

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)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
1	Foreman	Local	M/day	0.70	0	0.00	146,392	0.00	102,474	L	101000
2	Skilled Labor	Local	M/day	3.10	0	0.00	118,898	0.00	368,584	L	104000
3	Common Labor	Local	M/day	1.80	0	0.00	58,671	0.00	105,608	L	103000
	Miscellaneous Fee	9 % of above							51,900		
4	Anchorage of PC Cable (Tensioning Side)	1T21.8	nos	10.00	3,032	0.00	0	0.00	3,958,444	M	140056
										Summary	
										pet nos	4,587,010
										REMARKS	458,701

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

CAN THO BRIDGE CONSTRUCTION PROJECT
 Process Cost Prefabricated Supporting Work (SideSpan) 19.6kN/m2<P<29.4kN/m2 Unit: 100 m3 Sheet #: PC 521411

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*0.60	M/day	0.60	0	0.00	146,392	0.00	87,835	L 101000
2	Skilled Labor	Local 1*2.39	M/day	2.39	0	0.00	118,898	0.00	284,166	L 104000
3	Common Labor	Local 1*1.61	M/day	1.61	0	0.00	58,671	0.00	94,460	L 103000
4	Wheel Crane	Hydraulic 25t 1*0.29	day	0.29	0	0.00	1,531,155	0.00	444,035	EL 123100
5	Fabricated Supporting for Side Span of Cantilever	19.6kN/m2<P<29.4kN/m2, 10m<L<20m, 8.4m<H<	day in demand	60.00	508	0.00	0	0.00	3,979,333	EL 165110
Summary										
per m3										
REMARKS										
									4,889,829	
									48,898	

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\$)	Local Currency (VND)	Local Currency (US\$)	
1	Foreman	Local 1*0.70	M/day	0.70	0	0.00	146,392	0.00	102,474	0.00	101000
2	Skilled Labor	Local 1*2.76	M/day	2.76	0	0.00	118,898	0.00	328,158	0.00	104000
3	Common Labor	Local 1*1.86	M/day	1.86	0	0.00	58,671	0.00	109,128	0.00	103000
4	Wheel Crane	Hydraulic 25t 1*0.34	day	0.34	0	0.00	1,531,155	0.00	520,593	0.00	123100
5	Fabricated Supporting for Side Span of Cantilever	29.4kN/m2<P<39.2kN/m2, 10m<L<20m, 8.4m<H<4	day in demand	60.00	717	0.00	0	0.00	5,616,500	0.00	165120
Summary											
										6,676,853	
per m3										66,769	
REMARKS											

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost 29.4kN/m² < P < 39.2kN/m² Unit: 100 m³
 Frame Square Seis Supporting (Side Span) Sheet #: PC 521422

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	0.50	0	0.00	146,392	0.00	73,196	EL 101600
2	Skilled Labor	Local	M/day	2.50	0	0.00	118,898	0.00	297,245	EL 104600
3	Common Labor	Local	M/day	2.01	0	0.00	58,671	0.00	117,929	EL 103000
4	Wheel Crane	Hydraulic 25t	day	0.50	0	0.00	1,531,155	0.00	765,578	EL 123100
5	Frame Square Seis for Side Span of Cantilever (10m < L < 10.8m, 4m < H < 10.8m)	29.4kN/m ² < P < 39.2kN/m ² , 10m < L < 10.8m, 4m < H < 10.8m	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

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

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 521424

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	0.65	0	0.00	146,392	0.00	95,155 L	101000
2	Skilled Labor	Local	M/day	3.22	0	0.00	118,898	0.00	382,852 L	104000
3	Common Labor	Local	M/day	2.58	0	0.00	58,671	0.00	151,371 L	103000
4	Wheel Crane	Hydraulic 25t	day	0.61	0	0.00	1,531,155	0.00	934,905 EL	123100
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 EL	165240
Summary										
									7,226,883	
per 100 m ³										
REMARKS									72,269	

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)		
1	Form Traveler for Cantilever Erection	4griders, w=less than 24m	1*(B+F)	day in demand	2,154.00	52,941	0.00	14,887,891,550	EL 167040
2	Erection Tools for Cast in Situ Girder	1*C	1*C	day in demand	130.00	4,240	0.00	71,962,222	EL 168003
3	Chain Block	5,00t, 6m	1*B	day in demand	2,126.00	474	0.00	131,563,967	EL 169000
4		1*A*2	1*A*2	day in demand	1,563.00	0	0.00	0	
5	Electric Drill	10-20mm	1*A*2	day in demand	1,563.00	25	0.00	5,101,458	EL 171000
6	Rebar Cutter & Rebar Bender	1*A*2	1*A*2	day in demand	1,563.00	0	39,789	62,190,207	EL 173100
8	Gas Cutting Apparatus	Acetylene	1*A*2	day in demand	1,563.00	15	0.00	3,060,875	EL 174000
9	Rebar Cutter & Rebar Bender	1*A*2	1*A*2	day in demand	1,563.00	0	103,206	161,310,978	EL 175000
10	Electric Internal Vibrator	(23 - 32mm)	1*6*A*2	day in demand	9,378.00	175	0.00	214,261,250	EL 176000
11	High Press Washer	3.7KW	1*A*2	day in demand	1,563.00	656	0.00	133,862,267	EL 177000
12	Tensioning Jack	400t	1*(A+E)*8	day in demand	2,023.16	4,050	0.00	1,069,745,850	EL 178030
13	Tensioning Jack	100t	1*(A+E)*2	day in demand	505.79	1,750	0.00	115,559,031	EL 179010
12	Tensioning Jack Pump	3.7KW	1*(A+E)*10	day in demand	2,528.95	2,290	0.00	756,085,867	EL 179000
	Adaptation fee of form traveler	% of basic price		day in demand	4.00	5,072,000	0	2,648,711,111	
14	Grout Mixer	(100 /min)	1*A*2	day in demand	501.79	341	0.00	22,339,361	EL 180000
15	Grouting Pump	(15-30 l/min)	1*A*4	day in demand	1,003.58	868	0.00	113,727,858	EL 181000
16	Winch	9.8KN	1*A*2	day in demand	501.79	1,063	0.00	69,638,725	EL 182000
17	Generator	Diesel 45KVA	1*A*2	day in demand	1,563.00	0	251,140	392,531,820	EL 136500
18	Miscellaneous Fee	3 % of above						625,786,352	
	Summary							21,485,330,729	
	per lot							21,485,330,729	

REMARKS

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Expansion Joint Installation (PC Camfi)

