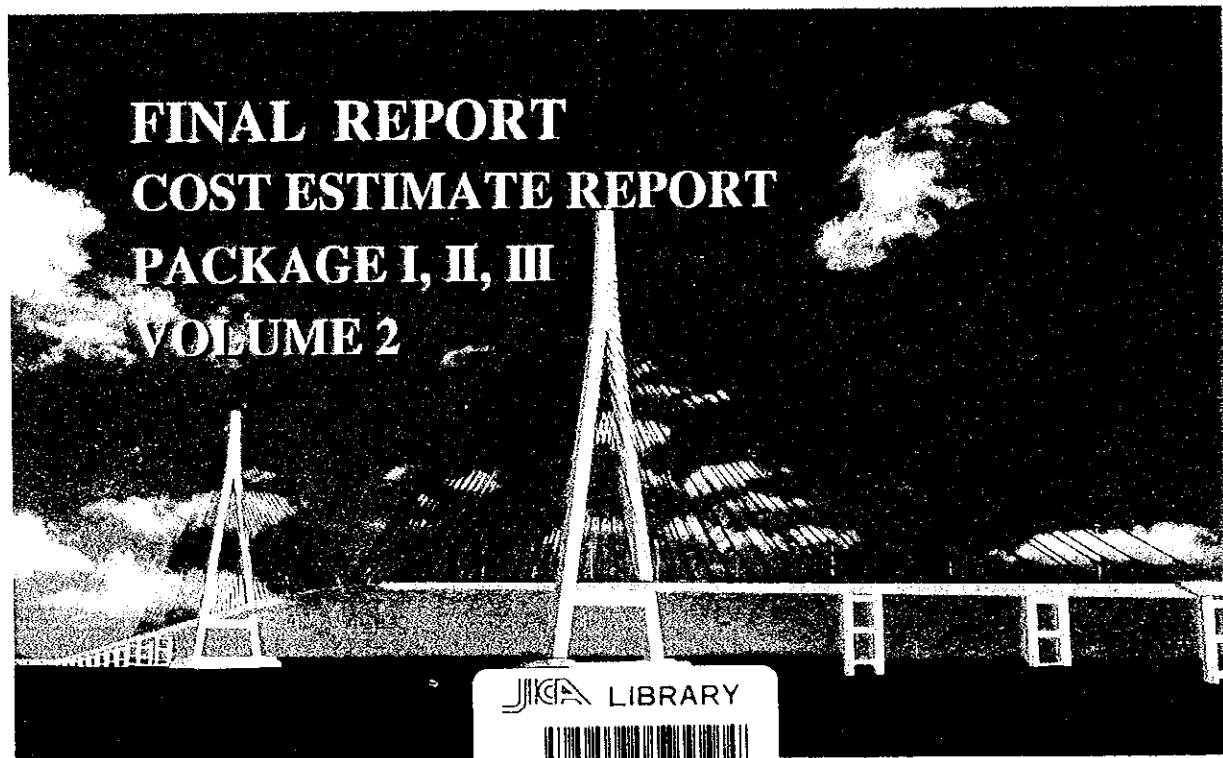


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
MINISTRY OF TRANSPORT  
SOCIALIST REPUBLIC OF VIET NAM

**THE DETAILED DESIGN  
ON  
THE CAN THO BRIDGE CONSTRUCTION  
IN  
SOCIALIST REPUBLIC OF VIET NAM**



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**THE DETAILED DESIGN  
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**FINAL REPORT  
COST ESTIMATE REPORT  
PACKAGE I, II, III  
VOLUME 2**

**OCTOBER 2000**

**NIPPON KOEI CO., LTD.**



1161259 [5]

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

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## II-1. Summary of Process Cost

CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost		No.	Description	Specification	Unit	Unit Price			Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks
Category	Foreign Currency (JP Yen)					Foreign Currency (US\$)	Local Currency (VND)					
Earth Work		PC-101000	Felling, Grubbing, Grade and Accumulation	Less than 50 trees / 100m2	m2	0	0.00	2,890	0.00	2,890		
Earth Work		PC-102000	Felling, Grubbing, Grade and Accumulation	More than 50 trees / 100m2	m2	0	0.00	3,157	0.00	3,157		
Earth Work		PC-103000	Felling, Grubbing, Grade and Accumulation	Bamboo	m2	0	0.00	3,375	0.00	3,375		
Earth Work		PC-104000	Grade and Accumulation	Rice Field	m2	0	0.00	1,353	0.00	1,353		
Earth Work		PC-105000	Stripping Topsoil		m2	0	0.00	1,513	0.00	1,513		
Earth Work		PC-106000	Excavation(OpenCut, Swamp&Soft Ground)	Bulldozer 16t	m3	0	0.00	3,473	0.00	3,473		
Earth Work		PC-107000	Excavation ( Open Cut )	Bulldozer 21t	m3	0	0.00	3,600	0.00	3,600		
Earth Work		PC-108000	Excavation ( Excavation for Foundation )	Backhoe 0.6m3	m3	0	0.00	4,367	0.00	4,367		
Earth Work		PC-108010	Excavation(Excavation for Foundation) (W)	Backhoe 0.6m3	m3	0	0.00	5,435	0.00	5,435		
Earth Work		PC-108510	Excavation (Man Power)	Man Power	m3	0	0.00	24,642	0.00	24,642		
Earth Work		PC-108700	Excavation	Clamshell Bucket	m3	207	0.00	1,420	0.00	28,452		
Earth Work		PC-109000	Backfilling - A	W2>4m	m3	0	0.00	30,754	0.00	30,754		
Earth Work		PC-110000	Backfilling - B	W1>4m, W2<1m	m3	11	0.00	32,240	0.00	33,669		
Earth Work		PC-111000	Backfilling - C	1m<W1<4m	m3	27	0.00	34,468	0.00	38,041		
Earth Work		PC-112000	Backfilling - D	W1<1m, W2<1m	m3	0	0.00	40,277	0.00	40,277		
Earth Work		PC-112010	Compaction with Tamper		m3	0	0.00	4,206	0.00	4,206		
Earth Work		PC-112020	Compaction with Vibration Roller (Subgrade)	≧0.2m	m3	0	0.00	16,187	0.00	16,187		
Earth Work		PC-112110	Backfilling (Man Power)	Man Power	m3	0	0.00	38,490	0.00	38,490		
Earth Work		PC-113000	Spreading ( Filled Up Ground )	Bulldozer 21t	m3	0	0.00	13,241	0.00	13,241		
Earth Work		PC-114000	Spreading ( Subgrade )	Bulldozer 21t	m3	0	0.00	25,614	0.00	25,614		
Earth Work		PC-115000	Compaction ( Filled Up Ground )	Tire Roller	m3	0	0.00	604	0.00	604		
Earth Work		PC-116000	Compaction ( Subgrade )	Tire Roller	m3	0	0.00	1,284	0.00	1,284		
Earth Work		PC-117000	Spreading&Compaction(FilledUpGround)	Bulldozer 21t	m3	0	0.00	14,485	0.00	14,485		
Earth Work		PC-118000	Spreading & Compaction ( Subgrade )	Bulldozer 21t	m3	0	0.00	28,280	0.00	28,280		
Earth Work		PC-119000	Spreading of Drainage Blanket (≧70cm)		m3	0	0.00	14,680	0.00	14,680		
Earth Work		PC-119540	PVD	Length 13m	nos	0	3.90	9,075	0.00	64,095		
Earth Work		PC-119550	PVD	Length 18m	nos	0	5.36	13,054	0.00	88,603		
Earth Work		PC-119560	PVD	Length 21m	nos	0	6.23	15,002	0.00	102,868		
Earth Work		PC-119570	PVD	Length 25m	nos	0	7.40	17,728	0.00	122,018		

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CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost		No.	Description	Specification	Unit	Unit Price			Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks
Category	Foreign Currency (JP Yen)					Local Currency (VND)	Local Currency (US\$)						
Earth Work		PC-119580	PVD	Length 27m	nos	0	19,438	7.98	0.00	0.00	131,940		
Earth Work		PC-120000	Trimming of Slope	W>3m, Bulldozer 151	m2	0	3,800	0.00	0.00	0.00	3,800		
Earth Work		PC-121000	Trimming of Slope	W<3m, Backhoe 0.6m3	m2	0	5,145	0.00	0.00	0.00	5,145		
Earth Work		PC-121100	Trimming of Slope	W<3m, Backhoe 0.6m3	m2	0	5,145	0.00	0.00	0.00	5,145		
Earth Work		PC-122000	Leveling		m2	0	2,311	0.00	0.00	0.00	2,311		
Earth Work		PC-135100	Loading, Transportation ( L = 0.3 km )		m3	0	5,856	0.00	0.00	0.00	5,856	Dump Truck 10t, Backhoe 1.0m3	
Earth Work		PC-135200	Loading, Transportation ( L = 0.5 km )		m3	0	6,499	0.00	0.00	0.00	6,499	Dump Truck 10t, Backhoe 1.0m3	
Earth Work		PC-135500	Loading, Transportation ( L = 2.0 km )		m3	0	8,427	0.00	0.00	0.00	8,427	Dump Truck 10t, Backhoe 1.0m3	
Pavement Works		PC-150010	Asphalt Concrete Production	Coarse graded	t	552	178,831	0.00	0.00	0.00	250,871		
Pavement Works		PC-150030	Asphalt Concrete Production	Fine graded	t	552	215,334	0.00	0.00	0.00	287,374		
Pavement Works		PC-150040	Guss Asphalt Concrete Production	Guss Asphalt	t	552	215,334	0.00	0.00	0.00	287,374		
Pavement Works		PC-150050	Improved Asphalt Concrete Production			2,291	80,616	0.00	0.00	0.00	379,680		
Pavement Works		PC-151000	Subbase Course ( Carriageway )	Thickness 300mm	m2	0	52,574	0.00	0.00	0.00	52,574		
Pavement Works		PC-152000	Base Course ( Carriageway )	Thickness 300mm	m2	0	52,957	0.00	0.00	0.00	52,957		
Pavement Works		PC-153000	Asphalt Concrete Binder Course Hotlaid	Thickness 100mm	m2	137	46,252	0.00	0.00	0.00	64,154	( Carriageway )	
Pavement Works		PC-153010	Prime Coat	200 l / 100m2	m2	0	5,641	0.00	0.00	0.00	5,641		
Pavement Works		PC-154000	Asphalt Concrete Surface Course Hotlaid	Thickness 50mm	m2	69	28,575	0.00	0.00	0.00	37,526	( Carriageway )	
Pavement Works		PC-154010	Tack Coat	60 l / 100m2	m2	0	1,578	0.00	0.00	0.00	1,578		
Pavement Works		PC-155000	Base Course ( Shoulder & Pedestrian )	Thickness 150mm	m2	0	25,819	0.00	0.00	0.00	25,819		
Pavement Works		PC-157010	Sheet Waterproofing for Concrete Bridge	Sheet	m2	36	2,144	0.00	0.00	0.00	6,879		
Pavement Works		PC-158000	Asphalt Concrete Pavement (Bridge)	t=70mm	m2	96	39,277	0.00	0.00	0.00	51,899		
Pavement Works		PC-158010	Guss Asphalt Pavement	Steel Surface Treatment	m2	0	772	0.00	0.00	0.00	772		
Pavement Works		PC-158020	Guss Asphalt Pavement	Coating Work of Bond	m2	177	373	0.00	0.00	0.00	23,513		
Pavement Works		PC-158040	Guss Asphalt Pavement	Pavement 40mm	m2	276	23,267	0.00	0.00	0.00	59,237		
Pavement Works		PC-158050	Improved Asphalt Pavement	Pavement 40mm	m2	444	10,254	0.00	0.00	0.00	68,155		
Pavement Works		PC-158060	Concrete Pavement	t=250mm, With Machine	m2	533	105,326	0.00	0.00	0.47	181,556		
Pavement Works		PC-158070	Concrete Pavement	t=250mm, Man Power	m2	223	109,057	0.00	0.00	0.47	144,746		
Pavement Works		PC-158080	Interlocking Concrete Paving			0	63,288	0.00	0.00	0.00	63,288	for Service Area	
Road Works		PC-191110	Production of Concrete Block	for Slope Protection	nos	0	0	0.00	0.00	0.00	0		



CAN THO BRIDGE CONSTRUCTION PROJECT

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Category						Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)				
Road Works		PC-191120	Production of Median Barrier		nos	663	0.00	510,774	5.89	680,421			
Road Works		PC-191140	Production of RC Pipe	D400mm	nos	180	0.00	518,344	8.63	663,622			
Road Works		PC-191150	Production of RC Pipe	D500mm	nos	267	0.00	717,960	11.87	920,139			
Road Works		PC-191160	Production of Catch Basin Type A	(D400mm)	nos	1,040	0.00	7,718,827	3,699.96	60,024,041			
Road Works		PC-191170	Production of Catch Basin Type B	(D500mm)	nos	1,068	0.00	7,764,695	3,700.00	60,074,128			
Road Works		PC-191180	Production of C Cover for U-Shaped Gutter	*** * **	m	0	0.00	0	0.00	0			
Road Works		PC-191181	Production of C Cover for U-Shaped Gutter	400*400	m	0	0.00	0	0.00	0			
Road Works		PC-191182	Production of C Cover for U-Shaped Gutter	400*250	m	0	0.00	0	0.00	0			
Road Works		PC-191190	Production of U-Shape Gutter	*** * **	m	0	0.00	0	0.00	0			
Road Works		PC-191191	Production of U-Shape Gutter	400*400	m	0	0.00	0	0.00	0			
Road Works		PC-191192	Production of U-Shape Gutter	400*250	m	0	0.00	0	0.00	0			
Road Works		PC-191210	Production of U-Shape Side Ditch	*** * **	m	395	0.00	356,985	0.58	416,778			
Road Works		PC-191211	Production of U-Shape Side Ditch	400*400-750	m	395	0.00	356,985	0.58	416,778			
Road Works		PC-191212	Production of U-Shape Side Ditch	500*550	m	395	0.00	356,985	0.58	416,778			
Road Works		PC-191213	Production of U-Shape Side Ditch	500*1000	m	395	0.00	356,985	0.58	416,778			
Road Works		PC-191220	Production of KM Post		nos	149	0.00	223,755	2.15	273,618			
Road Works		PC-191230	Production of Pipe Culvert	D1500	nos	1,433	0.00	997,350	19.20	1,455,230			
Road Works		PC-191240	Production of Curb	Type A	m	48	0.00	74,821	0.07	82,051			
Road Works		PC-191250	Production of Curb	Type B	m	62	0.00	84,587	0.09	93,980			
Road Works		PC-191310	Production of Outlet 1		nos	0	0.00	0	0.00	0			
Road Works		PC-191320	Production of Outlet 2		nos	0	0.00	0	0.00	0			
Road Works		PC-191330	Production of Outlet 3		nos	0	0.00	0	0.00	0			
Road Works		PC-191410	Production of Guide Post		nos	0	0.00	0	0.00	0			
Road Works		PC-191710	Slope Protection ( Sodding )		m2	0	0.00	39,767	0.00	39,767			
Road Works		PC-191720	Slope Protection ( Consolidating Masonry )	Installation of Block	m2	0	0.00	176,168	0.00	176,168			
Road Works		PC-191730	Slope Protection ( Consolidating Masonry )	Backfilling	m3	0	0.00	42,313	0.00	42,313			
Road Works		PC-191740	Installation of Median Barrier		m	332	0.00	323,751	2.95	408,554			
Road Works		PC-191820	Installation of Guard Rail	*	m	0	0.00	306,818	0.00	306,818			
Road Works		PC-191930	Line Marking	*	m2	0	0.00	94,091	0.00	94,091			

