0.00	118,898	0.00	260,387	L	104000
3	Common Labor	Local 1*1.75	M/day	1.75	0	0.00	58,671	0.00	102,674	L	103000
4	Wheel Crane	Hydraulic 25t	day	0.43	0	0.00	1,531,155	0.00	658,397	EL	123100
5	Frame Square Sets for Side Span of Cantilever (10	19.6kN/m ² < P < 29.4kN/m ² , 10m < L, 7.8 < H < 10.8m,	day, in demand	60.00	407	0.00	0	0.00	3,188,167	EL	165210
Summary										4,274,037	
Per m ³										42,740	
REMARKS											

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost
 FrameSquareSetsSupporting (SideSpan)
 29.4kN/m²<P<39.2kN/m²
 Unit: 100 m³
 Sheet #: PC 433522

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*0.50	M/day	0.50	0	0.00	146,392	0.00	73,196	L 101000
2	Skilled Labor	Local 1*2.50	M/day	2.50	0	0.00	118,898	0.00	297,245	L 104000
3	Common Labor	Local 1*2.01	M/day	2.01	0	0.00	58,671	0.00	117,929	L 103000
4	Wheel Crane	Hydraulic 25t	day	0.50	0	0.00	1,531,155	0.00	765,578	EL 123100
5	Frame Square Sets for Side Span of Cantilever (10	29.4kN/m ² <P<39.2kN/m ² , 10m<L<10.8m, 1	day in demand	60.00	566	0.00	0	0.00	4,433,667	EL 165220
	Summary								5,687,615	
	per m ³								56,876	

REMARKS

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CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Frame Square Sets Supporting (Side Span) 49.0kN/m² < P < 58.8kN/m² Unit: 100 m³ Sheet #: PC 433524

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)	Local Currency (US\$)	
1	Foreman	Local	M/day	0.65	0	0.00	146,392	0.00	95,155	101,000	L
2	Skilled Labor	Local	M/day	3.22	0	0.00	118,898	0.00	382,852	104,000	L
3	Common Labor	Local	M/day	2.58	0	0.00	58,671	0.00	151,371	103,000	L
4	Wheel Crane	Hydraulic 25t	day	0.61	0	0.00	1,531,155	0.00	934,005	123,100	EL
5	Frame Square Sets for Side Span of Cantilever (10	49.0kN/m ² < P < 58.8kN/m ² , 10m < L < 7.8 < H < 10.8m,	day in demand	60.00	723	0.00	0	0.00	5,663,500	165,240	EL
									7,226,883		
Summary									72,269		
per m ³											
REMARKS											

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CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Depression of Equipment (Large Tra Va)

Unit: 1 lot
Sheet #: PC 433610

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
1	Form Traveler for Cantilever Erection	2girders, w=less than 14m 1*(B+F)	day in demand	604.00	27,138	0.00	0	0.00	2,139,982,067	0	EL 167000
2	Erection Tools for Cast in Situ Girder	1*C	day in demand	70.00	4,240	0.00	0	0.00	38,748,889	0	EL 168000
3	Chain Block	5.00t, 6m	day in demand	576.00	474	0.00	0	0.00	35,644,800	0	EL 169000
4		1*A*2		926.00	0	0.00	0	0.00	0	0	
5	Electric Drill	10-20mm	day in demand	926.00	25	0.00	0	0.00	3,022,361	0	EL 171000
6	Rebar Cutter & Rebar Bender	1*A*2	day in demand	926.00	0	0.00	39,789	0.00	36,844,614	0	EL 173100
8	Gas Cutting Apparatus	Acetylene	day in demand	926.00	15	0.00	0	0.00	1,813,417	0	EL 174000
9	Rebar Cutter & Rebar Bender	1*A*2	day in demand	926.00	0	0.00	103,206	0.00	95,568,756	0	EL 175000
10	Electric Internal Vibrator	(23 - 32mm)	day in demand	5,556.00	175	0.00	0	0.00	126,939,167	0	EL 176000
11	High Press Washer	3.7kW	day in demand	926.00	656	0.00	0	0.00	79,306,756	0	EL 177000
12	Tensioning Jack	400t	day in demand	569.26	4,050	0.00	0	0.00	300,996,225	0	EL 178030
13	Tensioning Jack	100t	day in demand	284.63	1,750	0.00	0	0.00	65,030,114	0	EL 178010
12	Tensioning Jack, Pump	3.7kW	day in demand	284.63	2,290	0.00	0	0.00	85,096,894	0	EL 179000
	Adaptation fee of form traveler	8% of basic price		2.00	2,600,000	0.00	0	0.00	678,888,889	0	
14	Grout Mixer	(100 //min)	day in demand	280.63	341	0.00	0	0.00	12,493,514	0	EL 180000
15	Grouting Pump	(15-30 l/min)	day in demand	561.26	868	0.00	0	0.00	63,603,272	0	EL 181000
16	Winch	9.8kN	day in demand	280.63	1,063	0.00	0	0.00	38,946,028	0	EL 182000
17	Generator	Diesel 45kVA	day in demand	926.00	0	0.00	251,140	0.00	232,555,640	0	EL 136500
18	Miscellaneous Fee	3 % of above							121,064,442		
	Summary								4,156,545,844		
	per lot								4,156,545,844		

REMARKS

CAN THO BRIDGE CONSTRUCTION PROJECT												
Process Cost												
Depression of Equipment (Tra On)												
Unit: 1 lot 433620												
No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			Remarks	
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Form Traveler for Cantilever Erection	2girders, w=less than 14m	1*(B+F)	day in demand	604.00	27,138	0.00	0	0.00	2,139,982,067	EL	167000
2	Erection Tools for Cast in Situ Girder	1*C	1*C	day in demand	70.00	4,240	0.00	0	0.00	38,748,889	EL	168000
3	Chain Block	5.00t, 6m	1*B	day in demand	576.00	474	0.00	0	0.00	35,644,800	EL	169000
4		1*A*2	1*A*2	day in demand	926.00	0	0.00	0	0.00	0		
5	Electric Drill	10-20mm	1*A*2	day in demand	926.00	25	0.00	0	0.00	3,022,361	EL	171000
6	Rebar Cutter & Rebar Bender	1*A*2	1*A*2	day in demand	926.00	0	0.00	39,789	0.00	36,844,614	EL	173100
8	Gas Cutting Apparatus	Acetylene	1*A*2	day in demand	926.00	15	0.00	0	0.00	1,813,417	EL	174000
9	Rebar Cutter & Rebar Bender		1*A*2	day in demand	926.00	0	0.00	103,206	0.00	95,568,756	EL	175000
10	Electric Internal Vibrator	(23 - 32mm)	1*6*A*2	day in demand	5,556.00	175	0.00	0	0.00	126,939,167	EL	176000
11	High Press Washer	3.7kW	1*A*2	day in demand	926.00	656	0.00	0	0.00	79,306,756	EL	177000
12	Tensioning Jack	400t	1*(A+E)*4	day in demand	569.26	4,050	0.00	0	0.00	300,996,225	EL	178030
13	Tensioning Jack	100t	1*(A+E)*2	day in demand	284.63	1,750	0.00	0	0.00	65,030,114	EL	178010
12	Tensioning Jack Pump	3.7kW	1*(A+E)*2	day in demand	284.63	2,290	0.00	0	0.00	85,096,503	EL	179000
	Adaptation fee of form traveler		8% of basic price		2.00	2,600,000	0.00	0	0.00	678,888,889		
14	Grout Mixer	(100 //min)	1*A*1	day in demand	140.32	341	0.00	0	0.00	6,246,953	EL	180000
15	Grouting Pump	(15-30 l/min)	1*A*2	day in demand	280.63	868	0.00	0	0.00	31,801,636	EL	181000
16	Winch	9.8kN	1*A*2	day in demand	280.63	1,063	0.00	0	0.00	36,946,028	EL	182000
17	Generator	Diesel 45kVA	1*A*2	day in demand	926.00	0	0.00	251,140	0.00	232,555,640	EL	136500
18	Miscellaneous Fee	3 % of above								119,922,984		
	Summary											
	per lot									4,117,355,797		
	REMARKS									4,117,355,797		