100mm

Unit: 10

m

Sheet #: 521510

521520

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 (US\$)	Local Currency (US\$)	
1	Foreman	Local	M/day	1.60	0	0.00	146,392	0.00	234,227	0.00	101000	L
2	Skilled Labor	Local	M/day	5.60	0	0.00	118,898	0.00	665,829	0.00	104000	L
3	Common Labor	Local	M/day	6.40	0	0.00	58,671	0.00	375,494	0.00	103000	L
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	0.00	137110	EL
7	Air Compressor	5m3/min	day in demand	1.00	0	0.00	283,251	0.00	283,251	0.00	187110	EL
8	Rebar Cutter & Rebar Bender		day in demand	1.30	0	0.00	103,206	0.00	134,168	0.00	175000	EL
9	Truck Crane	5t	day in demand	1.00	0	0.00	292,034	0.00	292,034	0.00	123050	EL
10	Expansion Joint	100mm	m	10.00	152,000	0.00	0	0.00	198,444,444	0.00	150620	M
Summary												
per m												
REMARKS												
200,689,400												
20,068,940												

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

(Circle)

Unit: 100 m2

Sheet #: PC 541130

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\$)		
	Foreman	Local	M/day	5.70	0	0.00	146,392	0.00	834,434	L 101000
	Carpenter	Local	M/day	22.40	0	0.00	96,255	0.00	2,156,112	L 112000
	Common Labor	Local	M/day	14.50	0	0.00	58,671	0.00	850,730	L 103000
	Miscellaneous Fee	10 % of above							384,128	
	Truck Crane	20 - 22t	day	1.00	0	0.00	1,558,497	0.00	1,558,497	EL 123000
	Precast Concrete Formwork Production	(t=15cm) (Circle)	m2	100.00	192		128,563		15,362,967	PC 541111
Summary									21,146,867	
per m2									211,469	

REMARKS

Radius is less than 5m

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D:500mm, 57m, (70)

Unit: 1

nos. 551111

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	3.16	0	0.00	146,392	0.00	462,599	101000	
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	104000	
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	105000	
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	103000	
5	Press in pile driver	(1750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	131000	
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	132000	
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	118500	
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	118500	
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	101000	
10	Miscellaneous Fec	30 % of above			0	0.00	0	0.00	13,550,565		
11	Concrete Production Class - D	300kg/cm2	m3	112.81	565	0.00	355,059	1.82	51,270,427	211300	
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	112.81	532	0.00	16,398	0.00	9,685,150	221100	
13	Concrete Transportation	Truck Mixer (3.5km)	m3	112.81	441	0.00	13,013	0.00	7,963,005	251800	
14	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/m	t	7.47	0	0.00	297,537	265.42	30,178,530	452000	
15	Shush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	132500	
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+	m3	112.81	0	0.00	8,427	0.00	950,650	135500	
17					0	0.00	0	0.00	0		
Summary											
per nos. 161,150,480											
REMARKS r=1, dl=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=57m, b=0.12											

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile D:1500mm, 57m, (80)

Unit: I nos. Sheet #: PC 551112

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	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	11.2t, 75kW	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	1*(1.51)*s*d1	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565	
11	Concrete Production Class - D	300kg/fcm2	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)	m3	112.81	532	0.00	16,398	0.00	9,685,150	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	112.81	441	0.00	13,013	0.00	7,963,005	PC 251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(80kg/m)	t	8.54	0	0.00	297,537	265.42	34,501,295	PC 452000
15	Slush Tank (Slush Container)	1*(1.51)*s*d1	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+	m3	112.81	0	0.00	8,427	0.00	950,650	PC 135500
17					0		0		0	
Summary										
per nos.										
REMARKS										

r=1, d1=3.16, c1=0.99, c2=0.68, s=0.8, D=1.5m, L=57m, b=0.12

165,473,245

165,473,245

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

D1500mm, 61m, (80)

Unit: 1

Sheet #: PC

nos. 551120

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	3.16	0	0.00	146,392	0.00	462,599	0.00	101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	0.00	104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	0.00	105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	0.00	105000
5	Press in pile driver	11750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	0.00	131000
6	Reverse Circulation Drill	11.2t, 75KW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	0.00	132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	0.00	118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	0.00	118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,342	0.00	2,678,656	0.00	101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565		
11	Concrete Production Class - D	300kg/cm2	m3	120.73	565	0.00	355,059	1.82	54,869,922	1.82	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	120.73	532	0.00	16,398	0.00	10,365,053	0.00	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	120.73	441	0.00	13,013	0.00	8,522,098	0.00	251800
14	Rebar Fabrication of Pile	O=π(4+0.06)*80kg/m	t	9.14	0	0.00	297,337	265.42	36,925,242	265.42	452000
15	Slush Tank (Shush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	0.00	132500
16	Loading, Transportation (L = 2.0 km)	O=π(4+D)*2*L*(1+)	m3	120.73	0	0.00	8,427	0.00	1,017,392	0.00	135500
17					0		0		0		
Summary											
per nos.											
REMARKS											

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=61m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT												
Process Cost												
Cast in Place Concrete Bored Pile												
D1500mm, 63m, (80)												
Unit: 1 nos.												
Sheet #: PC 551130												
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	3.16	0	0.00	146,392	0.00	0.00	462,599	L	101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	0.00	375,718	L	104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	0.00	751,435	L	105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	0.00	370,801	L	103000
5	Press in pile driver	(1750mm)	day in demand	4.77	27,352	0.00	0	0.00	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	0.00	14,654,494	EL	132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	0.00	6,445,775	EL	118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	0.00	4,427,609	EL	118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above			0		0			13,350,565		
11	Concrete Production Class - D	300kg/cm2	m3	124.69	565	0.00	355,059	1.82	0.00	56,669,800	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	124.69	532	0.00	16,398	0.00	0.00	10,705,070	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	124.69	441	0.00	13,013	0.00	0.00	8,801,580	PC	251800
14	Rebar Fabrication of Pile	Q(1+0.06)*(80kg/m)	t	9.44	0	0.00	297,537	265.42	0.00	38,137,145	PC	452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	0.00	571,572	EL	132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	124.69	0	0.00	8,427	0.00	0.00	1,050,763	PC	135500
17					0		0			0		
Summary											176,467,075	
per nos.											176,467,075	

r=1, dl=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=63m, b=0.12

REMARKS

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

CAN THO BRIDGE CONSTRUCTION PROJECT
 Process Cost
 Cast in Place Concrete Bored Pile
 D1500mm, 64m, (70)
 Unit: 1 nos.
 Sheet # PC 551141