CAN THO BRIDGE CONSTRUCTION PROJECT

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Category	Foreign Currency (JP Yen)					Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	
Road Works		PC-191941	Sign Board	* Circle P35	board	0	0.00	481,500	0.00	481,500		
Road Works		PC-191942	Sign Board	* Circle P70	board	0	0.00	571,500	0.00	571,500		
Road Works		PC-191943	Sign Board	* Triangle side	board	0	0.00	481,500	0.00	481,500		
Road Works		PC-191944	Sign Board	* Square 60x60	board	0	0.00	369,000	0.00	369,000		
Road Works		PC-191945	Sign Board	* Name of bridge	board	0	0.00	531,000	0.00	531,000		
Road Works		PC-191946	Sign Board	* Name of road	board	0	0.00	481,500	0.00	481,500		
Road Works		PC-191947	Sign Board	* Auxiliary board	board	0	0.00	481,500	0.00	481,500		
Road Works		PC-191950	Sign Board	* Sign post	post	0	0.00	540,000	0.00	540,000		
Road Works		PC-192310	Installation of Km Post		post	149	0.00	235,489	0.00	254,942		
Road Works		PC-192320	Installation of Pipe Culvert	D1500	m	1,865	0.00	3,089,411	23.84	3,669,095		
Road Works		PC-193010	Crushed Stone Foundation	?	m2	0	0.00	34,803	0.00	34,803		
Road Works		PC-193020	Crushed stone Backfilling		m3	0	0.00	166,838	0.00	166,838		
Road Works		PC-193021	Sand bedding	Box culvert	m3	0	0.00	60,374	0.00	60,374		
Road Works		PC-193030	Installation of RC pipe	D400mm	m	55	0.00	169,502	2.69	214,531		
Road Works		PC-193040	Installation of RC pipe	D500mm	m	85	0.00	224,215	3.48	284,424		
Road Works		PC-193051	Installation of Catch Basin Type A		nos	1,040	0.00	7,771,541	3,699.96	60,076,754		
Road Works		PC-193052	Installation of Catch Basin Type B		nos	1,068	0.00	7,784,375	3,700.00	60,093,808		
Road Works		PC-193053	Installation of Catch Basin Type C		nos	1,068	0.00	7,784,375	3,700.00	60,093,808		
Road Works		PC-193054	Installation of Catch Basin Type D		nos	1,068	0.00	7,784,375	3,700.00	60,093,808		
Road Works		PC-193070	Installation of U-shaped gutter with C cover	****	m	0	0.00	3,826	0.00	3,826		
Road Works		PC-193071	Installation of U-shaped gutter with C cover	400*400	m	0	0.00	3,826	0.00	3,826		
Road Works		PC-193072	Installation of U-shaped gutter with C cover	400*250	m	0	0.00	3,826	0.00	3,826		
Road Works		PC-193080	Installation of U-Shaped gutter	****	m	0	0.00	3,826	0.00	3,826		
Road Works		PC-193081	Installation of U-Shaped gutter	400*250	m	0	0.00	3,826	0.00	3,826		
Road Works		PC-193090	Installation of U-Shape Side Ditch	(500x500mm)	m	395	0.00	1,391,244	0.58	1,450,991		
Road Works		PC-193091	Installation of U-Shape Side Ditch	400*400-750	m	395	0.00	403,443	0.58	463,190		
Road Works		PC-193092	Installation of U-Shape Side Ditch	500*550	m	395	0.00	403,443	0.58	463,190		
Road Works		PC-193093	Installation of U-Shape Side Ditch	500*1000	m	395	0.00	403,443	0.58	463,190		
Road Works		PC-193110	Installation of Outlet 1		nos	0	0.00	19,680	0.00	19,680		

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Category	Foreign Currency (JP Yen)					Foreign Currency (US\$)	Local Currency (US\$)					
Road Works		PC-193120	Installation of Outlet 2		nos	0	0.00	19,680	0.00	19,680		
Road Works		PC-193130	Installation of Outlet 3		nos	0	0.00	19,680	0.00	19,680		
Road Works		PC-193210	Installation of Curb	Type A	m	48	0.00	131,623	0.07	138,877		
Road Works		PC-193220	Installation of Curb	Type B	m	62	0.00	148,396	0.09	157,760		
Road Works		PC-193311	Installation of delineator*	D100	nos	0	0.00	142,000	0.00	142,000		
Road Works		PC-193410	Installation of Guide Post			0	0.00	11,734	0.00	11,734		
Road Works		PC-195910	Asphalt joint filler 20mm thick	l=350mm	m	505	0.00	944	0.00	66,890		
Road Works		PC-195911	Asphalt joint filler 20mm thick	l=400mm	m	577	0.00	944	0.00	76,311		
Road Works		PC-195912	Asphalt joint filler 20mm thick	l=450mm	m	649	0.00	944	0.00	85,732		
Road Works		PC-195921	Asphalt joint filler 20mm thick	Approach Slab	m2	1,443	0.00	944	0.00	189,362		
Concrete		PC-201100	Rebar Fabrication	D10 - D14	t	0	0.00	456,771	257.91	4,093,302		
Concrete		PC-201200	Rebar Fabrication	D16 - D25	t	0	0.00	383,279	257.91	4,019,810		
Concrete		PC-201300	Rebar Fabrication	D28 - D32	t	0	0.00	224,326	257.91	3,860,857		
Concrete		PC-201400	Rebar Fabrication with Truck Crane	H>4m, D10-D14	t	0	0.00	534,996	257.91	4,171,527		
Concrete		PC-201500	Rebar Fabrication with Truck Crane	H>4m, D16-D25	t	0	0.00	461,504	257.91	4,098,055		
Concrete		PC-201600	Rebar Fabrication with Truck Crane	H>4m, more than D29	t	0	0.00	302,551	257.91	3,939,082		
Concrete		PC-211100	Concrete Production Class - A	500kg/cm2	m3	565	0.00	422,652	5.06	567,791		
Concrete		PC-211200	Concrete Production Class - B	400kg/cm2	m3	565	0.00	388,768	3.44	511,065		
Concrete		PC-211250	Concrete Production Class - C	350kg/cm2	m3	565	0.00	372,246	2.63	483,122		
Concrete		PC-211300	Concrete Production Class - D	300kg/cm2	m3	565	0.00	355,059	1.82	454,514		
Concrete		PC-211400	Concrete Production Class - E	240kg/cm2	m3	565	0.00	334,674	0.83	420,128		
Concrete		PC-211500	Concrete Production Class - G	150kg/cm2	m3	565	0.00	304,668	0.00	378,419		
Concrete		PC-211700	Concrete Production Class	Mortar	m3	565	0.00	269,346	0.00	343,097		
Concrete		PC-211800	Concrete Production Class - H	High Performance Concrete	m3	11,275	0.00	422,652	0.00	1,894,652		
Concrete		PC-221100	Concrete Placing(Plain, RC Structure )	Pump(Less than 50m3/day)	m3	532	0.00	16,398	0.00	85,836	Concrete Pump 90-100m3/hr	
Concrete		PC-221110	Concrete Placing(Plain, RC Structure )	Pump(Less than 50m3/day)	m3	532	0.00	16,398	0.00	85,836	Concrete Pump 90-100m3/hr	
Concrete		PC-221120	Concrete Placing(Plain, RC Structure )	Pump(50-100m3/day)	m3	393	0.00	12,685	0.00	64,005	Concrete Pump 90-100m3/hr	
Concrete		PC-221130	Concrete Placing(Plain, RC Structure )	Pump(100-300m3/day)	m3	249	0.00	8,732	0.00	41,183	Concrete Pump 90-100m3/hr	
Concrete		PC-221140	Concrete Placing(Plain, RC Structure )	Pump(300-600m3/day)	m3	145	0.00	6,471	0.00	25,340	Concrete Pump 90-100m3/hr	

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Concrete	PC-221200	Concrete Placing ( Concrete Slab for Bridge )	Pump(Less than 30m3/day)	m3	642	0.00	17,502	0.00	101,286	Concrete Pump 90-100m3/hr	
Concrete	PC-221210	Concrete Placing ( Concrete Slab for Bridge )	Pump(Less than 30m3/day)	m3	642	0.00	17,502	0.00	101,286	Concrete Pump 90-100m3/hr	
Concrete	PC-221220	Concrete Placing ( Concrete Slab for Bridge )	Pump(50-100m3/day)	m3	445	0.00	13,207	0.00	71,319	Concrete Pump 90-100m3/hr	
Concrete	PC-221230	Concrete Placing ( Concrete Slab for Bridge )	Pump(100-300m3/day)	m3	364	0.00	9,894	0.00	57,443	Concrete Pump 90-100m3/hr	
Concrete	PC-221240	Concrete Placing ( Concrete Slab for Bridge )	Pump(300-600m3/day)	m3	364	0.00	8,678	0.00	56,238	Concrete Pump 90-100m3/hr	
Concrete	PC-222100	Concrete Placing(Plain, RC Structure )	Crane(Less than 30m3/day)	m3	0	0.00	80,558	0.00	80,558	Crane (Less than 30m3/day)	
Concrete	PC-222110	Concrete Placing(Plain, RC Structure )	Crane(more than 30m3/day)	m3	0	0.00	57,228	0.00	57,228	Crane (more than 30m3/day)	
Concrete	PC-223100	Concrete Placing(Plain, RC Structure )	Man Power	m3	0	0.00	23,392	0.00	23,392	Man Power	
Concrete	PC-223200	Concrete Placing ( Small Structure )	Man Power	m3	0	0.00	40,020	0.00	40,020	Man Power	
Concrete	PC-231100	Curing ( Plain Concrete Structure )	Normal	m3	0	0.00	2,229	0.00	2,229	Normal	
Concrete	PC-231200	Curing ( Reinforced Concrete Structure )	Normal	m3	0	0.00	1,158	0.00	1,158	Normal	
Concrete	PC-231300	Curing ( Small Structure )	Normal	m3	0	0.00	5,036	0.00	5,036	Normal	
Concrete	PC-241100	Form Work for Concrete	H<4m	m2	0	0.00	32,002	0.00	32,002	H<4m	
Concrete	PC-241200	Form Work for Concrete	4m<H<30m	m2	0	0.00	54,909	0.00	54,909	4m<H<30m	
Concrete	PC-241210	Form Work for Concrete	Small Structure I	m2	0	0.00	26,805	0.00	26,805	Small Structure I	
Concrete	PC-241220	Form Work for Concrete	Small Structure II	m2	0	0.00	29,205	0.00	29,205	Small Structure II	
Concrete	PC-241300	Form Work for Concrete	H<4m ( Circle )	m2	0	0.00	40,478	0.00	40,478	H<4m ( Circle )	
Concrete	PC-241400	Form Work for Concrete	4m<H<30m ( Circle )	m2	0	0.00	57,839	0.00	57,839	4m<H<30m ( Circle )	
Concrete	PC-241500	Form Work for Concrete	Level Concrete	m2	0	0.00	15,586	0.00	15,586	Level Concrete	
Concrete	PC-251100	Concrete Transportation	Truck Mixer (0.3km)	m3	159	0.00	4,685	0.00	25,443	Truck Mixer (0.3km)	
Concrete	PC-251500	Concrete Transportation	Truck Mixer (2.0km)	m3	300	0.00	8,849	0.00	48,016	Truck Mixer (2.0km)	
Concrete	PC-271110	Scaffolding ( Prefabricated Scaffold )	2m<H<4m	m2	0	0.00	12,276	0.00	12,276	2m<H<4m	
Concrete	PC-271120	Scaffolding ( Prefabricated Scaffold )	4m<H<30m	m2	0	0.00	23,500	0.00	23,500	4m<H<30m	
Concrete	PC-271130	Scaffolding ( Pipe Scaffold )	2m<H<4m	m2	0	0.00	15,312	0.00	15,312	2m<H<4m	
Concrete	PC-271140	Scaffolding ( Pipe Scaffold )	4m<H<30m	m2	0	0.00	26,841	0.00	26,841	4m<H<30m	
Concrete	PC-271150	Scaffolding ( Lean Pipe Scaffold )	2m<H<4m	m2	0	0.00	9,549	0.00	9,549	2m<H<4m	
Concrete	PC-271160	Scaffolding ( Lean Pipe Scaffold )	4m<H<30m	m2	0	0.00	21,139	0.00	21,139	4m<H<30m	
Concrete	PC-272110	Supporting ( Pipe Supports )	2m<H<4m, P<39.2kN	m3	0	0.00	15,717	0.00	15,717	2m<H<4m, P<39.2kN	
Concrete	PC-272120	Supporting ( Pipe Supports )	2m<H<4m, 39.2<P<58.8kN	m3	0	0.00	26,301	0.00	26,301	2m<H<4m, 39.2<P<58.8kN	

CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost		No.	Description	Specification	Unit	Unit Price			Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks
Category						Foreign Currency (JP Yen)							
Concrete		PC-272130	Supporting ( Prefabricated Supports )	4m<H<30m, P<39.2kN	m3	0	0.00	25,154	0.00	0.00	25,154		
Concrete		PC-272140	Supporting ( Prefabricated Supports )	4m<H<30m, 39.2<P<78.5kN	m3	0	0.00	46,382	0.00	0.00	46,382		
Box Culvert (Foundation)		PC-330000	Wood Pile	L=less than 3.0m	nos	0	0.00	34,919	0.00	0.00	34,919		
Box Culvert (Foundation)		PC-330010	Wood Pile	L=less than 5.0m	nos	0	0.00	58,272	0.00	0.00	58,272		
MinorBridge(Superstructure)		PC-410110	ReberFabrication of girder (PTI-girder)	(3-7 girders)	t	0	0.00	612,256	262.92	262.92	4,319,428	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410111	ReberFabrication of girder (PTI-girder)	D10-D14 (3-7 girders)	t	0	0.00	612,256	262.92	262.92	4,319,428	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410112	ReberFabrication of girder (PTI-girder)	D16-D25 (3-7 girders)	t	0	0.00	612,256	262.92	262.92	4,319,428	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410113	ReberFabrication of girder (PTI-girder)	D28-D32 (3-7 girders)	t	0	0.00	612,256	262.92	262.92	4,319,428	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410120	ReberFabrication of girder (PTI-girder)	(8-24 girders)	t	0	0.00	600,844	262.92	262.92	4,308,016	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410121	ReberFabrication of girder (PTI-girder)	D10-D14 (8-24 girders)	t	0	0.00	600,844	262.92	262.92	4,308,016	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410122	ReberFabrication of girder (PTI-girder)	D16-D25 (8-24 girders)	t	0	0.00	600,844	262.92	262.92	4,308,016	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410123	ReberFabrication of girder (PTI-girder)	D28-D32 (8-24 girders)	t	0	0.00	600,844	262.92	262.92	4,308,016	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410130	ReberFabrication of girder (PTI-girder)	(25-30 girders)	t	0	0.00	595,138	262.92	262.92	4,302,310	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410131	ReberFabrication of girder (PTI-girder)	D10-D14 (25-30 girders)	t	0	0.00	595,138	262.92	262.92	4,302,310	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410132	ReberFabrication of girder (PTI-girder)	D16-D25 (25-30 girders)	t	0	0.00	595,138	262.92	262.92	4,302,310	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410133	ReberFabrication of girder (PTI-girder)	D28-D32 (25-30 girders)	t	0	0.00	595,138	262.92	262.92	4,302,310	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410210	PC Cable Installation Work (PTI-girder)	1300kN type (3-7girders)	m	245	4.71	11,565	0.00	0.00	110,053	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410220	PC Cable Installation Work (PTI-girder)	2200kN type (3-7girders)	m	284	7.51	13,781	0.00	0.00	156,704	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410230	PC Cable Installation Work (PTI-girder)	3100kN type (3-7girders)	m	344	10.68	17,312	0.00	0.00	212,841	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410240	PC Cable Installation Work (PTI-girder)	1300kN type (8-24girders)	m	245	4.71	11,072	0.00	0.00	109,560	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410250	PC Cable Installation Work (PTI-girder)	2200kN type (8-24girders)	m	284	7.51	13,193	0.00	0.00	156,116	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410260	PC Cable Installation Work (PTI-girder)	3100kN type (8-24girders)	m	344	10.68	16,574	0.00	0.00	212,103	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410270	PC Cable Installation Work (PTI-girder)	1300kN type (25-30girders)	m	245	4.71	10,874	0.00	0.00	109,363	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410280	PC Cable Installation Work (PTI-girder)	2200kN type (25-30girders)	m	284	7.51	12,958	0.00	0.00	155,881	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410290	PC Cable Installation Work (PTI-girder)	3100kN type (25-30girders)	m	344	10.68	16,278	0.00	0.00	211,807	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410300	Concrete Work (PTI-girder)		m3	2,161	0.00	459,932	1.86	1.86	768,193	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410310	Concrete Work (PTI-girder)	(3-7 girders)	m3	2,161	0.00	463,958	1.86	1.86	772,219	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410320	Concrete Work (PTI-girder)	(8-24 girders)	m3	2,161	0.00	461,542	1.86	1.86	769,803	Production of Post Tension L-Other Segment	
MinorBridge(Superstructure)		PC-410330	Concrete Work (PTI-girder)	(25-30 girders)	m3	2,161	0.00	459,932	1.86	1.86	768,193	Production of Post Tension L-Other Segment	