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)	Local Currency (US\$)		
1	Form Traveler for Cantilever Erection	2girders, w-less than 14m	1*(B+F)		582.00	27,138	0.00	0	0.00	2,062,035,700	EL	167000
2	Erection Tools for Cast in Situ Girder	1"C		70.00	4,240	0.00	0	0.00	38,748,889	EL	168000	
3	Chain Block	5,000, 6m		534.00	474	0.00	0	0.00	34,283,367	EL	169000	
4				904.00	0	0.00	0	0.00	0			
5	Electric Drill	10-20mm		904.00	25	0.00	0	0.00	2,950,556	EL	171000	
6	Rebar Cutter & Rebar Bender	1"A*2		904.00	0	0.00	39,789	0.00	35,969,256	EL	173100	
8	Gas Cutting Apparatus	Acetylene		904.00	15	0.00	0	0.00	1,770,333	EL	174000	
9	Rebar Cutter & Rebar Bender	1"A*2		904.00	0	0.00	103,206	0.00	93,298,224	EL	175000	
10	Electric Internal Vibrator	(23 - 32mm)		5,424.00	175	0.00	0	0.00	123,923,333	EL	176000	
11	High Press Washer	3.7KW		904.00	656	0.00	0	0.00	77,422,578	EL	177000	
12	Tensioning Jack	400t		564.63	4,050	0.00	0	0.00	298,548,178	EL	178000	
13	Tensioning Jack	100t		282.32	1,750	0.00	0	0.00	64,502,278	EL	178010	
12	Tensioning Jack, Pump	3.7KW		282.32	2,290	0.00	0	0.00	84,405,864	EL	179000	
	Adaptation fee of form traveler	"8% of basic price		2.00	2,600,000				678,888,889			
14	Grout Mixer	(100 l/min)		139.16	341	0.00	0	0.00	6,195,383	EL	180000	
15	Grouting Pump	(15-30 l/min)		278.32	868	0.00	0	0.00	31,539,872	EL	181000	
16	Winch	9.8KN		278.32	1,063	0.00	0	0.00	38,625,383	EL	182000	
17	Generator	Diesel 45KVA		904.00	0	0.00	251,140	0.00	227,030,560	EL	136500	
18	Miscellaneous Fee	3 % of above							117,004,159			
Summary												
per lot												
REMARKS												
										4,017,142,802		
										4,017,142,802		

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Depression of Equipment (Cai Rang)

Unit: 1 lot

Sheet #: PC 433630

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)				
1	Foreman	Local	M/day	1.60	0	0.00	146,392	0.00	234,227	L	101000
2	Skilled Labor	Local	M/day	5.60	0	0.00	118,898	0.00	665,829	L	104000
3	Common Labor	Local	M/day	6.40	0	0.00	58,671	0.00	375,494	L	103000
4	Miscellaneous Fee	15 % of above							191,333		
5	Generator	Gasoline 2KVA	day in demand	1.00	0	0.00	68,620	0.00	68,620	EL	137110
					0		0		0		
7	Air Compressor	5m ³ /min	day in demand	1.00	0	0.00	283,251	0.00	283,251	EL	187110
8	Rebar Cutter & Rebar Bender		day in demand	1.30	0	0.00	103,206	0.00	134,168	EL	175000
9	Truck Crane	5t	day in demand	1.00	0	0.00	292,034	0.00	292,034	EL	123050
10	Expansion Joint	50mm	m	10.00	80,000	0.00	0	0.00	104,444,444	M	150610
Summary										106,689,400	
per m										10,668,940	

REMARKS

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

CAN THO BRIDGE CONSTRUCTION PROJECT										Unit: m	
Process Cost										Sheet #: PC	
Expansion Joint Installation										434110	
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	M/day	1.60	0	0.00	146,392	0.00	234,227	L	101000
2	Skilled Labor	Local	M/day	5.60	0	0.00	118,898	0.00	665,829	L	104000
3	Common Labor	Local	M/day	6.40	0	0.00	58,671	0.00	375,494	L	103000
4	Miscellaneous Fee	15 % of above							191,333		
5	Generator	Gasoline 2KVA	day in demand	1.00	0	0.00	68,620	0.00	68,620	EL	137110
					0		0		0		
7	Air Compressor	5m3/min	day in demand	1.00	0	0.00	283,251	0.00	283,251	EL	187110
8	Rebar Cutter & Rebar Bender		day in demand	1.30	0	0.00	103,206	0.00	134,168	EL	175000
9	Truck Crane	5t	day in demand	1.00	0	0.00	292,034	0.00	292,034	EL	123036
10	Expansion Joint	100mm	m	10.00	152,000	0.00	0	0.00	198,444,444	M	150620
Summary										200,689,400	
per m										20,068,940	
REMARKS											

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

Unit: 1

Rebar Fabrication of Pile

Sheet #: PC

452000

1

No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency		COMBINED TOTAL COST (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
1	Steel Worker	Local 1*3	M/day	3.00	0	0.00	79,622	0.00	238,866	L	102000
2	Common Labor	Local 1*1	M/day	1.00	0	0.00	58,671	0.00	58,671	L	103000
3	ReBar	SD390 1*(1+K)	t	1.06	0	0.00	0	250.40	3,742,422	M	124000
Summary										4,039,959	
per t										4,039,959	
REMARKS											
K=0.06											

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

D10-D14

Unit: 1

t

Sheet #: FC 452001

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	Steel Worker	Local 1*3	M/day	3.00	0	0.00	79,622	0.00	238,866	L 102000	
2	Common Labor	Local 1*1	M/day	1.00	0	0.00	58,671	0.00	58,671	L 103000	
3	ReBar	D10-D14 SD390 1*(1+K)	t	1.06	0	0.00	0	250.40	3,742,422	M 124001	
Summary										4,039,959	
Per t										4,039,959	
REMARKS											
K=0.06											

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

D16-D25

Unit: 1

Sheet #: PC

452002

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 (US\$)				
1	Steel Worker	Local 1*3	M/day	3.00	0	0.00	79,622	0.00	0.00	0.00	238,866	L	102000
2	Common Labor	Local 1*1	M/day	1.00	0	0.00	58,671	0.00	0.00	0.00	58,671	L	103000
3	ReBar	D16-D25 SD390 1*(1+K)	t	1.06	0	0.00	0	250.40	250.40	0	3,742,422	M	124002
Summary												4,039,959	
PER t												4,039,959	
REMARKS													

K=0.06

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Rebar Fabrication of File D28-D32 Unit: t Sheet #: PC 452003