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			Remarks
					Foreign Currency (JP Yen)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)		
1	Foreman	Local 1*(r*dl*1.0)	M/day	3.16	0	146,392	0.00	0.00	462,599	L 101000	
2	Skilled Labor	Local 1*(r*dl*1.0)	M/day	3.16	0	118,898	0.00	0.00	375,718	L 104000	
3	Rigger	Local 1*(r*dl*2.0)	M/day	6.32	0	118,898	0.00	0.00	751,435	L 105000	
4	Common Labor	Local 1*(r*dl*2.0)	M/day	6.32	0	58,671	0.00	0.00	370,801	L 103000	
5	Press in pile driver	1750mm 1*(1.51*r*dl)	day in demand	4.77	27,352	0	0.00	0.00	17,033,453	EL 131000	
6	Reverse Circulation Drill	11.2t, 75kW 1*(1.51*r*s*dl)	day in demand	3.82	29,344	0	0.00	0.00	14,634,494	EL 132000	
7	Crawler Crane	40t 1*(r*e1*dl)	day	3.13	0	2,059,353	0.00	0.00	6,445,775	EL 118500	
8	Crawler Crane	40t 1*(r*e2*dl)	day	2.15	0	2,059,353	0.00	0.00	4,427,609	EL 118500	
9	Backhoe	0.6m3 1*(1.09*r*s*dl)	day	2.76	0	970,542	0.00	0.00	2,678,696	EL 101000	
10	Miscellaneous Fee	30 % of above			0	0	0.00	0.00	13,350,565		
11	Concrete Production Class - D	300kg/cm2 Q=π/4*D**2*L*(1+)	m3	126.67	565	355,059	0.00	1.82	57,569,669	PC 211300	
12	Concrete Piling (Plain, RC Structure)	Pump (Less than 50m3/day) Q=π/4*D**2*L*(1+)	m3	126.67	532	16,398	0.00	0.00	10,875,013	PC 221100	
13	Concrete Transportation	Truck Mixer (3.5km) Q=π/4*D**2*L*(1+)	m3	126.67	441	13,013	0.00	0.00	8,941,321	PC 251800	
14	Rebar Fabrication of Pile	30m3 Q*(1+0.06)*(70kg/m)	t	8.39	0	297,537	0.00	265.42	33,895,202	PC 452000	
15	Slush Tank (Slush Container)	30m3 1*(1.51*r*s*dl)	day in demand	3.82	1,146	0	0.00	0.00	571,572	EL 132500	
16	Loading, Transportation (L = 2.0 km)	30m3 Q=π/4*D**2*L*(1+)	m3	126.67	0	8,427	0.00	0.00	1,067,448	PC 135500	
17					0	0	0.00	0.00	0		
Summary											
per nos.											
REMARKS											

r=1, dl=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=64m, b=0.12

173,451,370

173,451,370

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile D1500mm, 64m, (80) Unit: 1 nos. Sheet #: PC 551142

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 (VND)	Local Currency (US\$)	Local Currency (US\$)	
1	Foreman	1*(r*d1*1.0)	M/day	3.16	0	0.00	146,392	0.00	0	0.00	462,599	L 101000
2	Skilled Labor	1*(r*d1*1.0)	M/day	3.16	0	0.00	118,898	0.00	0	0.00	375,718	L 104000
3	Rigger	1*(r*d1*2.0)	M/day	6.32	0	0.00	118,898	0.00	0	0.00	751,435	L 105000
4	Common Labor	1*(r*d1*2.0)	M/day	6.32	0	0.00	58,671	0.00	0	0.00	370,801	L 103000
5	Press in pile driver	1*(1.51*s*d1)	day in demand	4.77	27,352	0.00	0	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	1*(1.51*s*s*d1)	day in demand	3.82	29,344	0.00	0	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	1*(r*e1*d1)	day	3.13	0	0.00	2,059,353	0.00	0	0.00	6,445,775	EL 118500
8	Crawler Crane	1*(r*e2*d1)	day	2.15	0	0.00	2,059,353	0.00	0	0.00	4,427,609	EL 118500
9	Backhoe	1*(1.09*s*s*d1)	day	2.76	0	0.00	970,542	0.00	0	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0				13,350,565	
11	Concrete Production Class - D	300kg/cm2	m3	126.67	565	0.00	355,059	1.82	0	0.00	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	0	0.00	10,875,013	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	126.67	441	0.00	13,013	0.00	0	0.00	8,941,321	PC 251800
14	Rebar Fabrication of Pile	Q=4/4*D**2*L*(1+(1+0.06)*s)	t	9.59	0	0.00	297,537	265.42	0	0.00	38,743,238	PC 452000
15	Slush Tank (Slush Container)	1*(1.51*s*s*d1)	day in demand	3.82	1,146	0.00	0	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=4/4*D**2*L*(1+(1+0.06)*s)	m3	126.67	0	0.00	8,427	0.00	0	0.00	1,067,448	PC 135500
17					0		0				0	
Summary												
per nos.												
REMARKS												

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=64m, b=0.12

178,299,406

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

CAN THO BRIDGE CONSTRUCTION PROJECT												
Process Cost												
Cast in Place Concrete Bored Pile												
D1500mm, 65m, (70)												
Unit: 1 nos.												
Sheet #: PC 551150												
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 (US\$)	Local Currency (VND)		
1	Foreman	1*(r*d1)*1.0	M/day	3.16	0	0.00	146,392	0.00	0.00	462,599	L	101000
2	Skilled Labor	1*(r*d1)*1.0	M/day	3.16	0	0.00	118,898	0.00	0.00	375,718	L	104000
3	Rigger	1*(r*d1)*2.0	M/day	6.32	0	0.00	118,898	0.00	0.00	751,435	L	105000
4	Common Labor	1*(r*d1)*2.0	M/day	6.32	0	0.00	56,671	0.00	0.00	370,801	L	103000
5	Press in pile driver	1*(1.51)*r*d1	day in demand	4.77	27,352	0.00	0	0.00	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	1*(1.51)*r*s*d1	day in demand	3.82	29,344	0.00	0	0.00	0.00	14,634,494	EL	132000
7	Crawler Crane	1*(r*e1)*d1	day	3.13	0	0.00	2,059,353	0.00	0.00	6,445,775	EL	118500
8	Crawler Crane	1*(r*e2)*d1	day	2.15	0	0.00	2,059,353	0.00	0.00	4,427,609	EL	118500
9	Backhoe	1*(1.09)*r*s*d1	day	2.76	0	0.00	970,542	0.00	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above			0					13,350,565		
11	Concrete Production Class - D	Q=π/4*D**2*L*(1+)	m3	128.65	565	0.00	355,059	1.82	0.00	58,469,406	PC	211300
12	Concrete Placing (Plain, RC Structure)	Q=π/4*D**2*L*(1+)	m3	128.65	532	0.00	16,398	0.00	0.00	11,045,086	PC	221100
13	Concrete Transportation	Q=π/4*D**2*L*(1+)	m3	128.65	441	0.00	13,013	0.00	0.00	9,081,191	PC	251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/m)	1	8.52	0	0.00	297,537	265.42	0.00	34,420,473	PC	452000
15	Slush Tank (Slush Container)	1*(1.51)*r*s*d1	day in demand	3.82	1,146	0.00	0	0.00	0.00	571,572	EL	132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	128.65	0	0.00	8,427	0.00	0.00	1,084,134	PC	135500
17					0		0			0		
Summary												
per nos.												
REMARKS												
r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=65m, b=0.12												