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Category	No.	Description	Specification	Unit	Unit Price			Local Currency		Combined Total Price (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
MinerBridge(Superstructure)	PC-410410	Tensioning Work (PTI-girder)	(1300kN type)	Cable	20,640	0.00	115,727	0.00	2,810,393	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410420	Tensioning Work (PTI-girder)	(2200kN type)	Cable	31,200	0.00	122,308	0.00	4,195,643	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410430	Tensioning Work (PTI-girder)	(3100kN type)	Cable	21,040	269.41	140,047	0.00	6,685,617	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410500	Transverse Move to Stock Yard (PTI-girder)		nos	0	0.00	553,255	0.00	553,255	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410600	Depression of Equipment (Large Tra Va)	(Girder Production)	lot	3,452,777	0.00	3,445,098	7,473.83	559,605,320	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410610	Depression of Equipment (Small Tra Va)	(Girder Production)	lot	2,671,892	0.00	3,445,098	7,145.99	453,033,901	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410620	Depression of Equipment (Tra Oh)	(Girder Production)	lot	2,385,562	0.00	3,445,098	5,534.86	392,934,996	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410640	Depression of Equipment (Cai Tac 1)	(Girder Production)	lot	4,233,662	0.00	3,445,098	11,476.89	717,997,341	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410650	Depression of Equipment (Cai Tac 2)	(Girder Production)	lot	1,344,387	0.00	3,445,098	3,018.96	221,529,626	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410660	Depression of Equipment (Cai Da)	(Girder Production)	lot	2,671,892	0.00	3,445,098	7,145.99	453,033,901	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410670	Depression of Equipment (Ba Mang)	(Girder Production)	lot	1,344,387	0.00	3,445,098	1,755.04	203,708,354	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410680	Depression of Equipment (Cai Nai)	(Girder Production)	lot	2,671,892	0.00	3,445,098	7,145.99	453,033,901	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410690	Depression of Equipment (Ap My)	(Girder Production)	lot	4,233,662	0.00	3,445,098	11,476.89	717,997,341	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410700	Depression of Equipment (Cai Rang)	(Girder Production)	lot	2,671,892	0.00	3,445,098	7,145.99	453,033,901	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-410710	Depression of Equipment(NH9)B(RD)	(Girder Production)	lot	1,240,275	0.00	3,445,098	2,767.28	204,388,538	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-411000	Steel Mill Installation & Remove (PTI-girder)		m	726	0.00	249,631	0.43	350,558	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-411110	Trimming Work (PTI-girder)	(37m girder)	nos	0	0.00	95,449	0.00	95,449	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-411120	Trimming Work (PTI-girder)	(31m girder)	nos	0	0.00	80,378	0.00	80,378	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-411130	Trimming Work (PTI-girder)	(28m girder)	nos	0	0.00	72,843	0.00	72,843	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-411140	Trimming Work (PTI-girder)	(25m girder)	nos	0	0.00	65,307	0.00	65,307	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-411300	Gantry Crane Installation and Remove		nos	0	0.00	877,356	0.00	877,356	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-411400	Railing (Trailings) Installation and Remove	Production facility	m	0	0.00	102,259	0.00	102,259	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-412510	PTI-Girder Erection	(20m - 35m)	t	0	0.00	19,544	0.00	19,544	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-412520	PTI-Girder Erection	(35m - 45m)	t	0	0.00	15,633	0.00	15,633	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-412530	Erection Equipment Installation & Removal	(25m - 30m)	lot	0	0.00	31,806,838	0.00	31,806,838	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-412540	Erection Equipment Installation & Removal	(30m - 35m)	lot	0	0.00	39,960,661	0.00	39,960,661	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-412550	Erection Equipment Installation & Removal	(35m - 40m)	lot	0	0.00	45,294,672	0.00	45,294,672	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-412560	Erection Equipment Movement		lot	0	0.00	11,127,448	0.00	11,127,448	Production of Post Tensioning Cable Segment	
MinerBridge(Superstructure)	PC-412570	Railing Installation and Remove	(Erection facility)	m	0	0.00	18,909	0.00	18,909	Production of Post Tensioning Cable Segment	

Summary of Process Cost

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Summary of Process Cost

Category	No.	Description	Specification	Unit	Unit Price			Local Currency (VND)			Local Currency (US\$)	Combined Total Price (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
MinerBridge(Superstructure)		Depression of Equipment (Large Tra Va)	(Erection facility)	lot	24,908,476	0.00	0	0.00	0	0.00	3,251,939,915	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (Small Tra Va)	(Erection facility)	lot	0	0.00	0	0.00	0	0.00	0	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (Tra On)	(Erection facility)	lot	18,354,858	0.00	0	0.00	0	0.00	2,396,328,630	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (Cai Tac 1)	(Erection facility)	lot	28,795,282	0.00	0	0.00	0	0.00	3,759,384,006	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (Cai Tac 2)	(Erection facility)	lot	14,457,224	0.00	0	0.00	0	0.00	1,887,470,949	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (Ba Mang)	(Erection facility)	lot	21,118,609	0.00	0	0.00	0	0.00	2,757,151,727	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (Cai Nai)	(Erection facility)	lot	13,945,383	0.00	0	0.00	0	0.00	1,820,647,253	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (Cai Rang)	(Erection facility)	lot	21,118,609	0.00	0	0.00	0	0.00	2,757,151,727	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (Ap My)	(Erection facility)	lot	27,129,596	0.00	0	0.00	0	0.00	3,541,919,540	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (Cai Rang)	(Erection facility)	lot	21,867,697	0.00	0	0.00	0	0.00	2,854,949,321	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)		Depression of Equipment (NH91B )(RD)	(Erection facility)	lot	10,559,304	0.00	0	0.00	0	0.00	1,378,575,796	Division of Post Tension (Girder) Other	
MinerBridge(Superstructure)	PC-413100	Form Work of CrossBeam(PTI-girder)	Form Work	m2	0	0.00	47,626	0.00	47,626	0.00	47,626	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413200	RebarFabricWork of CrossBeam(PTI-girder)		l	0	0.00	476,841	265.42	476,841	265.42	4,219,263	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413201	RebarFabricWork of CrossBeam(PTI-girder)	(D10-D14)	l	0	0.00	476,841	265.42	476,841	265.42	4,219,263	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413202	RebarFabricWork of CrossBeam(PTI-girder)	(D16-D25)	l	0	0.00	476,841	265.42	476,841	265.42	4,219,263	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413203	RebarFabricWork of CrossBeam(PTI-girder)	(D28-D32)	l	0	0.00	476,841	265.42	476,841	265.42	4,219,263	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413300	Concrete Work of Cross Beam (PTI-girder)		m3	1,999	0.00	421,241	0.86	421,241	0.86	694,422	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413410	Transverse PC Cable Installation	(390kN, IS17.8)	m	125	1.35	6,443	0.00	6,443	0.00	41,784	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413420	Transverse PC Cable Installation	(450kN, IS19.3)	m	125	1.35	6,443	0.00	6,443	0.00	41,784	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413430	Transverse PC Cable Installation	(570kN, IS21.8)	m	133	1.35	6,443	0.00	6,443	0.00	42,733	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413510	Transverse Prestressing Work	(390kN, IS17.8)	cable	4,472	0.00	26,006	0.00	26,006	0.00	609,851	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413520	Transverse Prestressing Work	(450kN, IS19.3)	cable	5,048	0.00	26,006	0.00	26,006	0.00	685,051	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413530	Transverse Prestressing Work	(570kN, IS21.8)	cable	6,416	0.00	26,006	0.00	26,006	0.00	863,651	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413600	Scaffolding Work of Cross beam		m2	12	0.00	13,079	0.00	13,079	0.00	14,645	Cross Beam Work for PC girder	
MinerBridge(Superstructure)	PC-413700	Precast Panel Production	(l=80mm)	m2	59	0.00	127,343	34.19	127,343	34.19	617,171		
MinerBridge(Superstructure)	PC-413800	Precast Panel Installation		m2	59	0.00	182,252	34.19	182,252	34.19	672,034		
MinerBridge(Superstructure)	PC-414040	Bearing(Fix Side) Installation	600*300*57 (1.5*3)	nos	0	246.40	63,318	0.00	63,318	0.00	3,537,538		
MinerBridge(Superstructure)	PC-414050	Bearing(Fix Side) Installation	500*250*50 (1.3*3)	nos	0	171.20	63,318	0.00	63,318	0.00	2,477,238		
MinerBridge(Superstructure)	PC-414100	Bearing(Move Side) Installation			0	0.00	63,318	0.00	63,318	0.00	63,318		

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Category	No.	Description	Specification	Unit	Unit Price			Local Currency			Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	
MinerBridge(Superstructure)	PC-414140	Bearing(Move Side) Installation	600*300*57 (15*3)	nos	0	246.40	63,318	0.00	3,537,558		
MinerBridge(Superstructure)	PC-414150	Bearing(Move Side) Installation	500*250*50 (13*3)	nos	0	171.20	63,318	0.00	2,477,238		
MinerBridge(Superstructure)	PC-414200	Expansion Joint Installation	50mm	m	80,000	0.00	224,496	0.00	10,668,940		
MinerBridge(Superstructure)	PC-414210	Expansion Joint Installation	100mm	m	152,000	0.00	224,496	0.00	20,068,940		
MinerBridge(Superstructure)	PC-416100	Concrete Work (Hollow Slab)	(300kg/cm2)	m3	1,009	0.00	557,073	4.11	746,708		
MinerBridge(Superstructure)	PC-416110	Concrete Work (Hollow Slab)	(400kg/cm2)	m3	1,009	0.00	557,073	4.11	746,708		
MinerBridge(Superstructure)	PC-416120	Concrete Work (Hollow Slab)	(150kg/cm2)	m3	1,009	0.00	456,708	0.00	588,455		
MinerBridge(Superstructure)	PC-416130	Concrete Work (Hollow Slab)	(350kg/cm2)	m3	1,009	0.00	537,356	3.14	715,364		
MinerBridge(Superstructure)	PC-416200	Rebar fabrication Work (Hollow Slab)		t	0	0.00	595,564	286.46	4,634,678		
MinerBridge(Superstructure)	PC-416201	Rebar fabrication Work (Hollow Slab)	(D10-D14)	t	0	0.00	595,564	286.46	4,634,678		
MinerBridge(Superstructure)	PC-416202	Rebar fabrication Work (Hollow Slab)	(D16-D25)	t	0	0.00	595,564	286.46	4,634,678		
MinerBridge(Superstructure)	PC-416203	Rebar fabrication Work (Hollow Slab)	(D28-D32)	t	0	0.00	595,564	286.46	4,634,678		
MinerBridge(Superstructure)	PC-416300	Circle Form Work (Hollow Slab)	D1200	m	0	17.68	14,100	0.00	263,357		
MinerBridge(Superstructure)	PC-416310	Circle Form Work (Hollow Slab)	D900	m	0	9.94	14,100	0.00	154,296		
MinerBridge(Superstructure)	PC-416410	PC Cable Installation(Hollow Slab)	(1900kN type)	m	301	7.43	14,256	0.00	158,274		
MinerBridge(Superstructure)	PC-416420	PC Cable Installation(Hollow Slab)	(2200kN type)	m	301	7.88	15,478	0.00	165,941		
MinerBridge(Superstructure)	PC-416430	PC Cable Installation(Hollow Slab)	(2500kN type)	m	365	11.21	17,044	0.00	222,809		
MinerBridge(Superstructure)	PC-416510	Tension Work (Hollow Slab)	(1900kN)	nos	28,762	0.00	231,613	0.00	3,986,599		
MinerBridge(Superstructure)	PC-416520	Tension Work (Hollow Slab)	(2200kN)	nos	28,493	0.00	243,313	0.00	3,963,207		
MinerBridge(Superstructure)	PC-416530	Tension Work (Hollow Slab)	(2900kN)	nos	45,867	0.00	235,942	0.00	6,224,160		
MinerBridge(Superstructure)	PC-416600	Tension Jack Depression(Hollow Slab)	Transportation	lot	8,100	0.00	0	0.00	1,057,500		
MinerBridge(Superstructure)	PC-417110	Prefabricated Supporting Work(Hollow Slab)	19.6kN/m2<P<29.4kN/m2	m3	391	0.00	9,105	0.00	60,120	14.8kN/m2<P<29.4kN/m2, 6.0m*11.6m	
MinerBridge(Superstructure)	PC-417120	Prefabricated Supporting Work(Hollow Slab)	29.4kN/m2<P<39.2kN/m2	m3	600	0.00	10,604	0.00	88,950	24.8kN/m2<P<39.2kN/m2, 6.0m*11.6m	
MinerBridge(Superstructure)	PC-417130	Prefabricated Supporting Work(Hollow Slab)	39.2kN/m2<P<49.0kN/m2	m3	825	0.00	11,940	0.00	119,596	39.2kN/m2<P<49.0kN/m2, 6.0m*11.6m	
MinerBridge(Superstructure)	PC-417140	Prefabricated Supporting Work(Hollow Slab)	49.0kN/m2<P<58.8kN/m2	m3	935	0.00	13,433	0.00	135,502	49.0kN/m2<P<58.8kN/m2, 6.0m*11.6m	
MinerBridge(Superstructure)	PC-417150	Prefabricated Supporting Work(Hollow Slab)	58.8kN/m2<P<68.6kN/m2	m3	1,225	0.00	14,776	0.00	174,758	58.8kN/m2<P<68.6kN/m2, 6.0m*11.6m	
MinerBridge(Superstructure)	PC-417160	Prefabricated Supporting Work(Hollow Slab)	68.6kN/m2<P<78.5kN/m2	m3	1,355	0.00	16,106	0.00	192,983	68.6kN/m2<P<78.5kN/m2, 6.0m*11.6m	
MinerBridge(Superstructure)	PC-417310	Lay foundation Lay & Remove(Hollow Slab)	Steel Sheet Pile for	m2	1	0.00	21,761	0.00	21,931		
MinerBridge(Superstructure)	PC-417510	Frame Square Sets Supporting(Hollow Slab)	19.6kN/m2<P<29.4kN/m2	m3	615	0.00	31,547	0.00	111,839	14.8kN/m2<P<29.4kN/m2, 6.0m*11.6m	

Summary of Process Cost



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

CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost		No.	Description	Specification	Unit	Unit Price			Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks
Category	Foreign Currency (JP Yen)					Foreign Currency (US\$)	Local Currency (VND)					
Miner Bridge (Superstructure)		PC-417520	Frame Square Sets Supporting (Hollow Slab)	29.48N/m2<P<39.24N/m2	m3	660	0.00	36,312	0.00	122,427		
Miner Bridge (Superstructure)		PC-417530	Frame Square Sets Supporting (Hollow Slab)	39.24N/m2<P<49.08N/m2	m3	855	0.00	31,547	0.00	143,172		
Miner Bridge (Superstructure)		PC-417540	Frame Square Sets Supporting (Hollow Slab)	49.08N/m2<P<58.92N/m2	m3	1,025	0.00	31,547	0.00	165,366		
Miner Bridge (Superstructure)		PC-420010	Bearing Installation (Hollow Slab) (Move Side)	700*350*50(13*3)	nos	0	0.00	63,318	0.00	63,318		
Miner Bridge (Superstructure)		PC-420050	Bearing Installation (Hollow Slab) (Move Side)	700*350*52(20*2)	nos	0	336.00	63,318	0.00	4,800,918		
Miner Bridge (Superstructure)		PC-420060	Bearing Installation (Hollow Slab) (Move Side)	800*600*52(20*2)	nos	0	384.00	63,318	0.00	4,800,918		
Miner Bridge (Superstructure)		PC-420070	Bearing Installation (Hollow Slab) (Fix Side)	700*350*50(13*3)	nos	0	0.00	63,318	0.00	5,477,718		
Miner Bridge (Superstructure)		PC-420150	Bearing Installation (Hollow Slab) (Fix Side)	700*350*50(13*3)	nos	0	336.00	63,318	0.00	63,318		
Miner Bridge (Superstructure)		PC-420160	Bearing Installation (Hollow Slab) (Fix Side)	700*350*52(20*2)	nos	0	336.00	63,318	0.00	4,800,918		
Miner Bridge (Superstructure)		PC-420170	Bearing Installation (Hollow Slab) (Fix Side)	800*600*52(20*2)	nos	0	384.00	63,318	0.00	4,800,918		
Miner Bridge (Superstructure)		PC-420200	Expansion Joint Installation (Hollow Slab)	50mm	m	80,000	0.00	224,496	0.00	10,668,940		
Miner Bridge (Superstructure)		PC-420210	Expansion Joint Installation (Hollow Slab)	100mm	m	152,000	0.00	224,496	0.00	20,068,940		
Miner Bridge (Superstructure)		PC-431100	Supporting (PC Box Cantilever)	On Pierhead with Bracket	m3	580	0.00	79,380	0.00	155,050		
Miner Bridge (Superstructure)		PC-431200	Supporting (PC Box Cantilever)	Overhanging Slab Portion	m3	188	0.00	27,069	0.00	51,561		
Miner Bridge (Superstructure)		PC-431300	Supporting (PC Box Cantilever)	Inner Box Girder	m3	188	0.00	27,069	0.00	51,561		
Miner Bridge (Superstructure)		PC-431400	Bracket on Pier Head (PC Box Cantilever)		l	3,780	0.00	1,021,503	0.00	1,515,003		
Miner Bridge (Superstructure)		PC-431500	Hanging Supporting (PC Box Cantilever)	Connection Portion	l	2,883	0.00	1,317,188	0.00	1,693,580		
Miner Bridge (Superstructure)		PC-431600	Bearing Installation (Side Span) (PC Box Cantilever)		nos	0	0.00	402,012	0.00	402,012		
Miner Bridge (Superstructure)		PC-431630	Bearing Installation (Side Span) (PC Box Cantilever)	(660*560*125(20*5))	nos	0	992.00	402,012	0.00	14,389,212		
Miner Bridge (Superstructure)		PC-431650	Bearing Installation (on Pier) (PC Box Cantilever)		nos	44,940	0.00	1,527,380	0.00	7,594,547		
Miner Bridge (Superstructure)		PC-431680	Bearing Installation (on Pier) (PC Box Cantilever)	(1,500*1400*214(25*7))	nos	44,940	8,246.40	1,527,380	0.00	123,668,787		
Miner Bridge (Superstructure)		PC-431690	Bearing Installation (on Pier) (PC Box Cantilever)	(14,10*1410*214(25*7))	nos	44,940	7,806.40	1,527,380	0.00	117,464,787	Rubber	
Miner Bridge (Superstructure)		PC-431700	Form Traveler (PC Box Cantilever)	Assemble & Disassemble	lot	0	0.00	51,399,556	0.00	51,399,556		
Miner Bridge (Superstructure)		PC-431800	Form Traveler Installation (PC Box Cantilever)		lot	0	0.00	395,045	0.00	395,045		
Miner Bridge (Superstructure)		PC-431900	Form Traveler Climbing Work (PC Box Cantilever)		lot	0	0.00	1,211,028	0.00	1,211,028		
Miner Bridge (Superstructure)		PC-432000	Form Traveler Shift Back Work (PC Box Cantilever)		m	0	0.00	26,852	0.00	26,852		
Miner Bridge (Superstructure)		PC-432100	Form Work Fabrication, Installation & Removal		m2	0	0.00	66,421	0.00	66,421		
Miner Bridge (Superstructure)		PC-432110	Form Work Fabrication, Installation & Removal	Bottom & Outerside at Cantilever	m2	1,562	0.00	66,421	0.00	270,349		

CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost		PROJECT									
Category	No.	Description	Specification	Unit	Unit Price Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks	
MinerBridge(Superstructure)	PC-432200	Rebar Fabrication (PC Box Cantile)		1	0	0.00	766,171	262.92	4,473,343		
MinerBridge(Superstructure)	PC-432201	Rebar Fabrication (PC Box Cantile)	(D10-D14)	1	0	0.00	766,171	262.92	4,473,343		
MinerBridge(Superstructure)	PC-432202	Rebar Fabrication (PC Box Cantile)	(D16-D25)	1	0	0.00	766,171	262.92	4,473,343		
MinerBridge(Superstructure)	PC-432203	Rebar Fabrication (PC Box Cantile)	(D28-D32)	1	0	0.00	766,171	262.92	4,473,343		
MinerBridge(Superstructure)	PC-432300	Concrete Work (PC Box Cantile)	H<20m	m3	1,612	0.00	450,164	3.54	710,615		
MinerBridge(Superstructure)	PC-432810	Inner PC Cable Installation (PC Cantile)	(Longitudinal)(1900kN)	1	0	816.20	5,702,505	0.00	17,210,925	(1900kN, 12S12.4A)	
MinerBridge(Superstructure)	PC-432820	Inner PC Cable Installation (PC Cantile)	(Longitudinal)(2200kN)	1	0	816.20	5,702,505	0.00	17,210,925	(2200kN, 12S12.7B)	
MinerBridge(Superstructure)	PC-432830	External PC Cable Installation (PC Cantile)	(Longitudinal) (1900kN)	1	0	1,611.20	5,702,505	0.00	28,420,425	(1900kN, 12S12.4A)	
MinerBridge(Superstructure)	PC-432860	External PC Cable Installation (PC Cantile)	(Longitudinal) (2200kN)	1	0	2,014.00	5,702,505	0.00	34,099,905	(2200kN, 12S12.7B)	
MinerBridge(Superstructure)	PC-432910	PC Cable Installation (PC Box Cantile)	(Traverse)(570kN)	1	0	816.20	5,534,671	0.00	17,043,091	(570kN, 12S21.8)	
MinerBridge(Superstructure)	PC-432920	PC Cable Installation (PC Box Cantile)	(Traverse)(750kN)	1	0	816.20	5,534,671	0.00	17,043,091	(750kN, 12W7B)	
MinerBridge(Superstructure)	PC-433010	PC Cable Anchorage Installation(PC Cantile) k	(Fixed Side)(1900kN)	nos	17,760	0.00	39,950	0.00	2,358,616	(Fixed Side)(1900kN, 12S12.4A)	
MinerBridge(Superstructure)	PC-433020	PC Cable Anchorage Installation(PC Cantile) k	(Fixed Side)(2200kN)	nos	17,760	0.00	39,950	0.00	2,358,616	(Fixed Side)(2200kN, 12S12.7B)	
MinerBridge(Superstructure)	PC-433110	PC Cable Anchorage Installation(PC Cantile) k	(Fixed Side)(570kN)	nos	2,440	0.00	17,977	0.00	336,533	(Fixed Side)(570kN, 1S21.8)	
MinerBridge(Superstructure)	PC-433120	PC Cable Anchorage Installation(PC Cantile) k	(Fixed Side)(750kN)	nos	2,976	0.00	31,460	0.00	419,994	(Fixed Side)(750kN, 12W7B)	
MinerBridge(Superstructure)	PC-433210	PC Cable Tension Work (PC Cantile) k	(Tension Side)(1900kN)	nos	13,440	0.00	165,885	0.00	1,920,552	(Tension Side)(1900kN, 12S12.4A)	
MinerBridge(Superstructure)	PC-433220	PC Cable Tension Work (PC Cantile) k	(Tension Side)(2200kN)	nos	13,440	0.00	165,885	0.00	1,920,552	(Tension Side)(2200kN, 12S12.7B)	
MinerBridge(Superstructure)	PC-433310	PC Cable Tension Work (PC Cantile) k	(Tension Side)(570kN)	nos	3,032	0.00	62,857	0.00	458,701	(Tension Side)(570kN, 1S21.8)	
MinerBridge(Superstructure)	PC-433320	PC Cable Tension Work (PC Cantile) k	(Tension Side)(750kN)	nos	3,168	0.00	95,782	0.00	509,382	(Tension Side)(750kN, 12W7B)	
MinerBridge(Superstructure)	PC-433410	PC Cable Tension Work (PC Cantile) k	(1900kN)	nos	13,440	0.00	118,908	0.00	1,873,574	(1900kN, 12S12.4A)	
MinerBridge(Superstructure)	PC-433420	PC Cable Tension Work (PC Cantile) k	(2200kN)	nos	13,440	0.00	118,908	0.00	1,873,574	(2200kN, 12S12.7B)	
MinerBridge(Superstructure)	PC-433511	PrefabricatedSupportingWork(SideSpan)	19.6kN/m2<P<29.4kN/m2	m3	305	0.00	9,105	0.00	48,898	(Tension Side)(1900kN, 12S12.4A)	
MinerBridge(Superstructure)	PC-433512	PrefabricatedSupportingWork(SideSpan)	29.4kN/m2<P<39.2kN/m2	m3	430	0.00	10,604	0.00	66,769	(Tension Side)(2200kN, 12S12.7B)	
MinerBridge(Superstructure)	PC-433513	PrefabricatedSupportingWork(SideSpan)	39.2kN/m2<P<49.0kN/m2	m3	540	0.00	11,940	0.00	82,440	(Tension Side)(570kN, 1S21.8)	
MinerBridge(Superstructure)	PC-433514	PrefabricatedSupportingWork(SideSpan)	49.0kN/m2<P<58.8kN/m2	m3	590	0.00	13,433	0.00	90,435	(Tension Side)(750kN, 12W7B)	
MinerBridge(Superstructure)	PC-433515	PrefabricatedSupportingWork(SideSpan)	58.8kN/m2<P<68.6kN/m2	m3	710	0.00	14,776	0.00	107,444	(Tension Side)(1900kN, 12S12.4A)	
MinerBridge(Superstructure)	PC-433516	PrefabricatedSupportingWork(SideSpan)	68.6kN/m2<P<78.5kN/m2	m3	735	0.00	16,106	0.00	112,065	(Tension Side)(2200kN, 12S12.7B)	
MinerBridge(Superstructure)	PC-433517	Lay foundation Lay & Remove(SideSpan)	Steel Sheet Pile	m2	1	0.00	21,761	0.00	21,931		
MinerBridge(Superstructure)	PC-433521	FrameSquareSetsSupporting (SideSpan)	19.6kN/m2<P<29.4kN/m2	m3	244	0.00	10,859	0.00	42,740		



CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost		No.	Description	Specification	Unit	Unit Price				Local Currency (US\$)	Combined Total Price (VND)	Remarks
Category	Foreign Currency (JP Yen)					Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)				
Minor Bridge(Foundation)		PC-461350	Cast in Place Concrete Bored Pile	D1500mm, 79m	nos	504,045	0.00	79,499,579	2,706.01	183,375,634	Tra On Bridge a	
Minor Bridge		PC-490010	Drainage (Anchor Bolt Installation Work)		nos	0	0.00	5,640	0.00	5,640	Minor Bridge	
Minor Bridge		PC-490020	Drainage (Steel Pipe Installation Work)		m	0	0.00	5,078	0.00	5,078	Minor Bridge	
Minor Bridge		PC-490030	Drainage(VP Pipe InstallationWork)	(D100-D200mm)	m	1,336	0.00	4,932	0.00	179,354	Minor Bridge	
Minor Bridge		PC-490031	Drainage(VP Pipe InstallationWork)	(D165mm)	m	1,336	0.00	4,932	0.00	179,354	Minor Bridge	
Minor Bridge		PC-490032	Drainage(VP Pipe InstallationWork)	(D200mm)	m	2,004	0.00	4,932	0.00	266,565	Minor Bridge	
Minor Bridge		PC-490041	Drainage(Drainage Pit Installation Work)		nos	0	0.00	1,199,944	0.00	1,199,944	Minor Bridge	
Minor Bridge		PC-490210	Railing Installation		m	0	0.00	800,046	0.00	800,046	Minor Bridge	
Approach Bridge(Superstructure)		PC-511110	Rebar Fabrication (PTI-Girder)	(25-30 girders)	t	0	0.00	595,138	262.92	4,302,310		
Approach Bridge(Superstructure)		PC-511111	Rebar Fabrication (PTI-Girder)	(D10-D14)	t	0	0.00	595,138	262.92	4,302,310		
Approach Bridge(Superstructure)		PC-511112	Rebar Fabrication (PTI-Girder)	(D16-D25)	t	0	0.00	595,138	262.92	4,302,310		
Approach Bridge(Superstructure)		PC-511113	Rebar Fabrication (PTI-Girder)	(D28-D28)	t	0	0.00	595,138	262.92	4,302,310		
Approach Bridge(Superstructure)		PC-511122	Sheath Installation Work (PTI-girder)	(2200KN)(25-30girders)	m	284	0.00	12,958	0.00	50,025		
Approach Bridge(Superstructure)		PC-511130	Concrete Work (PTI-girder)	(25-30 girders)	m3	2,125	0.00	458,870	1.86	762,470		
Approach Bridge(Superstructure)		PC-511150	Transverse Move to Stock Yard (PTI-girder)		nos	0	0.00	553,255	0.00	553,255		
Approach Bridge(Superstructure)		PC-511161	EquipmentDepression(CT)(PTI-girder)	(Girder Production)	lot	15,087,963	0.00	3,445,098	32,403.84	2,430,156,634		
Approach Bridge(Superstructure)		PC-511162	EquipmentDepression(VL)(PTI-girder)	(Girder Production)	lot	5,977,633	0.00	3,445,098	12,714.17	963,128,092		
Approach Bridge(Superstructure)		PC-511170	Steel Mill Remove&Installation (PTI-girder)		m	653	0.00	247,466	0.43	338,823		
Approach Bridge(Superstructure)		PC-511180	Trimming Work (PTI-girder)	(40m girder)	nos	0	0.00	102,984	0.00	102,984		
Approach Bridge(Superstructure)		PC-511190	GantryCraneInstallation&Remove(PTIgirder)	(Girder Production)	nos	0	0.00	877,356	0.00	877,356		
Approach Bridge(Superstructure)		PC-511200	Railing Installation&Remove(PTIgirder)	(Girder Production)	m	0	0.00	102,259	0.00	102,259		
Approach Bridge(Superstructure)		PC-512110	Girder Erection (PTI-girder)	(40m)	t	0	0.00	11,746	0.00	11,746	Number of Post Tension L-Shape Elements Order	
Approach Bridge(Superstructure)		PC-512120	Erection Equipment Installation & Removal	(40m)(PTIgirder)	lot	0	0.00	88,173,758	0.00	88,173,758	Number of Post Tension L-Shape Elements Order	
Approach Bridge(Superstructure)		PC-512130	Erection Equipment Movement (PTI-girder)	(Girder Erection)	lot	0	0.00	13,909,310	0.00	13,909,310	Number of Post Tension L-Shape Elements Order	
Approach Bridge(Superstructure)		PC-512140	Railing Installation and Removal (PTI-girder)	(Girder Erection)	m	0	0.00	18,909	0.00	18,909	Number of Post Tension L-Shape Elements Order	
Approach Bridge(Superstructure)		PC-512151	EquipmentDepression(Can Tho Side)	Erection (PTI-girder)	lot	6,398,424	0.00	0	24,624.84	1,182,560,023	Number of Post Tension L-Shape Elements Order	
Approach Bridge(Superstructure)		PC-512152	EquipmentDepression(Cu Lao Lac)	Erection (PTI-girder)	lot	38,825,821	0.00	0	120,369.35	6,766,134,459	Number of Post Tension L-Shape Elements Order	
Approach Bridge(Superstructure)		PC-512153	EquipmentDepression(Vinh Long Side)	Erection (PTI-girder)	lot	24,914,600	0.00	0	88,454.51	4,499,947,934	Number of Post Tension L-Shape Elements Order	
Approach Bridge(Superstructure)		PC-513110	Erection Works of Girder (PTI-girder)	(Stationary Gantry Crane)	t	0	0.00	14,586	0.00	14,586	Number of Post Tension L-Shape Elements Order	

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CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost

Category	No.	Description	Specification	Unit	Unit Price	Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks
ApproachBridge(Superstructure)	PC-513120	EquipmentInstallation&Removal(PTI-girder)	(Stationary Gantry Crane)	set		0	0.00	78,518,483	0.00	78,518,483	Number of the Teams (Other Quantity) Other Cost
ApproachBridge(Superstructure)	PC-513130	StationaryGantryCraneMove(PTI-girder)	(Stationary Gantry Crane)	set		0	0.00	78,518,483	0.00	78,518,483	Number of the Teams (Other Quantity) Other Cost
ApproachBridge(Superstructure)	PC-513140	Railing Installation&Removal(PTI-girder)	(Stationary Gantry Crane)	m		0	0.00	18,909	0.00	18,909	Number of the Teams (Other Quantity) Other Cost
ApproachBridge(Superstructure)	PC-513150	GantryCraneFoundation(PTI-girder)	(Stationary Gantry Crane)	nos		0	0.00	0	0.00	0	Number of the Teams (Other Quantity) Other Cost
ApproachBridge(Superstructure)	PC-513160	EquipmentDepression(CuLaoLac)(PTI-girder)	(Stationary Gantry Crane)	lot	9,099,601		0.00	0	61,449,90	#VALUE!	Number of the Teams (Other Quantity) Other Cost
ApproachBridge(Superstructure)	PC-513170	Anchor Works (PTI-girder)	(Stationary Gantry Crane)	nos	74		0.00	1,296	0.00	10,892	Number of the Teams (Other Quantity) Other Cost
ApproachBridge(Superstructure)	PC-513210	StationaryGantryCraneDepression	(Erection girder erection)	lot	46,220,572		0.00	0	315,625,89	10,484,677,457	Number of the Teams (Other Quantity) Other Cost
ApproachBridge(Superstructure)	PC-514110	SegmentTransportation (PTI-girder)	(Segment fabrication)	nos		0	0.00	195,028	0.00	195,028	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514111	Segment Transportation (PTI-girder)	(Including Barges)	nos		0	0.00	265,492	0.00	265,492	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514112	BargeDepression(CuLaoLac)(PTI-girder)	(Transportation)	lot		0	0.00	0	0.00	0	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514120	Segment Fabrication Work		nos		0	0.00	875,416	22.70	1,195,486	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514131	PCableInstallation&GROUTWork(PTI-girder)	(1300KN type)	m	367		4.71	5,557	0.00	119,904	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514132	PCableInstallation&GROUTWork(PTI-girder)	(2200KN type)	m	472		7.51	6,738	0.00	174,182	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514133	PCableInstallation&GROUTWork(PTI-girder)	(3100KN type)	m	612		10.68	6,738	0.00	237,161	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514141	Tension Work(PTI-girder)	(1300KN type)	cable	20,640		0.00	84,556	0.00	2,779,272	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514142	Tension Work(PTI-girder)	(2200KN type)	cable	31,200		0.00	94,623	0.00	4,167,956	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514143	Tension Work(PTI-girder)	(3100KN type)	cable	21,040		269.41	113,823	0.00	6,659,592	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514150	Concrete Work for Edge of girder (PTI-girder)		nos		0	0.00	90,118	0.00	90,118	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514161	EquipmentDepression(CanThoSida)	Segment Fabric(PTI-girder)	lot	1,673,278		0.00	37,399,608	0.00	255,855,347	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514162	EquipmentDepression(Cu Lao Lai)	Segment Fabric(PTI-girder)	lot	14,156,640		0.00	317,896,668	0.00	2,166,124,668	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-514163	EquipmentDepression(Vinh Long Sida)	Segment Fabric(PTI-girder)	lot	9,995,513		0.00	224,397,648	0.00	1,529,367,401	Precast Segment Girder Fabrication Work
ApproachBridge(Superstructure)	PC-515110	Form Work of Cross Beam (PTI-girder)		m2		0	0.00	47,626	0.00	47,626	Cross Beam Work for PC girder
ApproachBridge(Superstructure)	PC-515120	Rebar Fabrication of Cross Beam (PTI-girder)	(D10-D14)	t		0	0.00	476,841	265.42	4,219,263	Cross Beam Work for PC girder
ApproachBridge(Superstructure)	PC-515121	Rebar Fabrication of Cross Beam (PTI-girder)	(D16-D25)	t		0	0.00	476,841	265.42	4,219,263	Cross Beam Work for PC girder
ApproachBridge(Superstructure)	PC-515122	Rebar Fabrication of Cross Beam (PTI-girder)	(D28-D32)	t		0	0.00	476,841	265.42	4,219,263	Cross Beam Work for PC girder
ApproachBridge(Superstructure)	PC-515130	Concrete Work of Cross Beam (PTI-girder)		m3	1,998		0.00	421,241	0.86	694,422	Cross Beam Work for PC girder
ApproachBridge(Superstructure)	PC-515141	Transverse PC Cable Installation (PTI-girder)	(590KN, IS17.8)	m	125		1.35	6,443	0.00	41,784	Cross Beam Work for PC girder
ApproachBridge(Superstructure)	PC-515142	Transverse PC Cable Installation (PTI-girder)	(450KN, IS19.3)	m	125		1.35	6,443	0.00	41,784	Cross Beam Work for PC girder

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Category	No.	Description	Specification	Unit	Unit Price			Local Currency			Combined Total Price (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Foreign Currency (US\$)	Local Currency (VND)			
ApproachBridge(Superstructure)	PC-515143	Transverse PC Cable Installation (PTI-girder)	(570KN, 1S21.8)	m	133	1.35	6,443	0.00	0.00	42,753	Cross Beam Work for PC girder	
ApproachBridge(Superstructure)	PC-515151	Transverse Prestressing Work (PTI-girder)	(390KN, 1S17.8)	cable	4,472	0.00	26,006	0.00	0.00	609,851	Cross Beam Work for PC girder	
ApproachBridge(Superstructure)	PC-515152	Transverse Prestressing Work (PTI-girder)	(450KN, 1S19.3)	cable	5,048	0.00	26,006	0.00	0.00	685,051	Cross Beam Work for PC girder	
ApproachBridge(Superstructure)	PC-515153	Transverse Prestressing Work (PTI-girder)	(570KN, 1S21.8)	cable	5,048	0.00	26,006	0.00	0.00	685,051	Cross Beam Work for PC girder	
ApproachBridge(Superstructure)	PC-515160	Scaffolding Work (PTI-girder)		m2	12	0.00	13,079	0.00	0.00	14,645	Cross Beam Work for PC girder	
ApproachBridge(Superstructure)	PC-515310	Precast Panel Production (PTI-girder)	(t=80mm)	m2	59	0.00	127,343	34.19	0.00	617,171		
ApproachBridge(Superstructure)	PC-515320	Precast Panel Installation (PTI-girder)		m2	59	0.00	182,252	34.19	0.00	672,024		
ApproachBridge(Superstructure)	PC-516110	Bearing Installation (Fix Side)(PTI-girder)		nos	0	0.00	63,318	0.00	0.00	63,318		
ApproachBridge(Superstructure)	PC-516111	Bearing Installation (Fix Side)(PTI-girder)	(460*460*120)	nos	131,192	0.00	63,318	0.00	0.00	17,191,163		
ApproachBridge(Superstructure)	PC-516112	Bearing Installation (Fix Side)(PTI-girder)	650*550 (210-70-135)	nos	108,222	0.00	63,318	0.00	0.00	14,192,302		
ApproachBridge(Superstructure)	PC-516113	Bearing Installation (Fix Side)(PTI-girder)	650*550 (220-55-135)	nos	108,222	0.00	63,318	0.00	0.00	14,192,302		
ApproachBridge(Superstructure)	PC-516120	Bearing Installation (Move Side)(PTI-girder)		nos	0	0.00	56,227	0.00	0.00	56,227		
ApproachBridge(Superstructure)	PC-516121	Bearing Installation (Move Side)(PTI-girder)	(460*460*120)	nos	131,192	0.00	56,227	0.00	0.00	17,184,071		
ApproachBridge(Superstructure)	PC-516122	Bearing Installation (Move Side)(PTI-girder)	600*400(170-105-125-26)	nos	72,739	0.00	56,227	0.00	0.00	9,552,707		
ApproachBridge(Superstructure)	PC-516123	Bearing Installation (Move Side)(PTI-girder)	600*500(170-105-125-52)	nos	90,880	0.00	56,227	0.00	0.00	11,921,115		
ApproachBridge(Superstructure)	PC-516124	Bearing Installation (Move Side)(PTI-girder)	650*550(210-70-135-26)	nos	108,222	0.00	56,227	0.00	0.00	14,185,210		
ApproachBridge(Superstructure)	PC-516130	Expansion Joint Installation (PTI-girder)	50mm	m	80,000	0.00	224,496	0.00	0.00	10,668,940		
ApproachBridge(Superstructure)	PC-516140	Expansion Joint Installation (PTI-girder)	100mm	m	152,000	0.00	224,496	0.00	0.00	20,068,940		
ApproachBridge(Superstructure)	PC-521110	Supporting(PC Box Cant)	On Pierhead with Bracket	m3	897	0.00	79,380	0.00	0.00	196,489	PC Cantilever Erection	
ApproachBridge(Superstructure)	PC-521120	Supporting(PC Box Cant)	Overhanging Slab Portion	m3	291	0.00	27,069	0.00	0.00	65,087		
ApproachBridge(Superstructure)	PC-521130	Supporting(PC Box Cant)	Inner Box Girder	m3	291	0.00	27,069	0.00	0.00	65,087		
ApproachBridge(Superstructure)	PC-521140	Bracket on Pier Head (PC Box Cant)		1	4,635	0.00	1,021,503	0.00	0.00	1,626,628		
ApproachBridge(Superstructure)	PC-521150	Hanging Supporting (PC Box Cant)	Connection Portion	1	4,185	0.00	1,317,188	0.00	0.00	1,863,563		
ApproachBridge(Superstructure)	PC-521153	Temporary Bearing Work (PC Box Cant)		m3	53,928	0.00	682,579	0.00	0.00	7,723,179		
ApproachBridge(Superstructure)	PC-521154	Temporary Fix Work (Vertical Bar)(PC Cant)	D32	1	247,442	0.00	2,946,047	0.00	0.00	35,250,922	D32(1B32A,1B32B)	
ApproachBridge(Superstructure)	PC-521155	Temporary Fix (PC BarConnection)(PC Cant)	D32	nos	2,727	0.00	22,193	0.00	0.00	378,265	D32(1B32A,1B32B)	
ApproachBridge(Superstructure)	PC-521156	Temporary Fix (PC Bar Anchorage)(PC Cant)	D32	nos	2,544	0.00	15,171	0.00	0.00	347,305	D32(1B32A,1B32B)	
ApproachBridge(Superstructure)	PC-521157	Temporary Fix (Tension Work)(PC Cant)	D32	nos	4,733	0.00	68,420	0.00	0.00	686,345	D32(1B32A,1B32B)	
ApproachBridge(Superstructure)	PC-521160	Bearing Installation at Side Span (PC Cant)		nos	12,840	0.00	343,455	0.00	0.00	2,019,788		

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Summary of Process Cost		No.	Description	Specification	Unit	Unit Price			Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks
Category	Foreign Currency (JP Yen)					Foreign Currency (US\$)	Local Currency (US\$)					
ApproachBridge(Superstructure)		PC-521162	Bearing Installation at Side Span (PC Cantilever)	(720*720*130)	nos	207,989	0.00	343,455	0.00	27,497,574		
ApproachBridge(Superstructure)		PC-521165	Bearing Installation on Pier (PC Cantilever)		nos	44,940	0.00	1,527,380	0.00	7,394,547		
ApproachBridge(Superstructure)		PC-521167	Bearing Installation on Pier (PC Cantilever)	(1620*1620*265)	nos	1,966,512	0.00	1,527,380	0.00	258,266,447		
ApproachBridge(Superstructure)		PC-521170	Form Traveler Assembly & Disassembly	(PC Cantilever)	lot	0	0.00	96,035,601	0.00	96,035,601		
ApproachBridge(Superstructure)		PC-521180	Form Traveler Installation (PC Cantilever)		lot	0	0.00	767,759	0.00	767,759		
ApproachBridge(Superstructure)		PC-521190	Form Traveler Climbing Work (PC Cantilever)		lot	0	0.00	1,563,832	0.00	1,563,832		
ApproachBridge(Superstructure)		PC-521200	Form Traveler Shift Back Work (PC Cantilever)		m	0	0.00	36,889	0.00	36,889		
ApproachBridge(Superstructure)		PC-521210	Form Work Fabrication, Installation & Removal		m2	0	0.00	66,421	0.00	66,421		
ApproachBridge(Superstructure)		PC-521212	Form Work Fabrication, Installation & Removal	Bottom & Outer Side (Cantilever)	m2	1,562	0.00	66,421	0.00	270,349		
ApproachBridge(Superstructure)		PC-521220	Rebar Fabrication (PC Cantilever)		t	0	0.00	766,171	262.92	4,473,343		
ApproachBridge(Superstructure)		PC-521221	Rebar Fabrication (PC Cantilever)	(D10-D14)	t	0	0.00	766,171	262.92	4,473,343		
ApproachBridge(Superstructure)		PC-521222	Rebar Fabrication (PC Cantilever)	(D16-D25)	t	0	0.00	766,171	262.92	4,473,343		
ApproachBridge(Superstructure)		PC-521223	Rebar Fabrication (PC Cantilever)	(D28-D32)	t	0	0.00	766,171	262.92	4,473,343		
ApproachBridge(Superstructure)		PC-521230	Concrete Work (PC Cantilever)	H<20mm	m3	1,612	0.00	450,164	3.54	710,615		
ApproachBridge(Superstructure)		PC-521240	PC Bar Installation (PC Cantilever)	(D26)	t	193,000	0.00	3,529,163	0.00	28,726,386	(D26, 1B26A, 1B26B)	
ApproachBridge(Superstructure)		PC-521250	PC Bar Installation (PC Cantilever)	(D32)	t	193,000	0.00	3,194,327	0.00	28,391,558	(D32, 1B32A, 1B32B)	
ApproachBridge(Superstructure)		PC-521260	PC Bar Connection Work (PC Cantilever)	(D32)	nos	1,392	0.00	28,283	0.00	210,016	(D32, 1B32A, 1B32B)	
ApproachBridge(Superstructure)		PC-521270	PC Bar Anchorage Installation (PC Cantilever)	(Fixed Side)(D26)	nos	1,552	0.00	16,551	0.00	219,173	(Fixed Side)(D26, 1B26A, 1B26B)	
ApproachBridge(Superstructure)		PC-521280	PC Bar Anchorage Installation (PC Cantilever)	(Fixed Side)(D32)	nos	2,544	0.00	15,171	0.00	347,305	(Fixed Side)(D32, 1B32A, 1B32B)	
ApproachBridge(Superstructure)		PC-521290	PC Bar Tension Work (PC Cantilever)	(D26)	nos	1,176	0.00	63,054	0.00	216,588		
ApproachBridge(Superstructure)		PC-521300	PC Bar Tension Work (PC Cantilever)	(D32)	nos	2,088	0.00	80,483	0.00	353,083		
ApproachBridge(Superstructure)		PC-521311	Longitudinal PC Cable Installation	(Inner)(1900kN)(Cantilever)	t	0	816.20	5,702,505	0.00	17,210,925	(1900kN, 12S12.4A)	
ApproachBridge(Superstructure)		PC-521312	Longitudinal PC Cable Installation	(Inner)(2200kN)(Cantilever)	t	0	816.20	5,702,505	0.00	17,210,925	(2200kN, 12S12.7B)	
ApproachBridge(Superstructure)		PC-521321	Longitudinal PC Cable Installation	External(1900kN)(Cantilever)	t	0	1,611.20	5,702,505	0.00	28,420,425	(External)(1900kN, 12S12.4A)	
ApproachBridge(Superstructure)		PC-521322	Longitudinal PC Cable Installation	(External)(2200kN)(Cantilever)	t	0	2,014.00	5,702,505	0.00	34,099,905	(External)(2200kN, 12S12.7B)	
ApproachBridge(Superstructure)		PC-521331	PC Cable Anchorage Installation (PC Cantilever) k	(Fixed Side)(570kN)	nos	2,440	0.00	17,977	0.00	336,533	(Fixed Side)(570kN, 12S1.8)	
ApproachBridge(Superstructure)		PC-521332	PC Cable Anchorage Installation (PC Cantilever) k	(Fixed Side)(750kN)	nos	2,976	0.00	31,460	0.00	419,994	(Fixed Side)(750kN, 12W7B)	
ApproachBridge(Superstructure)		PC-521341	Transverse PC Cable Installation (PC Cantilever)	(570kN)	t	0	816.20	5,534,671	0.00	17,043,091	(570kN, 12S21.8)	
ApproachBridge(Superstructure)		PC-521342	Transverse PC Cable Installation (PC Cantilever)	(750kN)	t	0	816.20	5,534,671	0.00	17,043,091	(750kN, 12W7B)	