No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (USD)		COMBINED TOTAL COST (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
1	Steel Worker	Local	M/day	3.00	0	0.00	79,622	0.00	238,866	L	102000
2	Common Labor	Local	M/day	1.00	0	0.00	58,671	0.00	58,671	L	103000
3	ReBar	D28-D32 SD390	t	1.06	0	0.00	0	250.40	3,742,422	M	124003
Summary											
4,039,959											
Per t											
4,039,959											
REMARKS											
K=0.06											

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1200mm, 52m

Unit: 1

nos

Sheet #: PC 461110

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*(r*d1*1.0)	M/day	1.85	0	0.00	146,392	0.00	270,825	L 101000
2	Skilled Labor	1*(r*d1*1.0)	M/day	1.85	0	0.00	118,898	0.00	219,961	L 104000
3	Rigger	1*(r*d1*2.0)	M/day	3.70	0	0.00	118,898	0.00	439,923	L 105000
4	Common Labor	1*(r*d1*2.0)	M/day	3.70	0	0.00	58,671	0.00	217,083	L 103000
5	Press in pile driver	1*(1.51*r*d1)	day in demand	2.79	27,352	0.00	0	0.00	9,962,956	EL 131000
6	Reverse Circulation Drill	1*(1.51*r*s*d1)	day in demand	1.96	29,344	0.00	0	0.00	7,508,772	EL 132000
7	Crawler Crane	1*(r*e2*d1)	day	1.83	0	0.00	2,059,353	0.00	3,768,616	EL 118500
8	Crawler Crane	1*(r*e2*d1)	day	1.83	0	0.00	2,059,353	0.00	3,768,616	EL 118500
9	Backhoe	1*(1.09*r*s*d1)	day	1.41	0	0.00	970,542	0.00	1,368,464	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		7,847,026	
11	Concrete Production Class - D	300kg/cem2	m3	65.87	565	0.00	355,059	1.82	29,936,930	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	65.87	532	0.00	16,398	0.00	5,655,194	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	65.87	441	0.00	13,013	0.00	4,649,674	PC 251800
14	Shush Tank (Shush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL 132500
15	Loading, Transportation (L = 2.0 km)		m3	24.48	0	0.00	8,427	0.00	206,293	PC 135500
16					0		0		0	
17	Rebar Fabrication of Pile	D10-D14	t	0.63	0	0.00	297,537	265.42	2,561,368	PC 452001
18	Rebar Fabrication of Pile	D16-D25	t	2.11	0	0.00	297,537	265.42	8,526,349	PC 452002
19	Rebar Fabrication of Pile	D28-D32	t	1.62	0	0.00	297,537	265.42	6,561,317	PC 452003
	Summary								93,471,367	
	pcr nos								93,471,367	

r=1, d1=1.85, e1=0.99, e2=0.99, s=0.7, D=1.2m, L=52m, b=0.12

REMARKS

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 (VND)	Local Currency (US\$)		
1	Foreman	Local	M/day	1.85	0	0.00	146,392	0.00	270,825	L	101000
2	Skilled Labor	Local	M/day	1.85	0	0.00	118,898	0.00	219,961	L	104000
3	Rigger	Local	M/day	3.70	0	0.00	118,898	0.00	439,923	L	105000
4	Common Labor	Local	M/day	3.70	0	0.00	58,671	0.00	217,083	L	103000
5	Press in pile driver	1750mm	day in demand	2.79	27,352	0.00	0	0.00	9,962,956	EL	131000
6	Reverse Circulation Drill	11.2t, 75KW	day in demand	1.96	29,344	0.00	0	0.00	7,508,772	EL	132000
7	Crawler Crane	40t	day	1.83	0	0.00	2,059,353	0.00	3,768,616	EL	118500
8	Crawler Crane	40t	day	1.83	0	0.00	2,059,353	0.00	3,768,616	EL	118500
9	Backhoe	0.6m3	day	1.41	0	0.00	970,542	0.00	1,368,464	EL	101000
10	Miscellaneous Fee	30 % of above			0	0.00	0	0.00	7,847,026		
11	Concrete Production Class - D	300kg/cm2	m3	69.67	565	0.00	355,059	1.82	31,664,030	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump(Less than 50m3/day)	m3	69.67	532	0.00	16,398	0.00	5,981,360	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	69.67	441	0.00	13,013	0.00	4,917,805	PC	251800
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL	132500
15	Loading, Transportation (L = 2.0 km)	Q=4/4*D**2*L*(1+)	m3	25.86	0	0.00	8,427	0.00	217,922	PC	135500
16					0	0.00	0	0.00	0		
17	Rebar Fabrication of Pile	D10-D14	t	0.78	0	0.00	297,537	265.42	3,143,446	PC	452001
18	Rebar Fabrication of Pile	D16-D25	t	2.29	0	0.00	297,537	265.42	9,270,504	PC	452002
19	Rebar Fabrication of Pile	D28-D32	t	2.12	0	0.00	297,537	265.42	8,570,029	PC	452003
Summary											
per nos											
REMARKS											

r=1, dl=1.85, el=0.99, c2=0.99, s=0.7, D=1.2m, L=55m, b=0.12

Summary										
per nos										
REMARKS										
99,137,337										
99,137,337										

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile D1200mm, 56m Unit: 1 nos Sheet # PC 461130 nos

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
1	Foreman	Local 1*(r*d1*1.0)	M/day	1.85	0	0.00	146,392	0.00	270,825	L	101000
2	Skilled Labor	Local 1*(r*d1*1.0)	M/day	1.85	0	0.00	118,898	0.00	219,961	L	104000
3	Rigger	Local 1*(r*d1*2.0)	M/day	3.70	0	0.00	118,898	0.00	439,923	L	105000
4	Common Labor	Local 1*(r*d1*2.0)	M/day	3.70	0	0.00	58,671	0.00	217,083	L	103000
5	Press in pile driver	(1750mm 1*(L.51*r*s*di)	day in demand	2.79	27,352	0.00	0	0.00	9,962,956	EL	131000
6	Reverse Circulation Drill	(11.2t, 75kW 1*(L.51*r*s*di)	day in demand	1.96	29,344	0.00	0	0.00	7,508,772	EL	132000
7	Crawler Crane	40t 1*(r*e1*d1)	day	1.83	0	0.00	2,059,353	0.00	3,768,616	EL	118500
8	Crawler Crane	40t 1*(r*e2*d1)	day	1.83	0	0.00	2,059,353	0.00	3,768,616	EL	118500
9	Backhoe	0.6m3 1*(L.09*r*s*di)	day	1.41	0	0.00	970,542	0.00	1,368,464	EL	101000
10	Miscellaneous Fee	30 % of above			0	0	0	0	7,847,026		
11	Concrete Production Class - D	300kg/cm2 Q=π/4*D**2*L*(1+)	m3	70.93	565	0.00	355,059	1.82	32,256,518	PC	211500
12	Concrete Placing (Plain, RC Structure)	Pump(Less than 50m3/day) Q=π/4*D**2*L*(1+)	m3	70.93	532	0.00	16,398	0.00	6,089,624	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km) Q=π/4*D**2*L*(1+)	m3	70.93	441	0.00	13,013	0.00	5,006,790	PC	251800
14	Slush Tank (Slush Container)	30m3 1*(L.51*r*s*di)	day in demand	0.00	1,146	0.00	0	0.00	0	EL	132500
15	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	26.32	0	0.00	8,427	0.00	221,799	PC	135500
16					0	0	0	0	0		
17	Rebar Fabrication of Pile	D10-D14	t	0.68	0	0.00	297,537	265.42	2,762,916	PC	452001
18	Rebar Fabrication of Pile	D16-D25	t	2.33	0	0.00	297,537	265.42	9,429,714	PC	452002
19	Rebar Fabrication of Pile	D28-D32	t	1.62	0	0.00	297,537	265.42	6,561,318	PC	452003
Summary											
per nos											
REMARKS											
r=1, d1=1.85, e1=0.99, e2=0.99, s=0.7, D=1.2m, L=56m, b=0.12											

