

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

CAN THO BRIDGE CONSTRUCTION PROJECT										
Process Cost										
Production of U-Shape Side Ditch										
*** **										
Unit: 100 m										
Sheet #: PC 191210										
No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (VND)		Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Cost (VND)	
1	Concrete Production Class - E	240kgf/cm2	m3	69.96	565	0.00	334,674	0.83	29,393,049	PC 211400
2	Concrete Placing (Small Structure)	Man Power	m3	69.96	0	0.00	40,020	0.00	2,799,799	PC 223200
3	Curing (Small Structure)	Normal	m3	66.00	0	0.00	5,036	0.00	332,376	PC 231300
4	Form Work for Concrete	H<4m	m2	286.00	0	0.00	32,002	0.00	9,152,572	PC 241100
5	Rebar Fabrication	D10 - D14	t		0	0.00	456,771	257.91	0	PC 201100
6	Rebar Fabrication	D16 - D25	t		0	0.00	383,279	257.91	0	PC 201200
Summary										
per m										
REMARKS										
k=0.06										
									41,677,796	
									416,778	

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CAN THO BRIDGE CONSTRUCTION PROJECT		Production of U-Shape Side Ditch		500*550	Unit: 100	m			
Process Cost		Sheet #:		PC	191212				
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	Concrete Production Class - E	240kg/cm ²	m ³	69.96	565	0.00	334,674	29,393,049	PC 211,400
2	Concrete Placing (Small Structure)	V*(1+k) Man Power	m ³	69.96	0	0.00	40,020	2,799,799	PC 223,200
3	Curing (Small Structure)	V Normal	m ³	66.00	0	0.00	5,036	332,376	PC 231,300
4	Form Work for Concrete	H<4m A	m ²	286.00	0	0.00	32,002	9,152,572	PC 241,100
5	Rebar Fabrication	D10 - D14	t		0	0.00	456,771	0	PC 201,100
6	Rebar Fabrication	D16 - D25	t		0	0.00	383,279	0	PC 201,200
Summary									
Total									
k=0.06									
REMARKS									

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Unit: 100 nos 191220

Sheet #: FC

No.	Description	Specification	Unit	Quantity	Unit Price				Local Currency (VND)	Local Currency (US\$)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
										Combined Total Cost (VND)	
1	Concrete Production Class - E	240kgf/cm ² V*(1+k)	m ³	26.43	565	0.00	334,674	0.83		11,104,374	PC
2	Concrete Placing (Small Structure)	Man Power V*(1+k)	m ³	26.43	0	0.00	40,020	0.00		1,057,729	PC
3	Curing (Small Structure)	Normal V	m ³	25.91	0	0.00	5,036	0.00		130,483	PC
4	Form Work for Concrete	H<4m A	m ²	342.82	0	0.00	32,002	0.00		10,970,926	PC
5	Form Work for Concrete	H<4m (Circle) A	m ²	21.24	0	0.00	40,478	0.00		859,753	PC
6	Rebar Fabrication	D10 - D14 D16 - D25	t	0.75 0.44	0	0.00	456,771 383,279	257.91		3,069,941	PC
Summary											
											27,361,849
											273,618
REMARKS											

k=0.02

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

D1500

Unit: 100 nos

Sheet #: PC 191230

Production of Pipe Culvert

No.	Description	Specification	Unit	Quantity	Unit Price			Local Currency (US\$)		Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Cost (VND)	
1	Concrete Production Class - E	240kg/cm2	m3	253.64	565	0.00	334.674	0.83	106,564,570	PC 211,400
2	Concrete Placing (Small Structure)	Man Power	m3	253.64	0	0.00	40.020	0.00	10,150,673	PC 223,200
3	Curing (Small Structure)	Normal	m3	248.67	0	0.00	5.036	0.00	1,252,302	PC 231,300
4	Form Work for Concrete	H<4m (Circle)	m2	10.30	0	0.00	40.478	0.00	416,923	PC 241,300
5	Rebar Fabrication	D10 - D14	t	6.63	0	0.00	456.771	257.91	27,138,546	PC 201,100
Summary										
										145,523,014
										1,455,230