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					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (US\$)				
Approach Bridge (Superstructure)	PC-521350	Tension Work (PC Canti)	(1900kN)	nos	13,440	0.00	118,908	0.00	1,873,574	(1900kN, 12S12.4A)	
Approach Bridge (Superstructure)	PC-521360	Tension Work (PC Canti)	(2200kN)	nos	13,440	0.00	118,908	0.00	1,873,574	(2200kN, 12S12.7B)	
Approach Bridge (Superstructure)	PC-521370	Tension Work (PC Canti)	(570kN)	nos	3,032	0.00	62,857	0.00	458,701	(570kN, 1S21.8)	
Approach Bridge (Superstructure)	PC-521380	Tension Work (PC Canti)	(750kN)	nos	3,168	0.00	95,782	0.00	509,382	(750kN, 12W7B)	
Approach Bridge (Superstructure)	PC-521411	Prefabricated Supporting Work (SideSpan)	19.6kN/m2 <P < 29.4kN/m2	m3	305	0.00	9,105	0.00	48,898	(19.6kN/m2, 12S12.4A)	
Approach Bridge (Superstructure)	PC-521412	Prefabricated Supporting Work (SideSpan)	29.4kN/m2 <P < 39.2kN/m2	m3	430	0.00	10,604	0.00	66,769	(29.4kN/m2, 12S12.7B)	
Approach Bridge (Superstructure)	PC-521413	Prefabricated Supporting Work (SideSpan)	39.2kN/m2 <P < 49.0kN/m2	m3	540	0.00	11,940	0.00	82,440	(39.2kN/m2, 12S12.7B)	
Approach Bridge (Superstructure)	PC-521414	Prefabricated Supporting Work (SideSpan)	49.0kN/m2 <P < 58.8kN/m2	m3	590	0.00	13,433	0.00	90,435	(49.0kN/m2, 12S12.7B)	
Approach Bridge (Superstructure)	PC-521415	Prefabricated Supporting Work (SideSpan)	58.8kN/m2 <P < 68.6kN/m2	m3	710	0.00	14,776	0.00	107,444	(58.8kN/m2, 12S12.7B)	
Approach Bridge (Superstructure)	PC-521416	Prefabricated Supporting Work (SideSpan)	68.6kN/m2 <P < 78.5kN/m2	m3	735	0.00	16,106	0.00	112,065	(68.6kN/m2, 12S12.7B)	
Approach Bridge (Superstructure)	PC-521417	Lay foundation Lay & Removal (SideSpan)	Steel Sheet Pile	m2	1	0.00	21,761	0.00	21,931	(Lay & Removal of Steel Sheet Pile for foundation)	
Approach Bridge (Superstructure)	PC-521421	FrameSquareSetsSupporting (SideSpan)	19.6kN/m2 <P < 29.4kN/m2	m3	244	0.00	10,859	0.00	42,740	(19.6kN/m2, 12S12.4A)	
Approach Bridge (Superstructure)	PC-521422	FrameSquareSetsSupporting (SideSpan)	29.4kN/m2 <P < 39.2kN/m2	m3	340	0.00	12,539	0.00	56,876	(29.4kN/m2, 12S12.7B)	
Approach Bridge (Superstructure)	PC-521423	FrameSquareSetsSupporting (SideSpan)	39.2kN/m2 <P < 49.0kN/m2	m3	340	0.00	14,404	0.00	58,740	(39.2kN/m2, 12S12.7B)	
Approach Bridge (Superstructure)	PC-521424	FrameSquareSetsSupporting (SideSpan)	49.0kN/m2 <P < 58.8kN/m2	m3	434	0.00	15,634	0.00	72,269	(49.0kN/m2, 12S12.7B)	
Approach Bridge (Superstructure)	PC-521471	EquipmentDepression(Small Hau Giang)		lot	159,708,383	0.00	634,513,995	0.00	21,485,330,729	(Lot A, Removal of Steel Sheet Pile for foundation)	
Approach Bridge (Superstructure)	PC-521510	Expansion Joint Installation (PC Canti)	50mm	m	80,000	0.00	224,496	0.00	10,668,940	(Expansion Joint Installation, Form Work for Pile Cap)	
Approach Bridge (Superstructure)	PC-521520	Expansion Joint Installation (PC Canti)	100mm	m	152,000	0.00	224,496	0.00	20,068,940	(Expansion Joint Installation, Form Work for Pile Cap)	
Approach Bridge (Substructure)	PC-541110	Precast Concrete Formwork Production	(=15cm)	m2	192	0.00	108,737	4.47	196,886	(Form Work for Pile Cap)	
Approach Bridge (Substructure)	PC-541111	Precast Concrete Formwork Production	(=15cm) (Circle)	m2	192	0.00	128,563	4.47	216,712	(Form Work for Pile Cap)	
Approach Bridge (Substructure)	PC-541120	Precast Concrete Formwork Installation	(Circle)	m2	192	0.00	163,646	0.00	188,713	(Form Work for Pile Cap)	
Approach Bridge (Foundation)	PC-551111	Cast in Place Concrete Bored Pile	D1500mm, 57m, (70)	nos.	493,212	0.00	65,908,126	2,188.00	161,150,486		
Approach Bridge (Foundation)	PC-551112	Cast in Place Concrete Bored Pile	D1500mm, 57m, (80)	nos.	493,212	0.00	66,226,491	2,472.00	165,473,245		
Approach Bridge (Foundation)	PC-551120	Cast in Place Concrete Bored Pile	D1500mm, 61m, (80)	nos.	505,392	0.00	69,516,757	2,645.67	172,802,424		
Approach Bridge (Foundation)	PC-551130	Cast in Place Concrete Bored Pile	D1500mm, 63m, (80)	nos.	511,483	0.00	71,161,891	2,732.50	176,467,075		
Approach Bridge (Foundation)	PC-551141	Cast in Place Concrete Bored Pile	D1500mm, 64m, (70)	nos.	514,528	0.00	71,627,413	2,457.41	173,451,370		
Approach Bridge (Foundation)	PC-551142	Cast in Place Concrete Bored Pile	D1500mm, 64m, (80)	nos.	514,528	0.00	71,984,458	2,775.92	178,289,406		
Approach Bridge (Foundation)	PC-551150	Cast in Place Concrete Bored Pile	D1500mm, 65m, (70)	nos.	517,574	0.00	72,444,028	2,495.52	175,203,008		

Summary of Process Cost



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CAN THO BRIDGE CONSTRUCTION PROJECT

Category	No.	Description	Specification	Unit	Unit Price			Local Currency (VND)		Combined Total Price (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
ApproachBridge(Foundation)	PC-551161	Cast in Place Concrete Bored Pile	D1500mm, 68m, (70)	nos.	526,709	0.00	74,896,852	2,612.50	180,497,875		
ApproachBridge(Foundation)	PC-551162	Cast in Place Concrete Bored Pile	D1500mm, 68m, (80)	nos.	526,709	0.00	75,274,724	2,949.58	185,628,575		
ApproachBridge(Foundation)	PC-551170	Cast in Place Concrete Bored Pile	D1500mm, 69m, (70)	nos.	529,754	0.00	75,713,467	2,650.61	182,249,383		
ApproachBridge(Foundation)	PC-551180	Cast in Place Concrete Bored Pile	D1500mm, 70m, (70)	nos.	532,784	0.00	76,526,155	2,688.70	183,994,723		
ApproachBridge(Foundation)	PC-551190	Cast in Place Concrete Bored Pile	D1500mm, 71m, (70)	nos.	535,830	0.00	77,342,770	2,726.81	185,746,361		
ApproachBridge(Foundation)	PC-551200	Cast in Place Concrete Bored Pile	D1500mm, 72m, (80)	nos.	538,876	0.00	78,561,062	3,123.23	192,951,848		
ApproachBridge(Foundation)	PC-551211	Cast in Place Concrete Bored Pile	D1500mm, 73m, (70)	nos.	541,920	0.00	78,976,001	2,803.02	189,249,237		
ApproachBridge(Foundation)	PC-551212	Cast in Place Concrete Bored Pile	D1500mm, 73m, (80)	nos.	541,920	0.00	79,383,627	3,166.64	194,783,905		
ApproachBridge(Foundation)	PC-551221	Cast in Place Concrete Bored Pile	D1500mm, 75m, (70)	nos.	548,011	0.00	80,609,234	2,879.24	192,752,386		
ApproachBridge(Foundation)	PC-551222	Cast in Place Concrete Bored Pile	D1500mm, 75m, (80)	nos.	548,011	0.00	81,028,761	3,253.48	198,448,697		
ApproachBridge(Foundation)	PC-552010	Cast in Place Concrete Bored Pile	L=80m, D=2000mm A	nos.	752,642	0.00	137,885,776	7,583.10	343,069,067		
ApproachBridge(Foundation)	PC-552020	Cast in Place Concrete Bored Pile	L=70m, D=2000mm A	nos.	698,520	0.00	123,068,932	6,635.21	307,821,047		
ApproachBridge(Foundation)	PC-553111	Cast in Place Concrete Bored Pile (P)	D1500mm, 57m, (70)	nos.	493,212	8,811.00	65,908,126	2,188.00	285,385,580	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553112	Cast in Place Concrete Bored Pile (P)	D1500mm, 57m, (80)	nos.	493,212	8,811.00	66,226,491	2,472.00	289,708,345	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553120	Cast in Place Concrete Bored Pile (P)	D1500mm, 61m, (80)	nos.	505,392	8,811.00	69,516,757	2,645.67	297,037,524	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553130	Cast in Place Concrete Bored Pile (P)	D1500mm, 63m, (80)	nos.	511,483	8,811.00	71,161,891	2,732.50	300,702,175	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553141	Cast in Place Concrete Bored Pile (P)	D1500mm, 64m, (70)	nos.	514,528	8,811.00	71,627,413	2,457.41	297,686,470	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553142	Cast in Place Concrete Bored Pile (P)	D1500mm, 64m, (80)	nos.	514,528	8,811.00	71,984,458	2,775.92	302,534,506	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553150	Cast in Place Concrete Bored Pile (P)	D1500mm, 65m, (70)	nos.	517,574	8,811.00	72,444,028	2,495.52	299,438,108	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553161	Cast in Place Concrete Bored Pile (P)	D1500mm, 68m, (70)	nos.	526,709	8,811.00	74,896,852	2,612.50	304,732,975	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553162	Cast in Place Concrete Bored Pile (P)	D1500mm, 68m, (80)	nos.	526,709	8,811.00	75,274,724	2,949.58	309,863,675	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553170	Cast in Place Concrete Bored Pile (P)	D1500mm, 69m, (70)	nos.	529,754	8,811.00	75,713,467	2,650.61	306,484,483	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553180	Cast in Place Concrete Bored Pile (P)	D1500mm, 70m, (70)	nos.	532,784	8,811.00	76,526,155	2,688.70	308,229,823	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553190	Cast in Place Concrete Bored Pile (P)	D1500mm, 71m, (70)	nos.	535,830	8,811.00	77,342,770	2,726.81	309,981,461	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553200	Cast in Place Concrete Bored Pile (P)	D1500mm, 72m, (80)	nos.	538,876	8,811.00	78,561,062	3,123.23	317,186,948	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553211	Cast in Place Concrete Bored Pile (P)	D1500mm, 73m, (70)	nos.	541,920	8,811.00	78,976,001	2,803.02	313,484,337	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553212	Cast in Place Concrete Bored Pile (P)	D1500mm, 73m, (80)	nos.	541,920	8,811.00	79,383,627	3,166.64	319,019,005	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553221	Cast in Place Concrete Bored Pile (P)	D1500mm, 75m, (70)	nos.	548,011	8,811.00	80,609,234	2,879.24	316,987,486	with permanent stand pipe	
ApproachBridge(Foundation)	PC-553222	Cast in Place Concrete Bored Pile (P)	D1500mm, 75m, (80)	nos.	548,011	8,811.00	81,028,761	3,253.48	322,683,797	with permanent stand pipe	

Summary of Process Cost

CAN THO BRIDGE CONSTRUCTION PROJECT

Category	No.	Description	Specification	Unit	Unit Price			Local Currency		Combined Total Price (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
Approach Bridge (Foundation)	PC-554010	Cast in Place Concrete Bored Pile (P)	L=80m, D=2000mm A	nos	752,642	14,756.10	137,885,776	7,583.10	551,130,077	with permanent stand pipe	
Approach Bridge (Foundation)	PC-554020	Cast in Place Concrete Bored Pile (P)	L=70m, D=2000mm A	nos	698,520	14,756.10	123,068,932	6,635.21	515,862,057	with permanent stand pipe	
Approach Bridge	PC-591110	Drainage (Anchor Bolt Installation)(AB)	(D200mm)	nos	0	0.00	5,640	0.00	5,640		
Approach Bridge	PC-591130	Drainage (Drainage Pipe Installation)(AB)	(D200mm)	m	2,004	0.00	4,932	0.00	266,565		
Approach Bridge	PC-591140	Drainage (Drainage Pit Installation)(AB)		nos	0	0.00	1,199,944	0.00	1,199,944		
Approach Bridge	PC-591310	Railing Installation (AB)		m	0	0.00	800,046	0.00	800,046		
Main Bridge (Superstructure)	PC-611110	Formwork & Supporting Work (MB)		m2	1,425	0.00	44,610	0.00	230,683	PC Segment Production	
Main Bridge (Superstructure)	PC-611130	Rebar Fabrication Work (MB)		t	16,211	0.00	386,012	262.92	6,209,555	PC Segment Production	
Main Bridge (Superstructure)	PC-611131	Rebar Fabrication Work (MB)	(D10-D14)	t	16,211	0.00	386,012	262.92	6,209,555	PC Segment Production	
Main Bridge (Superstructure)	PC-611132	Rebar Fabrication Work (MB)	(D16-D25)	t	16,211	0.00	386,012	262.92	6,209,555	PC Segment Production	
Main Bridge (Superstructure)	PC-611133	Rebar Fabrication Work (MB)	(D28-D32)	t	16,211	0.00	386,012	262.92	6,209,555	PC Segment Production	
Main Bridge (Superstructure)	PC-611150	Concrete Work (MB)		m3	4,228	0.00	460,478	5.21	1,085,936	PC Segment Production	
Main Bridge (Superstructure)	PC-611170	Traverse Move Work to Stock Yard (MB)		nos	45,655	0.00	111,475	0.00	6,071,989	PC Segment Production	
Main Bridge (Superstructure)	PC-611300	Equipment Depression (Crane 300t)(MB)	PC Segment Production	lot	0	3,408,512.40	0	0.00	48,060,024.840	PC Segment Production	
Main Bridge (Superstructure)	PC-611320	Equipment Depression (Crane 45t)(MB)	PC Segment Production	lot	0	1,311,730.20	0	0.00	18,495,395.820	PC Segment Production	
Main Bridge (Superstructure)	PC-611340	Equipment Depression (Crane & Girder)(MB)	Segment Loading	lot	0	3,392,806.50	0	0.00	47,838,571.650	PC Segment Production	
Main Bridge (Superstructure)	PC-611360	Equipment Depression (Formwork Facility)(MB)	PC Segment Production	lot	55,000,393	1,455,391.80	657,653,661	0.00	28,359,284.931	PC Segment Production	
Main Bridge (Superstructure)	PC-611380	Depression (Rebar Fabrication Table)(MB)	PC Segment Production	lot	0	499,721.40	0	0.00	7,046,071.740	PC Segment Production	
Main Bridge (Superstructure)	PC-611500	Installation and Removal of Crane 300t (MB)		lot	5,974,612	0.00	39,613,154	0.00	819,631,943	PC Segment Production	
Main Bridge (Superstructure)	PC-611520	Installation and Removal of Crane 45t (MB)		lot	3,998,007	0.00	4,599,806	0.00	526,561,831	PC Segment Production	
Main Bridge (Superstructure)	PC-611540	Crane & girder Installation & Removal (MB)	Segment Loading	lot	9,474,100	0.00	10,821,866	0.00	1,247,718,253	PC Segment Production	
Main Bridge (Superstructure)	PC-611560	Formwork Facility Installation & Removal (MB)	PC Segment	lot	9,425,723	0.00	10,616,517	0.00	1,241,197,020	PC Segment Production	
Main Bridge (Superstructure)	PC-611580	Rebar Fabrication Table Installation & Removal	PC Segment	lot	2,550,106	0.00	2,874,879	0.00	335,805,385	PC Segment Production	
Main Bridge (Superstructure)	PC-612130	Concrete Work (MB)		m3	11,827	0.00	440,022	0.00	1,984,103	PC Steel Connection Segment Production	
Main Bridge (Superstructure)	PC-612140	Traverse Move Work to Stock Yard (MB)		nos	45,655	0.00	111,475	0.00	6,071,989	PC Steel Connection Segment Production	
Main Bridge (Superstructure)	PC-614110	Loading & Transportation Work (Barge)(MB)	Pier Head	nos	22,828	0.00	4,018,626	0.00	6,998,882	Erection of PC Segment Pier Head	
Main Bridge (Superstructure)	PC-614120	Temporary Bearing Work (MB)		m3	76,791	0.00	397,937	0.00	10,423,390	Erection of PC Segment Pier Head	
Main Bridge (Superstructure)	PC-614130	Temporary Fix Work (MB)	(Vertical Bar)	t	385,114	0.00	1,232,013	0.00	51,510,837	Erection of PC Segment Pier Head	
Main Bridge (Superstructure)	PC-614140	Temporary Fix Work (MB)	(Connection of PC Bar)	nos	4,118	0.00	4,881	0.00	542,488	Erection of PC Segment Pier Head	