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile D1200mm, 56m Unit: 1 nos 461130 Sheet #: PC

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			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	2.98	0	0.00	146,392	0.00	436,248	L	101000
2	Skilled Labor	Local	M/day	2.98	0	0.00	118,898	0.00	354,316	L	104000
3	Rigger	Local	M/day	5.96	0	0.00	118,898	0.00	708,632	L	105000
4	Common Labor	Local	M/day	5.96	0	0.00	58,671	0.00	349,679	L	103000
5	Press in pile driver	Ø750mm	day in demand	4.50	27,352	0.00	0	0.00	16,069,300	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.60	29,344	0.00	0	0.00	13,791,628	EL	132000
7	Crawler Crane	40t	day	2.95	0	0.00	2,059,353	0.00	6,075,091	EL	118500
8	Crawler Crane	40t	day	2.03	0	0.00	2,059,353	0.00	4,180,487	EL	118500
9	Bachhoc	0.6m3	day	2.60	0	0.00	970,542	0.00	2,523,409	EL	101000
10	Miscellaneous Fee	30 % of above			0	0.00	0	0.00	12,589,614		
11	Concrete Production Class - D	300kg/cm2	m3	138.54	565	0.00	355,059	1.82	62,964,284	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	138.54	532	0.00	16,398	0.00	11,894,115	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	138.54	441	0.00	13,013	0.00	9,779,243	PC	251800
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL	132500
15	Loading, Transportation (L = 2.0 km)		m3	53.53	0	0.00	8,427	0.00	451,097	PC	135500
16					0	0.00	0	0.00	0		
17	Rebar Fabrication of Pile	D10-D14	t		0	0.00	297,537	265.42	0	PC	452001
18	Rebar Fabrication of Pile	D16-D25	t		0	0.00	297,537	265.42	0	PC	452002
19	Rebar Fabrication of Pile	D28-D32	t		0	0.00	297,537	265.42	0	PC	452003
Summary											
Per nos											
REMARKS											
r=1, d1=2.98, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=70m, b=0.12											
142,167,143											
142,167,143											

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\$)		
1	Foreman	Local	M/day	1.96	0	0.00	146,392	0.00	286,928	L 101000
2	Skilled Labor	Local	M/day	1.96	0	0.00	118,898	0.00	233,040	L 104000
3	Rigger	Local	M/day	3.92	0	0.00	118,898	0.00	466,080	L 105000
4	Common Labor	Local	M/day	3.92	0	0.00	58,671	0.00	229,990	L 103000
5	Press in pile driver	11750mm	day in demand	2.96	27,352	0.00	0	0.00	10,570,039	EL 131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	2.37	29,344	0.00	0	0.00	9,079,486	EL 132000
7	Crawler Crane	40t	day	1.94	0	0.00	2,059,353	0.00	3,995,145	EL 118500
8	Crawler Crane	40t	day	1.33	0	0.00	2,059,353	0.00	2,738,939	EL 118500
9	Backhoe	0.6m3	day	1.71	0	0.00	970,542	0.00	1,659,627	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		8,279,894	
11	Concrete Production Class - D	300kg/cm2	m3	95.00	565	0.00	355,059	1.82	43,176,064	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	95.00	532	0.00	16,398	0.00	8,156,088	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	95.00	441	0.00	13,013	0.00	6,705,860	PC 251800
14	Slush Tank (Shush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL 132500
15	Loading, Transportation (L = 2.0 km)		m3	36.95	0	0.00	8,427	0.00	311,378	PC 135508
16	Rebar Fabrication of Pile	D10-D14	t	0.70	0	0.00	297,537	265.42	2,830,802	PC 452001
17	Rebar Fabrication of Pile	D16-D25	t	2.75	0	0.00	297,537	265.42	11,110,722	PC 452002
18	Rebar Fabrication of Pile	D28-D32	t	1.62	0	0.00	297,537	265.42	6,561,317	PC 452003
Summary										
per nos										
REMARKS										

r=1, d1=1.96, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=48m, b=0.12

116,391,399

116,391,399

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1500mm, 52m

Unit: i

nos

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*(r*d1*1.0)	M/day	2.30	0	0.00	146,392	0.00	336,702	L 101000
2	Skilled Labor	Local 1*(r*d1*1.0)	M/day	2.30	0	0.00	118,898	0.00	273,465	L 104000
3	Rigger	Local 1*(r*d1*2.0)	M/day	4.60	0	0.00	118,898	0.00	546,931	L 105000
4	Common Labor	Local 1*(r*d1*2.0)	M/day	4.60	0	0.00	58,671	0.00	269,887	L 103000
5	Press in pile driver	11.750mm 1*(1.51*r*s*d1)	day in demand	3.47	27,352	0.00	0	0.00	12,391,158	EL 131000
6	Reverse Circulation Drill	11.2t, 75kW 1*(1.51*r*s*d1)	day in demand	2.78	29,344	0.00	0	0.00	10,650,200	EL 132000
7	Crawler Crane	40t 1*(r*c1*d1)	day	2.28	0	0.00	2,059,353	0.00	4,693,325	EL 118500
8	Crawler Crane	40t 1*(r*c2*d1)	day	1.56	0	0.00	2,059,353	0.00	3,212,591	EL 118500
9	Backhoe	0.6m3 1*(1.09*r*s*d1)	day	2.01	0	0.00	970,542	0.00	1,950,789	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		9,712,878	
11	Concrete Production Class - D	300kgf/cm2 Q= $\pi/4 \cdot D^2 \cdot L \cdot (1 +$	m3	102.92	565	0.00	355,059	1.82	46,775,549	PC 211500
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day) Q= $\pi/4 \cdot D^2 \cdot L \cdot (1 +$	m3	102.92	532	0.00	16,398	0.00	8,833,990	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km) Q= $\pi/4 \cdot D^2 \cdot L \cdot (1 +$	m3	102.92	441	0.00	13,013	0.00	7,264,954	PC 251800
14	Shush Tank (Shush Container)	30m3 1*(1.51*r*s*d1)	day in demand	0.00	1,146	0.00	0	0.00	0	EL 132500
15	Loading, Transportation (L = 2.0 km)	Q= $\pi/4 \cdot D^2 \cdot L \cdot (1 +$	m3	39.96	0	0.00	8,427	0.00	336,743	PC 135500
16					0		0		0	
17	Rebar Fabrication of Pile	D10-D14	t	0.64	0	0.00	297,537	265.42	2,602,180	PC 452001
18	Rebar Fabrication of Pile	D16-D25	t	2.12	0	0.00	297,537	265.42	8,573,975	PC 452002
19	Rebar Fabrication of Pile	D28-D32	t	2.12	0	0.00	297,537	265.42	8,570,029	PC 452003
Summary										
									127,001,346	
per nos									127,001,346	