175,203,008

175,203,008

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1500mm, 68m, (70)

Unit: 1 nos.

Sheet #: PC 551161

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	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	Ø750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565	
11	Concrete Production Class - D	300kg/cm2	m3	134.59	565	0.00	355,059	1.82	61,169,022	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	134.59	532	0.00	16,398	0.00	11,555,046	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	134.59	441	0.00	13,013	0.00	9,590,414	PC 251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/t)	t	8.92	0	0.00	297,537	265.42	36,036,485	PC 452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D²*L*(1+)	m3	134.59	0	0.00	8,427	0.00	1,134,190	PC 135500
17					0		0		0	
Summary										
per nos.										
REMARKS										

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=68m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1500mm, 68m, (80)

Unit: I

nos. 551162

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	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	1750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565	
11	Concrete Production Class - D	300kg/cm2	m3	134.59	565	0.00	355,059	1.82	61,169,022	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	134.59	532	0.00	16,398	0.00	11,555,046	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	134.59	441	0.00	13,013	0.00	9,500,414	PC 251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(80kg/t)	t	10.19	0	0.00	297,537	265.42	41,167,185	PC 452000
15	Slush Tank (Slush Container)	1*(1.51)*s*d1	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+	m3	134.59	0	0.00	8,427	0.00	1,134,190	PC 135500
17					0		0		0	
Summary										
per nos.										
REMARKS										

r=1, d1=3.16, c1=0.99, e2=0.68, s=0.8, D=1.5m, L=68m, b=0.12

185,628,575

185,628,575

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D:1,500mm, 69m, (70)

Unit: 1

nos. 551170

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	3.16	0	0.00	146,392	0.00	462,599	L	101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L	104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L	105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L	103000
5	Press in pile driver	f1750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	11.2t, 75KW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL	132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL	118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL	118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above.			0		0		13,350,565		
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	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/m)	t	9.05	0	0.00	297,537	265.42	36,561,615	PC	452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL	132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	136.57	0	0.00	8,427	0.00	1,150,875	PC	135500
17					0		0		0		
Summary											
per nos.											
REMARKS											

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=69m, b=0.12

182,249,383

182,249,383

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1500mm, 70m, (70)

Unit: 1

nos.

Sheet #: PC 551180

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 (US\$)	Local Currency (VND)	
1	Foreman	Local 1*(r*d1*1.0)	M/day	3.16	0	0.00	146,392	0.00	0.00	462,599	L 101000
2	Skilled Labor	Local 1*(r*d1*1.0)	M/day	3.16	0	0.00	118,898	0.00	0.00	375,718	L 104000
3	Rigger	Local 1*(r*d1*2.0)	M/day	6.32	0	0.00	118,898	0.00	0.00	751,435	L 105000
4	Common Labor	Local 1*(r*d1*2.0)	M/day	6.32	0	0.00	58,671	0.00	0.00	370,801	L 103000
5	Press in pile driver	11.2t, 75kW 1*(1.51*r*d1)	day in demand	4.77	27,352	0.00	0	0.00	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	40t 1*(r*e1*d1)	day	3.82	29,344	0.00	0	0.00	0.00	14,634,494	EL 132000
7	Crawler Crane	0.6m3 1*(r*e2*d1)	day	2.15	0	0.00	2,059,353	0.00	0.00	6,445,775	EL 118500
8	Crawler Crane	30 % of above	day	2.76	0	0.00	970,542	0.00	0.00	4,427,609	EL 118500
9	Backhoe		day							2,678,696	EL 101000
10	Miscellaneous Fee									13,350,565	
11	Concrete Production Class - D	300kgf/cm2 Q=π/4*D**2*L*(1+)	m3	138.54	565	0.00	353,059	1.82	0.00	62,964,284	PC 211300
12	Concrete Piling (Plain, RC Structure)	Pump (Less than 50m3/day) Q=π/4*D**2*L*(1+)	m3	138.54	532	0.00	16,398	0.00	0.00	11,894,115	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km) Q=π/4*D**2*L*(1+)	m3	138.54	441	0.00	13,013	0.00	0.00	9,779,243	PC 251800
14	Rebar Fabrication of Pile	30m3 Q*(1+0.06)*(70kg/t)	t	9.18	0	0.00	297,537	265.42	0.00	37,086,886	PC 452000
15	Slush Tank (Slush Container)	30m3 1*(1.51*r*s*d1)	day in demand	3.82	1,146	0.00	0	0.00	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	138.54	0	0.00	8,427	0.00	0.00	1,167,477	PC 135500
17					0		0			0	
Summary											
per nos.											
REMARKS											

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=70m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile

D1500mm, 71m, (70)

Unit: 1 nos.