Summary of Process Cost

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost		No.	Description	Specification	Unit	Unit Price			Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks
Category	Foreign Currency (JP Yen)					Foreign Currency (US\$)	Local Currency (US\$)					
MainBridge(Superstructure)	PC-614150	Temporary Fix Work (MB)	(PC Bar Anchorage)	nos	3,763	0.00	0	0.00	0.00	491,226	Erection of PC Segment Pier Head	
MainBridge(Superstructure)	PC-614160	Temporary Fix Work (MB)	(Tension Work)	nos	9,258	0.00	12,086	0.00	0.00	1,220,747	Erection of PC Segment Pier Head	
MainBridge(Superstructure)	PC-614180	Erection with Floating Crane (MB)		nos	715,200	0.00	1,877,472	0.00	0.00	95,250,805	Erection of PC Segment Pier Head	
MainBridge(Superstructure)	PC-614181	Bracket for pier head (MB)	(Fabrication)	t	0	329.42	909,987	0.00	0.00	5,554,767	Erection of PC Segment Pier Head	
MainBridge(Superstructure)	PC-614182	Bracket for pier head (MB)	(Installation and Removal)	t	16,050	0.00	414,587	0.00	0.00	2,510,004	Erection of PC Segment Pier Head	
MainBridge(Superstructure)	PC-614190	Temporary Fix Work (MB)	(Release Work)	nos	4,757	0.00	8,214	0.00	0.00	629,201	Erection of PC Segment Pier Head	
MainBridge(Superstructure)	PC-614200	Depression of equipment(Erection)(MB)	PC Segment on Pier Head	lot	65,165,670	0.00	8,361,180	0.00	0.00	8,516,101,430	Erection of PC Segment Pier Head	
MainBridge(Superstructure)	PC-615110	Loading & Transportation Work (MB)	PC Segment(on Water)	nos	45,655	0.00	4,074,363	0.00	0.00	10,034,877	Erection of PC Segment	
MainBridge(Superstructure)	PC-615120	Loading & Transportation Work (MB)	PC Segment(on Ground)	nos	1,212,324	0.00	111,475	0.00	0.00	158,387,108	Erection of PC Segment	
MainBridge(Superstructure)	PC-615130	ErectionNose-Assemble&Disassemble(MB)		nos	1,119,306	0.00	40,390,975	0.00	0.00	186,522,872	Erection of PC Segment	
MainBridge(Superstructure)	PC-615140	Segment Erection Work (MB)		nos	447,000	0.00	1,173,420	0.00	0.00	59,531,753	Erection of PC Segment	
MainBridge(Superstructure)	PC-615141	Segment Temporary Setting (MB)	At side pier on water	nos	4,523,040	0.00	469,368	0.00	0.00	590,977,368	Erection of PC Segment	
MainBridge(Superstructure)	PC-615142	Bracket for side pier head (MB)	(Fabrication)	t	0	329.42	909,987	0.00	0.00	5,554,767	Erection of PC Segment	
MainBridge(Superstructure)	PC-615143	Bracket for side pier head (MB)	(Installation and Removal)	t	16,050	0.00	414,587	0.00	0.00	2,510,004	Erection of PC Segment	
MainBridge(Superstructure)	PC-615145	EquipmentDepression(Erection)(MB)	PC Segment Erection	lot	0	5,922,288.00	0	0.00	0.00	83,504,260,800	Erection of PC Segment	
MainBridge(Superstructure)	PC-615152	PC Bar Installation Work (MB)	(D32)	t	371,114	0.00	1,232,013	0.00	0.00	49,683,060	(D32, 1B32A, 1B32B)	
MainBridge(Superstructure)	PC-615161	PC Bar Connection Work (MB)	Normal	nos	4,277	0.00	4,881	0.00	0.00	563,247		
MainBridge(Superstructure)	PC-615162	PC Bar Connection Work (MB)	G Type	nos	4,750	0.00	4,881	0.00	0.00	624,999		
MainBridge(Superstructure)	PC-615172	PC Bar Anchorage Installation (MB)	(Fixed Side)(D32)	nos	5,331	0.00	0	0.00	0.00	695,937	(Fixed Side)(D32, 1B32A, 1B32B)	
MainBridge(Superstructure)	PC-615176	PC Bar Tension Work (PC Cant)	(D32)	nos	4,888	0.00	80,483	0.00	0.00	718,638		
MainBridge(Superstructure)	PC-615177	PC Bar Tension Work (PC Cant)	(D32)G	nos	4,888	0.00	80,483	0.00	0.00	718,638		
MainBridge(Superstructure)	PC-615181	Longitudinal PC Cable Installation (MB)	(Inner)(1900kN)	t	392,855	816.20	2,014,902	0.00	0.00	64,812,777	(Inner)(1900kN, 12S12.4A)	
MainBridge(Superstructure)	PC-615182	Longitudinal PC Cable Installation (MB)	(Inner)(2200kN)	t	392,855	816.20	2,014,902	0.00	0.00	64,812,777	(Inner)(2200kN, 12S12.4A)	
MainBridge(Superstructure)	PC-615191	Traverse PC Cable Installation (MB)	(Inner)(570kN)	t	381,224	816.20	2,046,585	0.00	0.00	63,325,890	(Inner)(570kN, 1S21.8)	
MainBridge(Superstructure)	PC-615192	Traverse PC Cable Installation (MB)	(Inner)(750kN)	t	381,224	816.20	2,046,585	0.00	0.00	63,325,890	(Inner)(750kN, 12W7B)	
MainBridge(Superstructure)	PC-615211	PC Cable Anchorage Installation(MB)	(TraverseFixSide)(570kN)	nos	5,911	0.00	0	0.00	0.00	771,705	(Traverse Fix Side)(570kN, 1S21.8)	
MainBridge(Superstructure)	PC-615212	PC Cable Anchorage Installation (MB)	(TraverseFixSide)(750kN)	nos	5,503	0.00	0	0.00	0.00	718,438	(Traverse Fix Side)(750kN, 12W7B)	
MainBridge(Superstructure)	PC-615241	Longitudinal PC Cable Tension Work (MB)	(1900kN)	nos	23,864	0.00	18,657	0.00	0.00	3,134,240	(1900kN, 12S12.4A)	
MainBridge(Superstructure)	PC-615242	Longitudinal PC Cable Tension Work (MB)	(2200kN)	nos	23,864	0.00	18,657	0.00	0.00	3,134,240	(2200kN, 12S12.7B)	

CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost											
Category	No.	Description	Specification	Unit	Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks	
MainBridge(Superstructure)	PC-615251	Traverse PC Cable Tension Work (MB)	(570kN)	nos	8,708	0.00	11,511	0.00	1,148,412	(570kN, JS21.8)	
MainBridge(Superstructure)	PC-615252	Traverse PC Cable Tension Work (MB)	(750kN)	nos	12,222	0.00	13,430	0.00	1,609,020	(750kN, 12W7B)	
MainBridge(Superstructure)	PC-615260	EquipmentDepression(TensionWork)(MB)	(Longitudinal)	lot	1,177,644	0.00	39,177,840	0.00	192,925,807		
MainBridge(Superstructure)	PC-615270	EquipmentDepression(TensionWork)(MB)	(Traverse)	lot	1,700,676	0.00	81,369,360	0.00	303,402,060		
MainBridge(Superstructure)	PC-615281	Bracket for end pier (MB)	(Fabrication)	t	0	329.42	909,987	0.00	5,554,767		
MainBridge(Superstructure)	PC-615282	Bracket for end pier (MB)	(Installation and Removal)	t	16,050	0.00	414,587	0.00	2,510,004		
MainBridge(Superstructure)	PC-615310	Stay Cable Anchorage Installation (MB)	(Pylon Side)(L/2)	set	0	0.00	0	0.00	0		
MainBridge(Superstructure)	PC-615320	Stay Cable Anchorage Installation (MB)	(Pylon Side)(2/2)	set	0	0.00	0	0.00	0		
MainBridge(Superstructure)	PC-615330	Stay Cable Anchorage Installation (MB)	(Pylon Side)	set	54,250	0.00	577,530	0.00	7,660,169		
MainBridge(Superstructure)	PC-615331	Stay Cable Anchorage Installation (MB)	(Pylon Side) type 1	set	54,250	2,949.27	577,530	0.00	49,244,876	(SC6-37)	
MainBridge(Superstructure)	PC-615332	Stay Cable Anchorage Installation (MB)	(Pylon Side) type 2	set	54,250	4,155.89	577,530	0.00	66,258,218	(SC6-48)	
MainBridge(Superstructure)	PC-615333	Stay Cable Anchorage Installation (MB)	(Pylon Side) type 3	set	54,250	4,614.34	577,530	0.00	72,722,363	(SC6-61)	
MainBridge(Superstructure)	PC-615340	Stay Cable Anchorage Installation (MB)	(Girder Side)(J/2)	set	0	0.00	0	0.00	0		
MainBridge(Superstructure)	PC-615350	Stay Cable Anchorage Installation (MB)	(Girder Side)(2/2)	set	0	0.00	0	0.00	0		
MainBridge(Superstructure)	PC-615360	Stay Cable Anchorage Installation (MB)	(Girder Side)	set	63,800	0.00	721,913	0.00	9,051,357		
MainBridge(Superstructure)	PC-615361	Stay Cable Anchorage Installation (MB)	(Girder Side) type 1	set	63,800	3,972.29	721,913	0.00	65,060,646	(SC6-37)	
MainBridge(Superstructure)	PC-615362	Stay Cable Anchorage Installation (MB)	(Girder Side) type 2	set	63,800	5,792.02	721,913	0.00	90,718,839	(SC6-48)	
MainBridge(Superstructure)	PC-615363	Stay Cable Anchorage Installation (MB)	(Girder Side) type 3	set	63,800	6,480.79	721,913	0.00	100,430,496	(SC6-61)	
MainBridge(Superstructure)	PC-615370	Mortal Work of Stay Cable Anchorage (MB)	(Pylon Side)	m3	59,019	0.00	362,587	1,042.88	22,772,383		
MainBridge(Superstructure)	PC-615380	AnchorageProtectionCoverInstallation (MB)		set	5,120	0.00	12,321	0.00	680,765		
MainBridge(Superstructure)	PC-615390	Protective Pipe Fabrication (MB)		m	1,007	18.64	4,620	0.00	398,881		
MainBridge(Superstructure)	PC-615400	Protective Pipe Installation (MB)	(L/2)	lot	0	0.00	0	0.00	0		
MainBridge(Superstructure)	PC-615410	Protective Pipe Installation (MB)	(2/2)	lot	0	0.00	0	0.00	0		
MainBridge(Superstructure)	PC-615420	Protective Pipe Installation (MB)	(3/2)	lot	0	0.00	0	0.00	0		
MainBridge(Superstructure)	PC-615430	Protective Pipe Installation (MB)		m	1,909	0.00	8,625	0.00	257,911		
MainBridge(Superstructure)	PC-615440	Stay Cable Installation (MB)		t	51,308	2,213.53	98,568	0.00	38,005,098		
MainBridge(Superstructure)	PC-615450	Stay Cable Tension Work (MB)		nos	103,898	0.00	492,836	0.00	14,057,252		
MainBridge(Superstructure)	PC-615470	Tension Trimming Work of Stay Cable (MB)		nos	93,870	0.00	431,232	0.00	12,686,482		
MainBridge(Superstructure)	PC-615490	Grout Work (MB)		m3	194,850	48.39	1,561,062	0.00	27,682,041		

CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost		PROJECT									
Category	No.	Description	Specification	Unit	Unit Price Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks	
MainBridge(Superstructure)	PC-615510	Vibration Proofing Work (MB)		lot	38,015	4,120.00	507,621	0.00	63,562,655		
MainBridge(Superstructure)	PC-615610	EquipmentDepression(SayCableWork)(MB)		lot	19,305,000	1,392,246.00	0	0.00	22,151,043,600		
MainBridge(Superstructure)	PC-616110	Loading and Transportation (Barge)	PC Steel Segment	nos	45,655	0.00	4,074,363	0.00	10,034,877	Erection of PC Steel Connection Segment	
MainBridge(Superstructure)	PC-616130	PC-SteelConnectorSegmentFabrication(MB)		nos	447,000	0.00	1,173,420	0.00	59,531,753	Erection of PC Steel Connection Segment	
MainBridge(Superstructure)	PC-616140	PC Bar Installation Work (MB)		1	385,114	0.00	1,232,013	0.00	51,510,837	Erection of PC Steel Connection Segment	
MainBridge(Superstructure)	PC-616150	PC Bar Connection Work (MB)		nos	4,118	0.00	4,881	0.00	542,488	Erection of PC Steel Connection Segment	
MainBridge(Superstructure)	PC-616160	PC Bar Anchorage Installation Work (MB)		nos	3,763	0.00	0	0.00	491,226	Erection of PC Steel Connection Segment	
MainBridge(Superstructure)	PC-616170	PC Bar Tension Work		nos	9,258	0.00	12,086	0.00	1,220,747	Erection of PC Steel Connection Segment	
MainBridge(Superstructure)	PC-616180	Depression of Equipment (Erection) (MB)	PC Steel Segment	lot	52,490	83,844.48	2,511,400	0.00	1,191,571,429	Erection of PC Steel Connection Segment	
MainBridge(Superstructure)	PC-617110	Transportation Work (on Water)	Steel Segment	nos	45,655	0.00	8,466,387	0.00	14,426,901	Erection of Steel Segment	
MainBridge(Superstructure)	PC-617112	Steel Segment Erection		nos	715,200	0.00	1,877,472	0.00	95,250,805	Erection of Steel Segment	
MainBridge(Superstructure)	PC-617114	Depression of Equipment (Erection)	Steel Segment for unloading segment	lot	0	712,678.08	0	0.00	10,048,760,928	Erection of Steel Segment	
MainBridge(Superstructure)	PC-618210	Foundation for PC box segment in yard (MB)		lot	1,751,849	342,322.67	151,541,782	0.00	5,207,005,048	Yard Preparation Work	
MainBridge(Superstructure)	PC-618220	Foundation for PC box segment in yard (MB)	Railings	lot	54,462,938	0.00	18,804,348,882	341,214.93	30,725,918,523	Yard Preparation Work	
MainBridge(Superstructure)	PC-618230	Foundation for PC box segment in yard (MB)	Segment Formwork Facility	lot	3,167,746	0.00	1,064,552,679	0.00	1,478,119,518	Yard Preparation Work	
MainBridge(Superstructure)	PC-618240	Foundation for PC box segment in yard (MB)	Curing Place & Stock Yard	lot	8,753,498	0.00	2,893,193,590	0.00	4,036,011,384	Yard Preparation Work	
MainBridge(Superstructure)	PC-618250	Foundation for PC box segment in yard (MB)	RebarFabricationTable &	lot	1,406,812	0.00	463,125,997	0.00	646,793,119	Yard Preparation Work	
MainBridge(Superstructure)	PC-618260	Foundation for girder segment facility No.3		lot	5,430,742	0.00	1,787,813,372	0.00	2,496,826,911	Yard Preparation Work	
MainBridge(Superstructure)	PC-618270	Foundation for girder segment facility No.4		lot	12,071,787	0.00	3,974,062,125	0.00	5,550,100,983	Yard Preparation Work	
MainBridge(Superstructure)	PC-618280	Soil improvement No.3		lot	0	0.00	7,976,070,000	0.00	7,976,070,000	Yard Preparation Work	
MainBridge(Superstructure)	PC-618290	Soil improvement No.4		lot	0	0.00	6,912,594,000	0.00	6,912,594,000	Yard Preparation Work	
MainBridge(Superstructure)	PC-618300	Jetty for unloading No.3		lot	0	0.00	0	0.00	0	Yard Preparation Work	
MainBridge(Superstructure)	PC-618310	Jetty for unloading No.4		lot	0	0.00	0	0.00	0	Yard Preparation Work	
MainBridge(Superstructure)	PC-619110	Expansion Joint Installation (MB)	300mm	nos.	718,457	0.00	120,989	0.00	93,919,490		
MainBridge(Superstructure)	PC-630110	Concrete Work (Pump) (Pylon)	(Pump) Less than 40m3	m3	2,820	0.00	14,233	0.00	382,402		
MainBridge(Superstructure)	PC-630120	Concrete Work (Pump) (Pylon)	(Pump) 40-80m3	m3	2,295	0.00	12,246	0.00	311,927		
MainBridge(Superstructure)	PC-630130	Concrete Work (Pump) (Pylon)	(Pump) 80-120m3	m3	1,537	0.00	9,609	0.00	210,315		
MainBridge(Superstructure)	PC-630140	Concrete Work (Crane) (Pylon)	(Crane)	m3	1,276	0.00	7,041	0.00	173,629		
MainBridge(Superstructure)	PC-630150	Rebar Work (Pylon)	(D10-D14)	1	16,050	0.00	579,403	268.23	6,456,900		