r=1, d1=2.3, c1=0.99, c2=0.68, s=0.8, D=1.5m, L=52m, b=0.12

REMARKS

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

CAN THO BRIDGE CONSTRUCTION PROJECT												
Process Cost												
Cast in Place Concrete Bored Pile												
D:1500mm, 53m												
Unit: 1 nos												
Sheet #: PC 461230												
No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			Remarks	
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Foreman	Local 1*(r*d1)*1.0	M/day	2.30	0	0.00	146,392	0.00	336,702	L	101000	
2	Skilled Labor	Local 1*(r*d1)*1.0	M/day	2.30	0	0.00	118,898	0.00	273,465	L	104000	
3	Rigger	Local 1*(r*d1)*2.0	M/day	4.60	0	0.00	118,898	0.00	546,931	L	105000	
4	Common Labor	Local 1*(r*d1)*2.0	M/day	4.60	0	0.00	58,671	0.00	269,887	L	103000	
5	Press in pile driver	1*(1.51*r*s*d1)	day in demand	3.47	27,352	0.00	0	0.00	12,391,158	EL	131000	
6	Reverse Circulation Drill	1*(1.51*r*s*d1)	day in demand	2.78	29,344	0.00	0	0.00	10,650,200	EL	132000	
7	Crawler Crane	1*(r*e1*d1)	day	2.28	0	0.00	2,059,353	0.00	4,695,325	EL	118500	
8	Crawler Crane	1*(r*s2*d1)	day	1.56	0	0.00	2,059,353	0.00	3,212,591	EL	118500	
9	Backhoe	1*(1.09*r*s*d1)	day	2.01	0	0.00	970,542	0.00	1,950,789	EL	101000	
10	Miscellaneous Fee	30 % of above			0	0.00	0	0.00	9,712,878			
11	Concrete Production Class - D	Q= $\pi/4 * D^2 * L * (1 +$	m3	104.90	565	0.00	355,059	1.82	47,675,558	PC	211300	
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 30m3/day) Q= $\pi/4 * D^2 * L * (1 +$	m3	104.90	592	0.00	16,398	0.00	9,006,064	PC	221100	
13	Concrete Transportation	Truck Mixer (3.5km) Q= $\pi/4 * D^2 * L * (1 +$	m3	104.90	441	0.00	13,013	0.00	7,404,695	PC	251800	
14	Slush Tank (Slush Container)	1*(1.51*r*s*d1)	day in demand	0.00	1,146	0.00	0	0.00	0	EL	132500	
15	Loading, Transportation (L = 2.0 km)	Q= $\pi/4 * D^2 * L * (1 +$	m3	40.72	0	0.00	8,427	0.00	343,147	PC	135500	
16					0	0.00	0	0.00	0			
17	Rebar Fabrication of Pile	D10-D14	t	0.88	0	0.00	297,537	265.42	3,574,505	PC	452001	
18	Rebar Fabrication of Pile	D16-D25	t	2.73	0	0.00	297,537	265.42	11,022,285	PC	452002	
19	Rebar Fabrication of Pile	D28-D32	t	3.29	0	0.00	297,537	265.42	13,287,476	PC	452003	
Summary											136,353,656	
per nos											136,353,656	
REMARKS												
r=1, d1=2.3, c1=0.99, c2=0.68, s=0.8, D=1.5m, L=53m, b=0.12												

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1500mm, 55m

Unit: 1

nos 461240

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	2.30	0	0.00	146,392	0.00	336,702	L 101000	
2	Skilled Labor	Local	M/day	2.30	0	0.00	118,898	0.00	273,465	L 104000	
3	Rigger	Local	M/day	4.60	0	0.00	118,898	0.00	546,931	L 105000	
4	Common Labor	Local	M/day	4.60	0	0.00	58,671	0.00	269,887	L 103000	
5	Press in pile driver	F1750mm	day in demand	3.47	27,352	0.00	0	0.00	12,391,158	EL 131000	
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	2.78	29,344	0.00	0	0.00	10,650,200	EL 132000	
7	Crawler Crane	40t	day	2.28	0	0.00	2,059,353	0.00	4,695,325	EL 118500	
8	Crawler Crane	40t	day	1.56	0	0.00	2,059,353	0.00	3,212,591	EL 118500	
9	Backhoe	0.6m3	day	2.01	0	0.00	970,542	0.00	1,950,789	EL 101000	
10	Miscellaneous Fee	30 % of above			0	0			9,712,878		
11	Concrete Production Class - D	300kg/cm2	m3	108.86	565	0.00	355,059	1.82	49,475,306	PC 211500	
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	108.86	532	0.00	16,398	0.00	9,346,080	PC 221100	
13	Concrete Transportation	Truck Mixer (3-5km)	m3	108.86	441	0.00	13,013	0.00	7,684,176	PC 251800	
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL 132500	
15	Loading, Transportation (L = 2.0 km)		m3	42.22	0	0.00	8,427	0.00	355,788	PC 135500	
16					0	0			0		
17	Rebar Fabrication of Pile	D10-D14	t	0.78	0	0.00	297,537	265.42	3,143,446	PC 452001	
18	Rebar Fabrication of Pile	D16-D25	t	2.29	0	0.00	297,537	265.42	9,270,504	PC 452002	
19	Rebar Fabrication of Pile	D28-D32	t	2.12	0	0.00	297,537	265.42	8,570,029	PC 452003	
Summary											
per nos											
REMARKS											

r=1, d1=2.3, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=55m, b=0.12

131,885,255

131,885,255

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1500mm, 57m

Unit: 1

nos

Sheet #: PC 461250

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*(r*dl*1.0)	M/day	2.30	0	0.00	146,392	0.00	336,702	L 101000	
2	Skilled Labor	Local 1*(r*dl*1.0)	M/day	2.30	0	0.00	118,898	0.00	273,465	L 104000	
3	Rigger	Local 1*(r*dl*2.0)	M/day	4.60	0	0.00	118,898	0.00	546,931	L 105000	
4	Common Labor	Local 1*(r*dl*2.0)	M/day	4.60	0	0.00	58,671	0.00	269,887	L 103000	
5	Press in pile driver	f1750mm 1*(1.51*r*s*dl)	day in demand	3.47	27,352	0.00	0	0.00	12,391,158	EL 131000	
6	Reverse Circulation Drill	11.2t, 75KW 1*(1.51*r*s*dl)	day in demand	2.78	29,344	0.00	0	0.00	10,650,200	EL 132000	
7	Crawler Crane	40t 1*(r*e1*dl)	day	2.28	0	0.00	2,059,353	0.00	4,695,325	EL 118500	
8	Crawler Crane	40t 1*(r*e2*dl)	day	1.56	0	0.00	2,059,353	0.00	3,212,591	EL 118500	
9	Backhoe	0.6m3 1*(1.09*r*s*dl)	day	2.01	0	0.00	970,542	0.00	1,950,789	EL 101000	
10	Miscellaneous Fee	30 % of above			0	0.00	0	0.00	9,712,878		
11	Concrete Production Class - D	300kgf/cm2 Q=m/4*D**2*L*(1+	m3	112.81	565	0.00	355,059	1.82	51,270,427	PC 211300	
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day) Q=m/4*D**2*L*(1+	m3	112.81	532	0.00	16,398	0.00	9,685,150	PC 221100	
13	Concrete Transportation	Truck Mixer (3.5km) Q=m/4*D**2*L*(1+	m3	112.81	441	0.00	13,013	0.00	7,963,005	PC 231800	
14	Slush Tank (Slush Container)	30m3 1*(1.51*r*s*dl)	day in demand	0.00	1,146	0.00	0	0.00	0	EL 132500	
15	Loading, Transportation (L = 2.0 km)	Q=m/4*D**2*L*(1+	m3	43.73	0	0.00	8,427	0.00	368,513	PC 135500	
16					0	0.00	0	0.00	0		
17	Rebar Fabrication of Pile	D10-D14	t	0.93	0	0.00	297,537	265.42	3,764,002	PC 452001	
18	Rebar Fabrication of Pile	D16-D25	t	3.00	0	0.00	297,537	265.42	12,119,425	PC 452002	
19	Rebar Fabrication of Pile	D28-D32	t	3.29	0	0.00	297,537	265.42	13,287,476	PC 452003	
Summary											
per nos											
REMARKS											

r=1, dl=2.3, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=57m, b=0.12

142,497,924

142,497,924

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost: Cast in Place Concrete Bored Pile