Sheet #: PC 551190

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	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	(1750mm)	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565	
11	Concrete Production Class - D	300kg/cm2	m3	140.52	565	0.00	555,059	1.82	63,864,294	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	140.52	532	0.00	16,398	0.00	12,064,189	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	140.52	441	0.00	13,013	0.00	9,918,984	PC 251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/m)	1	9.31	0	0.00	297,537	265.42	37,612,015	PC 452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	140.52	0	0.00	8,427	0.00	1,184,162	PC 135500
17					0		0		0	
Summary									185,746,361	
PER NOS.									185,746,361	
REMARKS										

r=1, dl=3.16, c1=0.99, c2=0.68, s=0.8, D=1.5m, L=71m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT											
Process Cost											
Cast in Place Concrete Bored Pile											
D1500mm, 72m, (80)											
Unit: 1 pos. 551200 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	3.16	0	0.00	146,392	0.00	462,599	L	101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L	104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L	105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L	103000
5	Press in pile driver	11750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL	132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL	118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL	118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above			0	0.00	0	0.00	13,350,565		
11	Concrete Production Class - D	300kg/cm2	m3	142.50	565	0.00	355,059	1.82	64,764,162	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	142.50	532	0.00	16,398	0.00	12,234,132	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	142.50	441	0.00	13,013	0.00	10,058,856	PC	251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(80kg/m)	t	10.79	0	0.00	297,537	265.42	43,591,132	PC	452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL	132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	142.50	0	0.00	8,427	0.00	1,200,848	PC	135500
17					0	0.00	0	0.00	0		
Summary											
per nos.											
REMARKS											
r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=72m, b=0.12											

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile Unit: nos. nos. 551211 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	1*(r*d1*1.0)	M/day	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	1*(r*d1*1.0)	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	1*(r*d1*2.0)	M/day	6.32	0	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	1*(r*d1*2.0)	M/day	6.32	0	0.00	58,571	0.00	370,801	L 103000
5	Press in pile driver	1*(1.51*r*d1)	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	1*(1.51*r*s*d1)	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	1*(r*e1*d1)	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	1*(r*e2*d1)	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	1*(1.05*r*s*d1)	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565	
11	Concrete Production Class - D	300kg/cm2	m3	144.48	565	0.00	355,059	1.82	65,663,900	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	144.48	532	0.00	16,298	0.00	12,404,075	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	144.48	441	0.00	13,013	0.00	10,198,596	PC 251800
14	Rebar Fabrication of Pile	0*(1+0.06)*(70kg/m)	t	9.57	0	0.00	297,537	265.42	38,662,416	PC 452000
15	Slush Tank (Slush Container)	1*(1.51*r*s*d1)	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	0*(r*d1*2.0)	m3	144.48	0	0.00	8,427	0.00	1,217,533	PC 135500
17					0		0		0	
Summary										
per nos. 189,249,237										
REMARKS										

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=73m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile D1500mm, 73m, (80) Unit: 1 nos. Sheet #: PC 551212

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	3.16	0	0.00	146,392	0.00	462,599	101000	L
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	104000	L
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	105000	L
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	103000	L
5	Press in pile driver	f1750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	131000	EL
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	132000	EL
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	118500	EL
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	118500	EL
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	101000	EL
10	Miscellaneous Fee	30 % of above			0		0		13,350,565		
11	Concrete Production Class - D	300kg/cm2	m3	144.48	565	0.00	555,059	1.82	65,663,900	211300	PC
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	144.48	532	0.00	16,398	0.00	12,404,075	221100	PC
13	Concrete Transportation	Truck Mixer (3.5km)	m3	144.48	441	0.00	13,013	0.00	10,198,596	251800	PC
14	Rebar Fabrication of Pile	Q*(1+0.06)*(80kg/h)	t	10.94	0	0.00	297,537	265.42	44,197,084	452000	PC
15	Slush Tank (Slush Container)	1*(1.51)*r*s*d1)	day in demand	3.82	1,146	0.00	0	0.00	571,572	132500	EL
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+	m3	144.48	0	0.00	8,427	0.00	1,217,533	135500	PC
17					0		0		0		
Summary											
per nos. 194,783,905											
REMARKS											

r=1, dt=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=73m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile D1500mm, 75m, (70) Unit: 1 nos. Sheet #: PC 551221

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	3.16	0	0.00	146,392	0.00	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	0.00	370,801	L 103000
5	Press in pile driver	1750mm	day in demand	4.77	27,352	0.00	0	0.00	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0			13,350,565	
11	Concrete Production Class - D	300kg/cm2	m3	148.44	565	0.00	355,059	1.82	0.00	67,463,778	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	148.44	532	0.00	16,398	0.00	0.00	12,744,091	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	148.44	441	0.00	13,013	0.00	0.00	10,478,078	PC 251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/r)	t	9.83	0	0.00	297,537	265.42	0.00	39,712,817	PC 452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D²*L*(1+)	m3	148.44	0	0.00	8,427	0.00	0.00	1,250,904	PC 135500
17					0		0			0	
Summary											
per nos.											
REMARKS											

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=75m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT											
Process Cost: Cast in Place Concrete Bored Pile											
Unit: 1 nos.											
Sheet #: PC 551222											
D1500mm, 75m, (80)											
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	3.16	0	0.00	146,392	0.00	462,599	L	101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L	104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L	105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L	103000
5	Press in pile driver	fl750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL	132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL	118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL	118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above			0	0.00	0	0.00	13,350,565		
11	Concrete Production Class - D	300kgf/cm2	m3	148.44	565	0.00	355,059	1.82	67,463,778	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	148.44	532	0.00	16,398	0.00	12,744,091	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	148.44	441	0.00	13,013	0.00	10,478,078	PC	251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(80kg/m)	t	11.24	0	0.00	297,537	265.42	45,409,128	PC	452000
15	Slush Tank (Slush Container)	1*(1.51*r*s*d1)	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL	132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	148.44	0	0.00	8,427	0.00	1,250,904	PC	135500
17					0	0.00	0	0.00	0		
Summary											
per nos.											
REMARKS											
r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=75m, b=0.12											

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost L=80m, D=2000mm A Unit: 1 nos Sheet #: PC 552010