k=0.02

REMARKS

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	Concrete Production Class - E	240kg/cm2	m3		565	0.00	334,674	0.83		0 PC 211400	
2	Concrete Placing (Small Structure)	Main Power	m3		0	0.00	40,020	0.00		0 PC 223200	
3	Curing (Small Structure)	Normal	m3		0	0.00	5,036	0.00		0 PC 231300	
4	Form Work for Concrete	H<4m (Circle)	m2		0	0.00	40,478	0.00		0 PC 241300	
5	Rebar Fabrication	D10 - D14	t		0	0.00	456,771	257.91		0 PC 201100	
Summary										0	
per nos										0	

REMARKS k=0.02

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CAN THO BRIDGE CONSTRUCTION PROJECT														
Process Cost												Production of Guide Post		Unit: 1 nos
											Sheet #: FC	191410		
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\$)	Local Currency (US\$)				
1	Concrete Production Class - E	240kg/cm2	m3		565	0.00	334,674	0.83			0	PC	211400	
2	Concrete Placing (Small Structure)	Man Power	m3		0	0.00	40,020	0.00			0	PC	223200	
3	Curing (Small Structure)	Normal	m3		0	0.00	5,036	0.00			0	PC	231300	
4	Form Work for Concrete	H<4m (Circle)	m2		0	0.00	40,478	0.00			0	PC	241300	
5	Rebar Fabrication	D10 - D14	t		0	0.00	456,771	257.91			0	PC	201100	
Summary														
per	nos													
REMARKS														

K=0.02

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost

Unit: 100 m2

Sheet #: PC 191710

No.	Description	Specification	Unit	Quantity	Unit Price	Unit Price			Remarks		
						Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)			
1	Foreman	1*0.6 Local	M/day	0.60	0	0.00	146,392	0.00	87,835 L		
2	Common Labor	1*6.4 Local	M/day	6.40	0	0.00	58,671	0.00	375,494 L		
3	Sodding	100*(1+0.02) m2		102.00	0	0.00	32,945	0.00	3,360,390 M		
4	Miscellaneous Fee	4 % of above							152,949		
Summary										3,976,668	
pcr	m2										39,767

REMARKS

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Slope Protection (Consolidating Masonry) Backfilling

Unit: 10 m³
Sheet #: PC 191730

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	Common Labor	1*1.5	M/day	1.30	0	0.00	58,671	0.00	88,007	L	103000
	Miscellaneous Fee	3 % of above							2,640	0	
2	Sand for Back Fill	10*(1+K)	m ³	12.00	0	0.00	19,280	0.00	231,360	M	107510
3	Loading, Transportation (L = 2.0 km)	10*(1+K)	m ³	12.00	0	0.00	8,427	0.00	101,124	PC	135500
Summary											
per	m ³									423,131	
REMARKS											
K=0.20											

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CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Installation of RC pipe

D400mm

Unit: 10

Sheet #: PC 193030

No.	Description	Specification	Unit	Quantity	Unit Price				Local Currency (VND)	Local Currency (US\$)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
1	Foreman	Local	M/day	0.30	0	0.00	146,392	0.00	43,918	L	101000
2	Skilled Labor	Local	M/day	0.30	0	0.00	118,898	0.00	35,669	L	104000
3	Common Labor	Local	M/day	0.80	0	0.00	58,671	0.00	46,937	L	103000
4	Truck Crane	4.8 - 4.9t	day	0.30	0	0.00	396,332	0.00	118,900	EL	123010
5	Miscellaneous Fee	28 % of above							68,719		
6	Production of RC Pipe	D400mm	nos	2.50	180	0.00	518,544	8.63	1,659,388	PC	191140
7	Concrete Production Class - E	240kg/cm2	m3	0.17	565	0.00	334,674	0.83	71,402	PC	211400
8	Concrete Placing (Small Structure)	Man Power	m3	0.17	0	0.00	40,020	0.00	6,803	PC	223200
9	Curing (Small Structure)	Normal	m3	0.16	0	0.00	5,036	0.00	806	PC	231300
10	Form Work for Concrete	H<4m	m2	0.34	0	0.00	32,002	0.00	10,881	PC	241100
11	Rebar Fabrication	D10 - D14	t	0.02	0	0.00	456,771	257.91	81,891	PC	201100
Summary											
										2,145,314	
per m										214,531	
REMARKS											