D1500mm, 59m

Unit: 1 nos

Sheet #: PC 461260

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)	Local Currency (US\$)	
1	Foreman	Local	M/day	2.30	0	0.00	146,392	0.00	336,702	L	101000
2	Skilled Labor	Local	M/day	2.30	0	0.00	118,898	0.00	273,465	L	104000
3	Rigger	Local	M/day	4.60	0	0.00	118,898	0.00	546,931	L	105000
4	Common Labor	Local	M/day	4.60	0	0.00	58,671	0.00	269,887	L	103000
5	Press in pile driver	1750mm	day in demand	3.47	27,352	0.00	0	0.00	12,391,158	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	2.78	29,344	0.00	0	0.00	10,650,200	EL	132000
7	Crawler Crane	40t	day	2.28	0	0.00	2,059,353	0.00	4,695,325	EL	118500
8	Crawler Crane	40t	day	1.56	0	0.00	2,059,353	0.00	3,212,591	EL	118500
9	Backhoe	0.6m3	day	2.01	0	0.00	970,542	0.00	1,950,789	EL	191000
10	Miscellaneous Fee	30 % of above			0		0		9,712,878		
11	Concrete Production Class - D	300kg/cm2	m3	116.77	565	0.00	355,059	1.82	53,070,174	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	116.77	532	0.00	16,398	0.00	10,025,166	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	116.77	441	0.00	13,013	0.00	8,242,617	PC	251800
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL	132500
15	Loading, Transportation (L = 2.0 km)		m3	45.24	0	0.00	8,427	0.00	381,237	PC	135500
16					0		0		0		
17	Rebar Fabrication of Pile	D10-D14	t	0.92	0	0.00	297,537	265.42	3,729,750	PC	452001
18	Rebar Fabrication of Pile	D16-D25	t	3.21	0	0.00	297,537	265.42	12,955,809	PC	452002
19	Rebar Fabrication of Pile	D28-D32	t	1.62	0	0.00	297,537	265.42	6,561,317	PC	452003
Summary											
per nos											
REMARKS											

r=1, d1=2.3, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=59m, b=0.12

139,005,996

139,005,996

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
1	Foreman	Local 1*(r*d1)*1.0	M/day	2.30	0	0.00	146,392	0.00	0.00	336,702	L 101000
2	Skilled Labor	Local 1*(r*d1)*1.0	M/day	2.30	0	0.00	118,898	0.00	0.00	273,465	L 104000
3	Rigger	Local 1*(r*d1)*2.0	M/day	4.60	0	0.00	118,898	0.00	0.00	546,931	L 105000
4	Common Labor	Local 1*(r*d1)*2.0	M/day	4.60	0	0.00	58,671	0.00	0.00	269,887	L 103000
5	Press in pile driver	11.2t, 75KW 1*(1.51*r*s*d1)	day in demand	3.47	27,352	0.00	0	0.00	0.00	12,391,158	EL 131000
6	Reverse Circulation Drill	11.2t, 75KW 1*(1.51*r*s*d1)	day in demand	2.78	29,344	0.00	0	0.00	0.00	10,650,200	EL 132000
7	Crawler Crane	40t 1*(r*e1*d1)	day	2.28	0	0.00	2,059,353	0.00	0.00	4,695,325	EL 118500
8	Crawler Crane	40t 1*(r*e2*d1)	day	1.56	0	0.00	2,059,353	0.00	0.00	3,212,591	EL 118500
9	Backhoe	0.6m3 1*(1.09*r*s*d1)	day	2.01	0	0.00	970,542	0.00	0.00	1,950,789	EL 101000
10	Miscellaneous Fee	30 % of above			0	0.00	0	0.00	0.00	9,712,878	
11	Concrete Production Class - D	300kgf/cm2 Q= $\pi/4 \cdot D^2 \cdot L \cdot (1+b)$	m3	118.75	565	0.00	355,059	1.82	0.00	53,970,183	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day) Q= $\pi/4 \cdot D^2 \cdot L \cdot (1+b)$	m3	118.75	532	0.00	16,398	0.00	0.00	10,195,110	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km) Q= $\pi/4 \cdot D^2 \cdot L \cdot (1+b)$	m3	118.75	441	0.00	13,013	0.00	0.00	8,382,358	PC 251800
14	Slush Tank (Slush Container)	30m3 1*(L51*r*s*d1)	day in demand	0.00	1,146	0.00	0	0.00	0.00	0	EL 132500
15	Loading, Transportation (L = 2.0 km)	Q= $\pi/4 \cdot D^2 \cdot L \cdot (1+b)$	m3	45.99	0	0.00	8,427	0.00	0.00	387,558	PC 135500
16					0	0.00	0	0.00	0.00	0	
17	Rebar Fabrication of Pile	D10-D14	t	0.97	0	0.00	297,537	265.42	265.42	3,906,314	PC 452001
18	Rebar Fabrication of Pile	D16-D25	t	3.20	0	0.00	297,537	265.42	265.42	12,917,763	PC 452002
19	Rebar Fabrication of Pile	D28-D32	t	3.29	0	0.00	297,537	265.42	265.42	13,287,476	PC 452003
Summary											
per nos 147,086,689											
REMARKS r=1, d1=2.3, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=60m, b=0.12											

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1500mm, 64m

Unit: 1

nos

Sheet #: PC 461280

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	M/day	2.64	0	0.00	146,392	0.00	386,475	L 101000
2	Skilled Labor	Local	M/day	2.64	0	0.00	118,898	0.00	315,891	L 104000
3	Rigger	Local	M/day	5.28	0	0.00	118,898	0.00	627,781	L 105000
4	Common Labor	Local	M/day	5.28	0	0.00	58,671	0.00	309,783	L 103000
5	Press in pile driver	11750mm	day in demand	3.99	27,352	0.00	0	0.00	14,248,050	EL 131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.19	29,344	0.00	0	0.00	12,220,914	EL 132000
7	Crawler Crane	40t	day	2.61	0	0.00	2,059,353	0.00	5,374,911	EL 118500
8	Crawler Crane	40t	day	1.80	0	0.00	2,059,353	0.00	3,706,835	EL 118500
9	Backhoe	0.6m3	day	2.30	0	0.00	970,542	0.00	2,322,247	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		11,156,592	
11	Concrete Production Class - D	300kg/cm2	m3	126.67	565	0.00	355,059	1.82	57,569,669	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	126.67	532	0.00	16,398	0.00	10,875,013	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	126.67	441	0.00	13,013	0.00	8,941,321	PC 251800
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL 132500
15	Loading, Transportation (L = 2.0 km)		m3	49.01	0	0.00	8,427	0.00	413,007	PC 135500
16					0		0		0	
17	Rebar Fabrication of Pile	D10-D14	t	0.98	0	0.00	297,537	265.42	3,966,441	PC 452001
18	Rebar Fabrication of Pile	D16-D25	t	3.50	0	0.00	297,537	265.42	14,146,707	PC 452002
19	Rebar Fabrication of Pile	D28-D32	t	1.62	0	0.00	297,537	265.42	6,561,317	PC 452003
Summary										
per nos										
REMARKS										

r=1, dl=2.64, el=0.99, e2=0.68, s=0.8, D=1.5m, L=64m, b=0.12

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile D1500mm, 65m Unit: 1 nos Sheet #: PC 461290