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 (US\$)	Local Currency (VND)	
1	Foreman	Local $1*(r*dl*1.0)$	M/day	3.16	0	0.00	146,392	0.00	0.00	462,599	L 101000
2	Skilled Labor	Local $1*(r*dl*1.0)$	M/day	3.16	0	0.00	118,898	0.00	0.00	375,718	L 104000
3	Rigger	Local $1*(r*dl*2.0)$	M/day	6.32	0	0.00	118,898	0.00	0.00	751,435	L 105000
4	Common Labor	Local $1*(r*dl*2.0)$	M/day	6.32	0	0.00	58,671	0.00	0.00	370,801	L 103000
5	Press in pile driver	f1750mm $1*(1.51*r*dl)$	day in demand	4.77	27,352	0.00	0	0.00	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2L 75kW $1*(1.51*r*s*dl)$	day in demand	3.82	29,344	0.00	0	0.00	0.00	14,634,494	EL 132000
7	Crawler Crane	40t $1*(r*el*dl)$	day	3.13	0	0.00	2,059,353	0.00	0.00	6,445,775	EL 118500
8	Crawler Crane	40t $1*(r*el*dl)$	day	2.15	0	0.00	2,059,353	0.00	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3 $1*(1.09*r*s*dl)$	day	2.76	0	0.00	970,542	0.00	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0			13,350,565	
11	Concrete Production Class - D	300kgf/cm2 $Q=\pi/4*D^2*L*(1+)$	m3	281.49	565	0.00	355,059	1.82	0.00	127,932,946	PC 211500
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day) $Q=\pi/4*D^2*L*(1+)$	m3	281.49	532	0.00	16,398	0.00	0.00	24,166,959	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km) $Q=\pi/4*D^2*L*(1+)$	m3	281.49	441	0.00	13,013	0.00	0.00	19,869,804	PC 251800
14	Rebar Fabrication of Pile	30m3 $Q*(1+0.06)*(100kg)$	1	26.64	0	0.00	297,537	265.42	0.00	107,624,525	PC 452000
15	Slush Tank (Slush Container)	30m3 $1*(1.51*r*s*dl)$	day in demand	3.82	1,146	0.00	0	0.00	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	30m3 $Q=\pi/4*D^2*L*(1+)$	m3	281.49	0	0.00	8,427	0.00	0.00	2,372,116	PC 135500
17					0		0			0	
Summary											
per nos 343,069,067											
REMARKS											

r=1, dl=3.16, e1=0.99, e2=0.68, s=0.8, D=2m, L=80m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

Cast in Place Concrete Bored Pile

L=70m, D=2000mm, A

Unit: 1

nos

552020

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 (US\$)	Local Currency (VND)	
1	Foreman	Local	M/day	3.16	0	0.00	146,392	0.00	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	0.00	370,801	L 103000
5	Press in pile driver	Ø1750mm	day in demand	4.77	27,352	0.00	0	0.00	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2t, 75KW	day in demand	3.82	29,344	0.00	0	0.00	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0	0.00	0	0.00	0.00	13,350,565	
11	Concrete Production Class - D	300kg/cm2	m3	246.30	565	0.00	355,059	1.82	1.82	111,939,750	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	246.30	532	0.00	16,398	0.00	0.00	21,145,783	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	246.30	441	0.00	13,013	0.00	0.00	17,385,785	PC 251800
14	Rebar Fabrication of Pile	Q(1+0.06)*(100kg)	t	23.31	0	0.00	297,537	265.42	265.42	94,171,441	PC 452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	246.30	0	0.00	8,427	0.00	0.00	2,075,570	PC 135500
17					0	0.00	0	0.00	0.00	0	
Summary											
307,821,047											
307,821,047											

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=2m, L=70m, b=0.12

REMARKS

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile (P) D1500mm, 57m, (70) Unit: 1 nos. Sheet #: PC 553111

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	3.16	0	0.00	146,392	0.00	462,599	L	101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L	104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L	105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L	103000
5	Press in pile driver	11750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL	132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL	118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL	118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565		
11	Concrete Production Class - D	300kg/cm2	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)	m3	112.81	532	0.00	16,398	0.00	9,685,150	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	112.81	441	0.00	13,013	0.00	7,963,005	PC	251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/t)	t	7.47	0	0.00	297,537	265.42	30,178,530	PC	452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL	132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	112.81	0	0.00	8,427	0.00	950,650	PC	135500
17	Stand Pipe	D1700mm	m	30.00	0	293.70	0	0.00	124,235,100	M	150802
Summary											
per nos.											
REMARKS											

r=1, dl=3.16, c1=0.99, c2=0.68, s=0.8, D=1.5m, L=57m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile (P) D:1500mm, 57m, (80)

Unit: 1 Sheet #: PC

nos. 553112

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			Remarks
					Foreign Currency (JP Yen)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (US\$)	Foreign Currency (US\$)	Local Currency (US\$)	
1	Foreman	Local 1*(r*d1)*1.0	M/day	3.16	0	146,392	0.00	0	0.00	462,599	L 101000
2	Skilled Labor	Local 1*(r*d1)*1.0	M/day	3.16	0	118,898	0.00	0	0.00	375,718	L 104000
3	Rigger	Local 1*(r*d1)*2.0	M/day	6.32	0	118,898	0.00	0	0.00	751,435	L 105000
4	Common Labor	Local 1*(r*d1)*2.0	M/day	6.32	0	58,671	0.00	0	0.00	370,801	L 103000
5	Press in pile driver	11.2t, 75KW 1*(1.51*r*s*d1)	day in demand	4.77	27,352	0	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	40t 1*(1.51*r*s*d1)	day in demand	3.82	29,344	0	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t 1*(r*e1*d1)	day	3.13	0	2,059,353	0.00	0	0.00	6,445,775	EL 118500
8	Crawler Crane	40t 1*(r*e2*d1)	day	2.15	0	2,059,353	0.00	0	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3 1*(1.09*r*s*d1)	day	2.76	0	970,542	0.00	0	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0	0				13,350,565	
11	Concrete Production Class - D	300kg/cm2 Q=π/4*D**2*L*(1+)	m3	112.81	565	355,059	0.00	0	1.82	51,270,427	PC 211300
12	Concrete Pacing (Plain, RC Structure)	Pump (Less than 50m3/day) Q=π/4*D**2*L*(1+)	m3	112.81	532	16,398	0.00	0	0.00	9,685,150	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km) Q=π/4*D**2*L*(1+)	m3	112.81	441	13,013	0.00	0	0.00	7,963,003	PC 251800
14	Rebar Fabrication of Pile	30m3 Q*(1+0.06)*(80kg/m)	t	8.54	0	297,537	0.00	0	265.42	34,501,295	PC 452000
15	Slush Tank (Slush Container)	30m3 1*(1.51*r*s*d1)	day in demand	3.82	1,146	0	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	D1700mm Q=π/4*D**2*L*(1+)	m3	112.81	0	8,427	0.00	0	0.00	950,650	PC 135500
17	Stand Pipe	30m	m	30.00	0	293.70	0.00	0	0.00	124,235,100	M 150802
Summary											
<p>per nos. 289,708,345</p> <p>289,708,345</p>											

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=57m, b=0.12

REMARKS

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile (P) D1500mm, 61m, (60) Unit: 1 nos. Sheet #: PC 553130