CAN THO BRIDGE CONSTRUCTION PROJECT												
Process Cost												
Installation of RC pipe												
D500mm												
Unit: 10 m												
Sheet #: PC 193040												
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*0.3	M/day	0.30	0	0.00	146,392	0.00	43,918	0.00	101,000	L
2	Skilled Labor	Local 1*0.3	M/day	0.30	0	0.00	118,898	0.00	35,669	0.00	104,000	L
3	Common Labor	Local 1*0.8	M/day	0.80	0	0.00	58,671	0.00	46,937	0.00	103,000	L
4	Truck Crane	4.8 - 4.9t	day	0.30	0	0.00	396,332	0.00	118,900	0.00	123,010	EL
5	Miscellaneous Fee	28 % of above							68,719			
6	Production of RC Pipe	D500mm 10/4	nos	2.50	267	0.00	717,960	11.87	2,300,599	11.87	191,150	PC
7	Concrete Production Class - G	150kg/cm2 V*(1+k)	m3	0.32	565	0.00	304,668	0.00	121,125	0.00	211,500	PC
8	Concrete Placing (Small Structure)	Man Power V*(1+k)	m3	0.32	0	0.00	40,020	0.00	12,806	0.00	232,200	PC
9	Curing (Small Structure)	Normal V	m3	0.30	0	0.00	5,036	0.00	1,511	0.00	231,300	PC
10	Form Work for Concrete	H<4m A	m2	0.38	0	0.00	32,002	0.00	12,161	0.00	241,100	PC
11	Rebar Fabrication	D10 - D14	t	0.02	0	0.00	456,771	257.91	81,891	257.91	201,100	PC
Summary												
2,844,235												
284,424												
REMARKS												

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

CAN THO BRIDGE CONSTRUCTION PROJECT											
Process Cost											
Installation of Catch Basin Type C											
Unit: 10 nos											
Sheet #: PC 193053											
No.	Description	Specification	Unit	Quantity	Unit Price			Combined Total Cost			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Local Currency (VND)	(VND)	
1	Foreman	Local	M/day	0.10	0	0.00	146,392	0.00	14,639	101,000	
2	Skilled Labor	Local	M/day	0.10	0	0.00	118,898	0.00	11,890	104,000	
3	Common Labor	Local	M/day	0.20	0	0.00	58,671	0.00	11,734	163,000	
4	Truck Crane	4.8 - 4.9t	day	0.40	0	0.00	396,332	0.00	158,533	123,010	
5	Production of Catch Basin Type B	(D500mm)	nos	10.00	1.068	0.00	7,764,695	3,700.00	600,741,283	191,170	PC
Summary											
per nos											
REMARKS											

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CAN THO BRIDGE CONSTRUCTION PROJECT											
Process Cost											
Installation of U-Shape Side Ditch											
400*400-750											
Unit: m											
Sheet #: PC 193091											
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*0.4	M/day	0.40	0	0.00	146,392	0.00	58,557	1L	101000
2	Skilled Labor	Local 1*0.4	M/day	0.40	0	0.00	118,898	0.00	47,559	1L	104000
3	Common Labor	Local 1*1.0	M/day	1.00	0	0.00	58,671	0.00	58,671	1L	103000
4	Truck Crane	4.8 - 4.9t	day	0.50	0	0.00	396,332	0.00	198,166	1EL	123010
5	Miscellaneous Fee	28 % of above							101,627		
6	Production of U-Shape Side Ditch	400*400-750	m	10.00	395	0.00	356,985	0.58	4,167,324	1PC	191211
7	Crushed stone Backfilling		m3		0	0.00	166,838	0.00	0	1PC	193020
8	Wood Pile	L=less than 3.0m	nos		0	0.00	34,919	0.00	0	1PC	330000
Summary											
4,631,904											
463,190											
REMARKS											