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)		
1	Foreman	1*(r*d1*1.0)	M/day	2.64	0	0.00	146,392	386,475 L	101000
2	Skilled Labor	1*(r*d1*1.0)	M/day	2.64	0	0.00	118,898	313,891 L	104000
3	Rigger	1*(r*d1*2.0)	M/day	5.28	0	0.00	118,898	627,781 L	105000
4	Common Labor	1*(r*d1*2.0)	M/day	5.28	0	0.00	58,671	309,783 L	103000
5	Press in pile driver	1*(1.51*r*d1)	day in demand	3.99	27,352	0	0	14,248,050 EL	131000
6	Reverse Circulation Drill	1*(1.51*r*s*d1)	day in demand	3.19	29,344	0	0	12,220,914 EL	132000
7	Crawler Crane	1*(r*e1*d1)	day	2.61	0	0.00	2,059,353	5,374,911 EL	118500
8	Crawler Crane	1*(r*e2*d1)	day	1.80	0	0.00	2,059,353	3,706,835 EL	118500
9	Backhoe	1*(1.09*r*s*d1)	day	2.30	0	0.00	970,942	2,232,247 EL	101000
10	Miscellaneous Fee	30 % of above			0			11,156,592	
11	Concrete Production Class - D	300kg/cm2	m3	128.65	565	0.00	355,059	58,469,406 PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	128.65	532	0.00	16,398	11,045,066 PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	128.65	441	0.00	13,013	9,081,191 PC	251800
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0 EL	132500
15	Loading, Transportation (L = 2.0 km)		m3	49.76	0	0.00	8,427	419,328 PC	132500
16					0		0	0	
17	Rebar Fabrication of Pile	D10-D14	t	0.99	0	0.00	297,537	4,013,632 PC	452001
18	Rebar Fabrication of Pile	D16-D25	t	3.57	0	0.00	297,537	14,415,359 PC	452002
19	Rebar Fabrication of Pile	D28-D32	t	1.62	0	0.00	297,537	6,561,317 PC	452003
Summary									
per nos								154,582,798	
REMARKS	r=1, d1=2.64, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=65m, b=0.12								

r=1, d1=2.64, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=65m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1500mm, 66m

Unit: 1

nos 461500

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			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	2.64	0	0.00	146,392	0.00	386,475	L	101000
2	Skilled Labor	Local	M/day	2.64	0	0.00	118,898	0.00	313,891	L	104000
3	Rigger	Local	M/day	5.28	0	0.00	118,898	0.00	627,781	L	105000
4	Common Labor	Local	M/day	5.28	0	0.00	58,671	0.00	309,783	L	103000
5	Press in pile driver	11750mm	day in demand	3.99	27,352	0.00	0	0.00	14,248,050	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.19	29,344	0.00	0	0.00	12,220,914	EL	132000
7	Crawler Crane	40t	day	2.61	0	0.00	2,059,353	0.00	5,374,911	EL	118500
8	Crawler Crane	40t	day	1.80	0	0.00	2,059,353	0.00	3,706,835	EL	118500
9	Backhoe	0.6m3	day	2.30	0	0.00	970,542	0.00	2,252,247	EL	101000
10	Miscellaneous Fee	30 % of above			0				11,156,592		
11	Concrete Production Class - D	300kg/cm2	m3	130.63	565	0.00	355,059	1.82	59,369,415	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	130.63	532	0.00	16,398	0.00	11,215,029	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	130.63	441	0.00	13,013	0.00	9,220,932	PC	251800
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL	132500
15	Loading, Transportation (L = 2.0 km)	Q=4/4*D*2*L*(1+)	m3	50.52	0	0.00	8,427	0.00	425,732	PC	135500
16					0				0		
17	Rebar Fabrication of Pile	D10-D14	t	1.06	0	0.00	297,537	265.42	4,274,663	PC	452001
18	Rebar Fabrication of Pile	D16-D25	t	3.65	0	0.00	297,537	265.42	14,762,397	PC	452002
19	Rebar Fabrication of Pile	D28-D32	t	3.29	0	0.00	297,537	265.42	13,287,476	PC	452003
Summary											
per nos											
REMARKS											
i=1, d1=2.64, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=66m, b=0.12											

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

D1500mm, 69m

Cast in Place Concrete Bored Pile

Unit: 1

nos

461310

Sheet #: PC

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	M/day	2.64	0	0.00	146,392	0.00	386,475	L 101000
2	Skilled Labor	Local	M/day	2.64	0	0.00	118,898	0.00	313,891	L 104000
3	Rigger	Local	M/day	5.28	0	0.00	118,898	0.00	627,781	L 105000
4	Common Labor	Local	M/day	5.28	0	0.00	58,671	0.00	309,783	L 103000
5	Press in pile driver	11.2t, 75KW	day in demand	3.99	27,352	0.00	0	0.00	14,248,050	EL 131000
6	Reverse Circulation Drill	11.2t, 75KW	day in demand	3.19	29,344	0.00	0	0.00	12,220,914	EL 132000
7	Crawler Crane	40t	day	2.61	0	0.00	2,059,353	0.00	5,374,911	EL 118500
8	Crawler Crane	40t	day	1.80	0	0.00	2,059,353	0.00	3,706,835	EL 118500
9	Backhoe	0.6m3	day	2.30	0	0.00	970,542	0.00	2,232,247	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		11,156,592	
11	Concrete Production Class - D	300kg/cm2	m3	136.57	565	0.00	355,059	1.82	62,069,032	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	136.57	532	0.00	16,398	0.00	11,724,989	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	136.57	441	0.00	13,013	0.00	9,640,154	PC 251800
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL 132500
15	Loading, Transportation (L = 2.0 km)		m3	52.78	0	0.00	8,427	0.00	444,777	PC 135900
16					0		0		0	
17	Rebar Fabrication of Pile	D10-D14	t	1.06	0	0.00	297,537	265.42	4,287,605	PC 452001
18	Rebar Fabrication of Pile	D16-D25	t	3.85	0	0.00	297,537	265.42	15,556,022	PC 452002
19	Rebar Fabrication of Pile	D28-D32	t	1.62	0	0.00	297,537	265.42	6,561,317	PC 452003
Summary										
per nos										
REMARKS										