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	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	11750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2t, 75KW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 103000
10	Miscellaneous Fee	30 % of above			0				13,350,565	
11	Concrete Production Class - D	300kg/cm2	m3	120.73	565	0.00	355,059	1.82	54,869,922	PC 211500
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	120.73	532	0.00	16,398	0.00	10,365,053	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	120.73	441	0.00	13,013	0.00	8,522,098	PC 251800
14	Rebar Fabrication of Pile	Q-(1+0.06)*(80kg/m)	t	9.14	0	0.00	297,537	265.42	36,925,242	PC 452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	120.73	0	0.00	8,427	0.00	1,017,392	PC 135500
17	Stand Pipe	D1700mm	m	30.00	0	293.70	0	0.00	124,235,100	M 150802
Summary										
per nos.										
REMARKS										

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=61m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost. Cast in Place Concrete Bored Pile (P)

D1500mm, 63m, (80)

Unit: I

nos. 553130

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	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L 109000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	Ø1750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,175	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565	
11	Concrete Production Class - D	300kgf/cm2	m3	124.69	565	0.00	355,059	1.82	56,669,800	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	124.69	532	0.00	16,398	0.00	10,705,070	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	124.69	441	0.00	13,013	0.00	8,801,580	PC 251800
14	Rebar Fabrication of Pile	Ø*(1+0.06)*(80kg/h)	t	9.44	0	0.00	297,537	265.42	38,137,145	PC 452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+30m)	m3	124.69	0	0.00	8,427	0.00	1,050,763	PC 135500
17	Stand Pipe	D1700mm	m	30.00	0	293.70	0	0.00	124,235,100	M 150802
Summary										
per nos.										
REMARKS										

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=63m, b=0.12

300,702,175

300,702,175

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile (P) D1500mm, 64m, (70)

Unit: I nos.

Sheet #: PC 553141

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	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	f1750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2t, 75KW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565	
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	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/t)	t	8.39	0	0.00	297,537	265.42	33,895,202	PC 452000
15	Slush Tank (Slush Container)	1*(1.51*r*s*d1)	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q*(4*D**2*L*(1+)	m3	126.67	0	0.00	8,427	0.00	1,067,448	PC 135500
17	Stand Pipe	D1700mm	m	30.00	0	293.70	0	0.00	124,235,100	M 150802
Summary										
per nos.										
REMARKS										

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=64m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile (P)

D1500mm, 64m, (80)

Unit: 1

nos. 553142

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	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	Ø1750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	11.2t, 75KW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565	
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	Rebar Fabrication of Pile	Ø(1+0.06)*80kg/m	t	9.59	0	0.00	297,537	265.42	38,743,238	PC 452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Ø=π/4*D**2*L*(1+)	m3	126.67	0	0.00	8,427	0.00	1,067,448	PC 135500
17	Stand Pipe	D1700mm	m	30.00	0	293.70	0	0.00	124,235,100	M 150802
Summary										
per nos. 302,534,506										
REMARKS										

r=1, dl=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=64m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

Cast in Place Concrete Bored Pile (P)

D1500mm, 65m, (70)

Unit: I

Sheet #: PC

nos. 553150

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	3.16	0	0.00	146,392	0.00	462,599	L	101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L	104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L	105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L	103000
5	Press in pile driver	f1750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL	132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL	118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL	118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565		
11	Concrete Production Class - D	300kg/cm2	m3	128.65	565	0.00	355,059	1.82	58,469,406	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	128.65	532	0.00	16,398	0.00	11,045,086	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	128.65	441	0.00	13,013	0.00	9,081,191	PC	251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/m)	t	8.52	0	0.00	297,537	265.42	34,420,473	PC	452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL	132500
16	Loading, Transportation (L= 2.0 km)	Q=π/4*D**2*L*(1+)	m3	128.65	0	0.00	8,427	0.00	1,084,134	PC	135500
17	Stand Pipe	D1700mm	m	30.00	0	293.70	0	0.00	124,235,100	M	150802
Summary											
per nos.											
REMARKS											

r=1, d1=3.16, c1=0.99, c2=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 (P)

D1500mm, 68m, (70)

Unit: 1

Sheet #: PC

pos.

53161

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	3.16	0	0.00	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	0.00	118,898	0.00	375,718	L 104000
3	Rigger	Local	M/day	6.32	0	0.00	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	Local	M/day	6.32	0	0.00	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	11.2t, 75kW	day in demand	4.77	27,352	0.00	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	40t	day in demand	3.82	29,344	0.00	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	40t	day	3.13	0	0.00	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	40t	day	2.15	0	0.00	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	0.6m3	day	2.76	0	0.00	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0			0		13,350,565	
11	Concrete Production Class - D	300kgf/cm2	m3	134.59	565	0.00	1.82	355,059	0.00	61,169,022	PC 211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	134.59	532	0.00	0.00	16,398	0.00	11,555,046	PC 221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	134.59	441	0.00	0.00	13,013	0.00	9,500,414	PC 251800
14	Rebar Fabrication of Pile	30m3	t	8.92	0	0.00	265.42	297,537	0.00	36,036,485	PC 452000
15	Slush Tank (Slush Container)	D1700mm	day in demand	3.82	1,146	0.00	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	D1700mm	m3	134.59	0	0.00	0.00	8,427	0.00	1,134,190	PC 135500
17	Stand Pipe	D1700mm	m	30.00	0	293.70	0.00	0	0.00	124,235,100	M 150802
Summary											
per nos.											
REMARKS											

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=68m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile (P)

D1500mm, 68m, (80)

Unit: I

nos.

Sheet #: PC 553162

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	3.16	0	0.00	146,392	0.00	462,599	L	101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L	104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L	105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L	103000
5	Press in pile driver	11750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL	132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL	118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL	118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565		
11	Concrete Production Class - D	300kg/cm2	m3	134.59	565	0.00	355,059	1.82	61,169,022	PC	211300
12	Concrete Placing (Plain, RC Structure)	Pump (Less than 50m3/day)	m3	134.59	532	0.00	16,398	0.00	11,555,046	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	134.59	441	0.00	13,013	0.00	9,590,414	PC	251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(80kg/m)	t	10.19	0	0.00	297,537	265.42	41,167,185	PC	452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL	132500
16	Loading, Transportation (L=2.0 km)	Q=4*D*2*L*(1+)	m3	134.59	0	0.00	8,427	0.00	1,134,190	PC	135500
17	Stand Pipe	D1700mm	m	30.00	0	293.70	0	0.00	124,235,100	M	150802
Summary											
per nos. 309,863,675											
REMARKS r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=68m, b=0.12											

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile (P)

D1500mm, 69m, (70)

Unit: 1

nos.

553170

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	3.16	0	0.00	146,392	0.00	462,599	L	101000
2	Skilled Labor	Local	M/day	3.16	0	0.00	118,898	0.00	375,718	L	104000
3	Rigger	Local	M/day	6.32	0	0.00	118,898	0.00	751,435	L	105000
4	Common Labor	Local	M/day	6.32	0	0.00	58,671	0.00	370,801	L	105000
5	Press in pile driver	1750mm	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	11.2t, 75kW	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL	132000
7	Crawler Crane	40t	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL	118500
8	Crawler Crane	40t	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL	118500
9	Backhoe	0.6m3	day	2.76	0	0.00	970,542	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above			0		0		13,350,565		
11	Concrete Production Class - D	300kg/cm2	m3	136.57	565	0.00	355,059	1.82	62,069,032	PC	211300
12	Concrete Pacing(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	Rebar Fabrication of Pile	30m3	t	9.05	0	0.00	297,537	265.42	36,561,615	PC	452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL	132500
16	Loading, Transportation (L = 2.0 Km)	D1700mm	m3	136.57	0	0.00	8,427	0.00	1,150,875	PC	135500
17	Stand Pipe	D1700mm	m	30.00	0	293.70	0	0.00	124,235,100	M	150802
Summary											
per pos.											
REMARKS											

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=69m, b=0.12

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Cast in Place Concrete Bored Pile (P) D:1500mm, 70m, (70) Unit: 1 nos. Sheet #: PC 552180

No.	Description	Specification	Unit	Quantity	Unit Price			COMBINED TOTAL COST (VND)			Remarks
					Foreign Currency (JP Yen)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)		
1	Foreman	Local	M/day	3.16	0	146,392	0.00	0.00	462,599	L	101000
2	Skilled Labor	Local	M/day	3.16	0	118,898	0.00	0.00	375,718	L	104000
3	Rigger	Local	M/day	6.32	0	118,898	0.00	0.00	751,435	L	105000
4	Common Labor	Local	M/day	6.32	0	58,671	0.00	0.00	370,801	L	105000
5	Press in pile driver	f1750mm	day in demand	4.77	27,352	0	0.00	0.00	17,033,453	EL	131000
6	Reverse Circulation Drill	11.2t, 75KW	day in demand	3.82	29,344	0	0.00	0.00	14,634,494	EL	132000
7	Crawler Crane	40t	day	3.13	0	2,059,353	0.00	0.00	6,445,775	EL	118500
8	Crawler Crane	40t	day	2.15	0	2,059,353	0.00	0.00	4,427,609	EL	118500
9	Backhoe	0.6m3	day	2.76	0	970,542	0.00	0.00	2,678,696	EL	101000
10	Miscellaneous Fee	30 % of above			0	0			13,350,565		
11	Concrete Production Chas - D	300kg/cm2	m3	138.54	565	355,059	0.00	1.82	62,964,284	PC	211300
12	Concrete Pacing(Plain, RC Structure)	Pump(Less than 50m3/day)	m3	138.54	532	16,398	0.00	0.00	11,894,115	PC	221100
13	Concrete Transportation	Truck Mixer (3.5km)	m3	138.54	441	13,013	0.00	0.00	9,779,243	PC	251800
14	Rebar Fabrication of Pile	30m3	1	9.18	0	297,537	0.00	265.42	37,086,886	PC	452000
15	Slush Tank (Slush Container)	30m3	day in demand	3.82	1,146	0	0.00	0.00	571,572	EL	132500
16	Loading, Transportation (L = 2.0 km)	D1700mm	m3	138.54	0	8,427	0.00	0.00	1,167,477	PC	135500
17	Stand Pipe	D1700mm	m	30.00	0	0	293.70	0.00	124,235,100	M	150802
Summary											
per nos. 308,229,823											
REMARKS											

f=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=70m, b=0.12

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost D1500mm, 71m, (70) Unit: 1 nos. Sheet #: PC 553190

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	3.16	0	0.00	146,392	0.00	462,599	L 101000
2	Skilled Labor	1*(r*d1*1.0)	M/day	3.16	0	0.00	118,898	0.00	375,718	L 104000
3	Rigger	1*(r*d1*2.0)	M/day	6.32	0	0.00	118,898	0.00	751,435	L 105000
4	Common Labor	1*(r*d1*2.0)	M/day	6.32	0	0.00	58,671	0.00	370,801	L 103000
5	Press in pile driver	1*(1.51*r*d1)	day in demand	4.77	27,352	0.00	0	0.00	17,033,453	EL 131000
6	Reverse Circulation Drill	1*(1.51*r*s*d1)	day in demand	3.82	29,344	0.00	0	0.00	14,634,494	EL 132000
7	Crawler Crane	1*(r*e1*d1)	day	3.13	0	0.00	2,059,353	0.00	6,445,775	EL 118500
8	Crawler Crane	1*(r*e2*d1)	day	2.15	0	0.00	2,059,353	0.00	4,427,609	EL 118500
9	Backhoe	1*(1.09*r*s*d1)	day	2.76	0	0.00	970,542	0.00	2,678,696	EL 101000
10	Miscellaneous Fee	30 % of above			0				13,350,565	
11	Concrete Production Class - D	Q=π/4*D**2*L*(1+)	m3	140.52	565	0.00	353,059	1.82	63,864,294	PC 211300
12	Concrete Placing (Plain, RC Structure)	Q=π/4*D**2*L*(1+)	m3	140.52	532	0.00	16,398	0.00	12,064,189	PC 221100
13	Concrete Transportation	Q=π/4*D**2*L*(1+)	m3	140.52	441	0.00	13,013	0.00	9,918,984	PC 251800
14	Rebar Fabrication of Pile	Q*(1+0.06)*(70kg/m)	t	9.31	0	0.00	297,537	265.42	37,612,015	PC 452000
15	Slush Tank (Slush Container)	1*(1.51*r*s*d1)	day in demand	3.82	1,146	0.00	0	0.00	571,572	EL 132500
16	Loading, Transportation (L = 2.0 km)	Q=π/4*D**2*L*(1+)	m3	140.52	0	0.00	8,427	0.00	1,184,162	PC 135500
17	Stand Pipe	30m	m	30.00	0	293.70	0	0.00	124,235,100	M 150802
Summary										
per nos. 309,981,461										

r=1, d1=3.16, e1=0.99, e2=0.68, s=0.8, D=1.5m, L=71m, b=0.12

REMARKS