r=1, d1=2.64, c1=0.99, e2=0.68, s=0.8, D=1.5m, L=69m, b=0.12

160,861,375

160,861,375

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\$)		
1	Foreman	Local	M/day	2.64	0	0.00	146,392	0.00	386,475	L 101000
2	Skilled Labor	Local	M/day	2.64	0	0.00	118,898	0.00	313,891	L 104000
3	Rigger	Local	M/day	5.28	0	0.00	118,898	0.00	627,781	L 105000
4	Common Labor	Local	M/day	5.28	0	0.00	58,671	0.00	309,783	L 103000
5	Press in pile driver	(1750mm	day in demand	3.99	27,352	0.00	0	0.00	14,248,050	EL 131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.19	29,344	0.00	0	0.00	12,220,914	EL 132000
7	Crawler Crane	40t	day	2.61	0	0.00	2,059,353	0.00	5,374,911	EL 118500
8	Crawler Crane	40t	day	1.80	0	0.00	2,059,353	0.00	3,706,835	EL 118500
9	Backhoe	0.6m3	day	2.30	0	0.00	970,542	0.00	2,232,247	EL 101000
10	Miscellaneous Fee	30 % of above			0	0.00	0	0.00	11,156,592	
11	Concrete Production Class - D	300kgf/cm2	m3	138.54	565	0.00	355,059	1.82	62,964,284	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m ³ /day)	m3	138.54	532	0.00	16,398	0.00	11,894,115	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	138.54	441	0.00	13,013	0.00	9,779,243	PC 251800
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0	EL 132500
15	Loading, Transportation (L=2.0 km)		m3	53.53	0	0.00	8,427	0.00	451,097	PC 135500
16					0	0.00	0	0.00	0	
17	Rebar Fabrication of Pile	D10-D14	t	1.11	0	0.00	297,537	265.42	4,492,476	PC 452001
18	Rebar Fabrication of Pile	D16-D25	t	3.93	0	0.00	297,537	265.42	15,860,434	PC 452002
19	Rebar Fabrication of Pile	D28-D32	t	3.29	0	0.00	297,537	265.42	13,287,476	PC 452003
Summary										
per nos										
REMARKS										

f=1, d1=2.64, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=70m, b=0.12

CAN THO BRIDGE CONSTRUCTION PROJECT												
Process Cost												
Cast in Place Concrete Bored Pile												
D1500mm, 71m												
Unit: 1 nos												
Sheet #: PC 461330												
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)	Local Currency (US\$)		
1	Foreman	1*(r*d1*1.0)	M/day	2.64	0	0.00	146,392	0.00	386,475	0.00	L	101000
2	Skilled Labor	1*(r*d1*1.0)	M/day	2.64	0	0.00	118,898	0.00	313,891	0.00	L	104000
3	Rigger	1*(r*d1*2.0)	M/day	5.28	0	0.00	118,898	0.00	627,781	0.00	L	105000
4	Common Labor	1*(r*d1*2.0)	M/day	5.28	0	0.00	58,671	0.00	309,783	0.00	L	103000
5	Press in pile driver	11.2t, 75KW	day in demand	3.99	27,352	0.00	0	0.00	14,248,050	0.00	EL	131000
6	Reverse Circulation Drill	1*(1.51*r*s*d1)	day in demand	3.19	29,344	0.00	0	0.00	12,220,913	0.00	EL	132000
7	Crawler Crane	1*(r*e1*d1)	day	2.61	0	0.00	2,059,353	0.00	5,374,911	0.00	EL	118500
8	Crawler Crane	1*(r*e2*d1)	day	1.80	0	0.00	2,059,353	0.00	3,706,835	0.00	EL	118500
9	Backhoe	1*(1.09*r*s*d1)	day	2.30	0	0.00	970,542	0.00	2,232,247	0.00	EL	101000
10	Miscellaneous Fee	30 % of above			0		0		11,156,592			
11	Concrete Production Class - D	300kg/m ³	m ³	140.52	565	0.00	355,059	1.82	63,864,294	0.00	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m ³ /day)	m ³	140.52	532	0.00	16,398	0.00	12,064,189	0.00	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m ³	140.52	441	0.00	13,013	0.00	9,918,984	0.00	PC	251800
14	Slush Tank (Slush Container)	30m ³	day in demand	0.00	1,146	0.00	0	0.00	0	0.00	EL	132500
15	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m ³	54.29	0	0.00	8,427	0.00	457,502	0.00	PC	135500
16	Rebar Fabrication of Pile	D10-D14	t	1.08	0	0.00	297,537	265.42	4,382,581	265.42	PC	452001
17	Rebar Fabrication of Pile	D16-D25	t	3.97	0	0.00	297,537	265.42	16,042,326	265.42	PC	452002
18	Rebar Fabrication of Pile	D28-D32	t	1.62	0	0.00	297,537	265.42	6,561,317	265.42	PC	452003
Summary												
per nos												
REMARKS												
r=1, d1=2.64, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=71m, b=0.12												

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

CAN THO BRIDGE CONSTRUCTION PROJECT		Cast in Place Concrete Bored Pile		D1300mm, 77m		Unit: 1		nos		Sheet #: PC		461340	
No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			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	2.64	0	0.00	146,392	0	0.00	386,475	L	101000	
2	Skilled Labor	Local	M/day	2.64	0	0.00	118,898	0	0.00	313,891	L	104000	
3	Rigger	Local	M/day	5.28	0	0.00	118,898	0	0.00	627,781	L	105000	
4	Common Labor	Local	M/day	5.28	0	0.00	58,671	0	0.00	309,783	L	103000	
5	Press in pile driver	H750mm	day in demand	3.99	27,352	0.00	0	0	0.00	14,248,050	EL	131000	
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.19	29,344	0.00	0	0	0.00	12,220,914	EL	132000	
7	Crawler Crane	40t	day	2.61	0	0.00	2,059,353	0	0.00	5,374,911	EL	218500	
8	Crawler Crane	40t	day	1.80	0	0.00	2,059,353	0	0.00	3,706,835	EL	118500	
9	Backhoe	0.6m3	day	2.30	0	0.00	970,542	0	0.00	2,232,247	EL	101000	
10	Miscellaneous Fee	30 % of above			0		0			11,156,592			
11	Concrete Production Class - D	300kg/cm2	m3	152.40	565	0.00	355,059	1.82	1.82	69,263,526	PC	211300	
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	152.40	532	0.00	16,398	0.00	0.00	13,084,108	PC	221100	
13	Concrete Transportation	Truck Mixer (3.5km)	m3	152.40	441	0.00	13,013	0.00	0.00	10,757,539	PC	251800	
14	Slush Tank (Slush Container)	30m3	day in demand	0.00	1,146	0.00	0	0.00	0.00	0	EL	132500	
15	Loading, Transportation (L = 2.0 km)		m3	58.81	0	0.00	8,427	0.00	0.00	495,592	PC	135500	
16					0		0			0			
17	Rebar Fabrication of Pile	D10-D14	t	1.18	0	0.00	297,537	265.42	265.42	4,751,389	PC	452001	
18	Rebar Fabrication of Pile	D16-D25	t	4.39	0	0.00	297,537	265.42	265.42	17,719,683	PC	452002	
19	Rebar Fabrication of Pile	D28-D32	t	1.62	0	0.00	297,537	265.42	265.42	6,561,317	PC	452003	
Summary													
per nos													
REMARKS													
r=1, d1=2.64, e1=0.99, e2=0.68, s=0.8, D=1.3m, L=77m, b=0.12													
173,210,652													
173,210,652													