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Category	No.	Description	Specification	Unit	Unit Price Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks	
MainBridge(Superstructure)	PC-630160	Rebar Work (Pylon)	(D16-D25)	t	12,840	0.00	469,566	268.23	5,927,979		
MainBridge(Superstructure)	PC-630170	Rebar Work (Pylon)	(D29-D38)	t	9,630	0.00	359,728	268.23	5,399,058		
MainBridge(Superstructure)	PC-630180	Rebar Work (Pylon)	(More than D41)	t	6,420	0.00	249,891	268.23	4,870,158		
MainBridge(Superstructure)	PC-631110	Prefabricated Scaffold (Pylon Section 1)		m2	492	0.00	21,254	0.00	85,542		
MainBridge(Superstructure)	PC-631120	Prefabricated Supporting (Pylon Section 1)		m3	777	0.00	42,839	0.00	144,258		
MainBridge(Superstructure)	PC-631130	Form work (Pylon Section 1)		m2	1,130	0.00	49,756	0.00	197,274		
MainBridge(Superstructure)	PC-632110	TemporaryStrut&Supporting(PylonSection2)	(Fabrication)	t	356,808	274.52	0	0.00	50,453,884		
MainBridge(Superstructure)	PC-632120	TemporaryStrut&Supporting(PylonSection2)	(Assemble)36	t	22,819	0.00	286,485	0.00	3,265,573		
MainBridge(Superstructure)	PC-632130	TemporaryStrut&Supporting(PylonSection2)	(Installation and Removal)	t	8,910	0.00	307,578	0.00	1,470,833		
MainBridge(Superstructure)	PC-632140	Bent Supporting (Pylon Section 2)	(Fabrication)	t	356,808	274.52	0	0.00	50,453,884		
MainBridge(Superstructure)	PC-632150	Bent Supporting (Pylon Section 2)	(Assemble) 106	t	48,440	0.00	608,025	0.00	6,932,157		
MainBridge(Superstructure)	PC-632160	Bent Supporting (Pylon Section 2)	(Installation & Removal)	t	8,910	0.00	307,578	0.00	1,470,833		
MainBridge(Superstructure)	PC-632170	Bracket for Strut(Pylon Section 2)	(Fabrication)	t	0	329.42	909,987	0.00	5,554,767		
MainBridge(Superstructure)	PC-632180	Bracket for Strut(Pylon Section 2)	(Installation and Removal)	t	16,050	0.00	414,587	0.00	2,510,004		
MainBridge(Superstructure)	PC-632190	Bracket for Center Hole (PylonSection2)	(Fabrication)	t	0	329.42	909,987	0.00	5,554,767		
MainBridge(Superstructure)	PC-632200	Bracket for Center Hole (PylonSection2)	(Installation and Removal)	t	16,050	0.00	414,587	0.00	2,510,004		
MainBridge(Superstructure)	PC-632210	Form work (Pylon Section 2)		m2	1,130	0.00	49,756	0.00	197,274		
MainBridge(Superstructure)	PC-633110	Form work (PylonSection3)		m2	17,481	0.00	118,722	0.00	2,401,026		
MainBridge(Superstructure)	PC-633120	Temporary Strut (Pylon Section 3)	(Fabrication)	t	356,808	274.52	0	0.00	50,453,884		
MainBridge(Superstructure)	PC-633130	Temporary Strut (Pylon Section 3)	(Assemble)	t	22,819	0.00	286,485	0.00	3,265,573		
MainBridge(Superstructure)	PC-633140	Temporary Strut (Pylon Section 3)	(Installation and Removal)	t	8,910	0.00	307,578	0.00	1,470,833		
MainBridge(Superstructure)	PC-633150	Bracket for Strut (Pylon Section 3)	(Fabrication)	t	0	329.42	32,270	0.00	4,677,049		
MainBridge(Superstructure)	PC-633160	Bracket for Strut (Pylon Section 3)	(Installation and Removal)	t	16,050	0.00	414,587	0.00	2,510,004		
MainBridge(Superstructure)	PC-634110	Prefabricated Scaffold (Pylon Section 4)		m2	64,200	0.00	1,185,868	0.00	9,567,535		
MainBridge(Superstructure)	PC-634120	Bracket for scaffold (Pylon Section 4)	(Fabrication)	t	0	329.42	909,987	0.00	5,554,767		
MainBridge(Superstructure)	PC-634130	Bracket for scaffold (Pylon Section 4)	(Installation and Removal)	t	16,050	0.00	414,587	0.00	2,510,004		
MainBridge(Superstructure)	PC-634140	Form work (Pylon Section 4)		m2	4,149	0.00	10,561	0.00	552,236		
MainBridge(Superstructure)	PC-634150	Form work (Pylon Section 4)	(Support)	t	13,332	0.00	108,161	0.00	1,848,790		
MainBridge(Superstructure)	PC-635110	AnchorageSupporting(PylonSteelStructure)	Fabrication	t	356,808	324.42	0	0.00	51,157,572		

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Category	No.	Description	Specification	Unit	Unit Price			Local Currency		Combined Total Price (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
Main Bridge(Superstructure)	PC-635120	Anchorage Supporting(Pylon Steel Structure)	Assemble on Ground	t	3,981	0.00	49,964	0.00	569,746		
Main Bridge(Superstructure)	PC-635130	Anchorage Supporting(Pylon Steel Structure)	Installation	t	9,287	0.00	110,056	0.00	1,322,463		
Main Bridge(Superstructure)	PC-635140	Anchorage Supporting(Pylon Steel Structure)	Installation(1/2)	t	9,286	0.00	102,140	0.00	1,314,543		
Main Bridge(Superstructure)	PC-635150	Anchorage Supporting(Pylon Steel Structure)	Installation(2/2)	nos	61	0.00	1,297	0.00	9,223		
Main Bridge(Superstructure)	PC-636110	Installation of Tower Crane (Pylon)		nos	5,542,800	0.00	20,464,827	0.00	744,108,160		
Main Bridge(Superstructure)	PC-636130	Equipment Depresson (Pylon Work)		lot	786,845,892	868,218.00	0	0.00	114,968,976,367		
Main Bridge(Substructure)	PC-631200	Cast in Place Concrete Bored Pile (MB)	L=100m, D=3000mm (W)	nos	20,382,662	158,238.85	391,330,383	43,141.00	5,891,856,003		
Main Bridge(Substructure)	PC-631210	Cast in Place Concrete Bored Pile (MB)	L=100m, D=3000mm (L)	nos	18,608,159	158,238.85	377,371,851	43,141.00	5,646,226,246		
Main Bridge(Substructure)	PC-632110	Guide pipe Installation and removal	L=40m, D=600mm	nos	14,300	143.60	466,722	0.00	4,358,375		
Main Bridge(Substructure)	PC-633110	Assemble and disassemble of Crane	45t	nos.	721,015	0.00	18,241,749	0.00	112,374,322		
Main Bridge(Substructure)	PC-633120	Assemble and disassemble of Crane	150t	nos.	323,621	0.00	9,120,875	0.00	51,371,374		
Main Bridge(Substructure)	PC-633130	Assemble and disassemble of Crane	100t	nos.	227,223	0.00	6,999,741	0.00	36,664,986		
Main Bridge(Substructure)	PC-671000	Pile Cap Formwork Production (MB)	(t=20cm)	m2	641	0.00	276,456	14.91	570,285		
Main Bridge(Substructure)	PC-671010	Pile Cap Formwork Production (MB)	(t=20cm) (Circle)	m2	641	0.00	276,456	14.91	570,285		
Main Bridge(Substructure)	PC-671100	Pile Cap Formwork Installation (MB)	(t=20cm)	m2	4,663	0.00	336,181	0.00	945,003		
Main Bridge(Substructure)	PC-671200	Pile Cap Formwork Installation (MB)	(t=20cm) (Circle)	m2	5,546	0.00	344,435	0.00	1,068,506		
Main Bridge	PC-691110	Navigation Aids (Navigation Light)		set	3,750,000	0.00	108,287	0.00	489,691,620		
Main Bridge	PC-691120	Navigation Aids (Navigation Marker Buoys)	Temporary	set	3,565,714	0.00	311,512	0.00	465,835,322		
Main Bridge	PC-691130	Navigation Aids(Navigation Marker Buoys)	Permanent	set	6,400,000	0.00	311,512	0.00	835,867,068		
Main Bridge	PC-691200	Navigation Aids(Obstruction Lights System)		set	18,948,800	0.00	1,925,100	0.00	2,475,796,211		
Main Bridge	PC-691300	Anti Thunderbolt System		set	0	0.00	11,944,333	0.00	11,944,333		
Main Bridge	PC-691410	Drainage(Anchor Bolt Installation)(MB)		nos	0	0.00	5,640	0.00	5,640	on Main Bridge	
Main Bridge	PC-691430	Drainage(Drainage Pipe Installation)(MB)	(D200mm)	m	2,004	0.00	4,932	0.00	266,565	on Main Bridge	
Main Bridge	PC-691440	Drainage(Drainage Pit Installation)(MB)		nos	0	0.00	1,199,944	0.00	1,199,944	on Main Bridge	
Main Bridge	PC-692110	Revetment works	Rubble deposition	m3	0	0.00	137,075	0.00	137,075		
Main Bridge	PC-692120	Revetment works	Trimming of a rubble mount	m2	488	0.00	17,811	0.00	81,618		
Main Bridge	PC-693110	Installation of Railing (MB)		m	0	0.00	1,582,646	0.00	1,582,646		
Main Bridge	PC-694110	Bearing Work at pylon (MB)	(1470*1470*424.5)	nos.	14,743,795	0.00	562,869	0.00	1,925,447,216	At pylon Reaction 750t	
Main Bridge	PC-694120	Bearing Work side span (MB)	(1120*1120*437)	nos.	8,559,315	0.00	562,869	0.00	1,118,028,994	Side Span Reaction 1900t	

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Category	No.	Description	Specification	Unit	Unit Price			Local Currency		Combined Total Price (VND)	Remarks
					Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)			
Main Bridge	PC-694130	Bearing Work side span (MB)	(1220*1220*459)	nos.	9,693,235	0.00	562,869	0.00	1,266,068,550	Side Span Reaction 1900t	
Main Bridge	PC-694140	Bearing Work end span (MB)	(1120*1120*424.5)	nos.	7,735,955	0.00	562,869	0.00	1,010,534,772	End Span Reaction 220t	
Temporary Works	PC-701011	Erection & Removal(Temporary Jetty)	(H Steel Girder)	t	0	88.08	549,708	0.00	1,791,636		
Temporary Works	PC-701012	Erection & Removal(Temporary Bridge)	(H Steel Girder)	t	0	264.24	549,708	0.00	4,275,492		
Temporary Works	PC-701019	Erection & Removal(Temporary Bridge)	(Truss)	t	0	0.00	549,708	1,304.00	18,936,108		
Temporary Works	PC-701020	Railing Installation&Removal	(Temporary Bridge)	m	0	0.00	36,160	0.00	36,160		
Temporary Works	PC-701041	Pile Installation&Removal(Temporary/Jetty)	H Steel Pile 35m	nos	5,566	416.18	432,413	0.00	7,027,208		
Temporary Works	PC-701042	Pile Installation&Removal(Temporary/Bridge)	H Steel Pile 35m	nos	5,566	1,248.53	432,413	0.00	18,763,428		
Temporary Works	PC-701043	Pile Installation&Removal(Temporary/Bridge)	H Steel Pile 48m	nos	7,713	570.76	599,366	0.00	9,654,029		
Temporary Works	PC-701044	Pile Installation&Removal(Temporary Yard)	H Steel Pile 35m	nos	5,566	1,248.53	432,413	0.00	18,763,428		
Temporary Works	PC-701046	Driving RC Pile (Temporary Yard)	RC Pile 35m	nos.	40,812	0.00	13,460,510	0.00	18,788,718		
Temporary Works	PC-701048	Driving RC Pile (Temporary Yard)	RC Pile 35m	nos.	55,169	0.00	13,497,475	0.00	20,700,064		
Temporary Works	PC-701051	Covering Plate (Temporary Jetty)	Installation & Removal	m2	0	0.00	33,487	38.63	578,170		
Temporary Works	PC-701052	Covering Plate (Temporary Bridge)	Installation & Removal	m2	0	0.00	33,487	115.89	1,667,536		
Temporary Works	PC-702110	Sheet Pile Work (Temporary Cofferdam)	Less than 12m (Type II)	nos	869	4.58	79,288	0.00	257,371		
Temporary Works	PC-702120	Sheet Pile Work (Temporary Cofferdam)	Less than 16m (Type III)	nos	1,588	10.31	116,466	0.00	469,050		
Temporary Works	PC-702130	Sheet Pile Work (Temporary Cofferdam)	Less than 20m (Type IV)	nos	869	13.04	115,030	0.00	412,343		
Temporary Works	PC-702131	Sheet Pile Work (Temporary Yard)	Less than 20m (Type IV)	nos	869	39.11	115,030	0.00	779,958		
Temporary Works	PC-702140	Strut and Wale Work (Temporary Cofferdam)	(Installation and Removal)	t	0	88.08	549,226	0.00	1,791,154		
Temporary Works	PC-702150	Drainage Work (Temporary Cofferdam)	Drainaging 40-120m3/hr	day	128	0.00	23,245	0.00	39,912		
Temporary Works	PC-702160	Drainage Work (Temporary Cofferdam)	Drainaging 210-330m3/hr	day	5,629	0.00	477,858	0.00	1,212,720		
Temporary Works	PC-702170	Drainage Work (Temporary Cofferdam)	Drainaging 450-600m3/hr	day	3,830	0.00	440,281	0.00	940,299		
Temporary Works	PC-702180	Drainage Work (Temporary Cofferdam)	Drainaging 750-920m3/hr	day	5,107	0.00	780,410	0.00	1,447,100		
Temporary Works	PC-702190	Drainage Work (Temporary Cofferdam)	1080-1300m3/hr	day	6,383	0.00	860,148	0.00	1,693,511		
Temporary Works	PC-702210	Drainage Pump Installation & Removal	(Temporary Cofferdam)	lot	0	0.00	440,071	0.00	440,071		
Temporary Works	PC-702310	Construction Temporary Road	Road	m	0	0.00	1,678,233	0.00	1,678,233		
Temporary Works	PC-702320	Construction Temporary Road	Drainage	m	0	0.00	12,794	0.00	12,794		
Temporary Works	PC-702330	Construction Temporary Road	Aggregate pavement	m2	0	0.00	84,980	0.00	84,980		
Temporary Works	PC-703110	Spreading & Compaction (Temporary Yard)	Aggregate t=200mm	m2	0	0.00	33,202	0.00	33,202		

Summary of Process Cost



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Summary of Process Cost										
Category	No.	Description	Specification	Unit	Unit Price Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks
Temporary Works	PC-703115	Spreading & Compaction (Temporary Yard)	Sand	m3	0	0.00	24,675	0.00	24,675	
Demolition	PC-750101	Removal of Old Pavement		m2	1	0.00	3,837	0.00	3,914	
Demolition	PC-750121	Removal of Concrete		m3	609	0.00	142,535	0.00	222,030	
Demolition	PC-755010	Removal of railing (Bridge)		m	10	0.00	4,042	0.00	5,350	
Demolition	PC-755020	Removal of Asphalt Pavement (Bridge)		m3	1	0.00	2,839	0.00	2,999	
Demolition	PC-755021	Removal of Asphalt Pavement (Bridge)	(Loading)	m3	0	0.00	13,225	0.00	13,225	
Demolition	PC-755030	Removal of Slab (1)		m3	609	0.00	142,535	0.00	222,030	
Demolition	PC-755040	Removal of Girder		1	0	0.00	86,829	0.00	86,829	
Demolition	PC-755050	Removal of Slab (2)		m3	0	0.00	2,202	0.00	2,253	
Electric Work	PC-785110	PVC 2.5sq		m	0	0.00	3,385	0.16	5,598	
Electric Work	PC-785120	PVC 6sq		m	0	0.00	4,528	0.22	7,592	
Electric Work	PC-785130	PVC 10sq		m	0	0.00	6,814	0.33	11,411	
Electric Work	PC-785150	XLPE 2.5sq-3C		m	0	0.00	15,235	0.92	28,263	
Electric Work	PC-785160	XLPE 16sq-4C		m	0	0.00	43,213	2.75	81,973	
Electric Work	PC-785170	XLPE 25sq-4C		m	0	0.00	58,175	3.73	110,718	
Electric Work	PC-785180	XLPE 70sq-4C		m	0	0.00	151,651	9.97	292,180	
Electric Work	PC-785190	XLPE 95sq-4C		m	0	0.00	200,627	13.31	388,258	
Electric Work	PC-785210	XLPE/SWA/PVC 16sq-4C		m	0	0.00	4,801	3.79	58,218	
Electric Work	PC-785220	XLPE/SWA/PVC 25sq-4C		m	0	0.00	6,253	4.78	73,719	
Electric Work	PC-785230	XLPE/SWA/PVC 70sq-4C		m	0	0.00	12,617	12.06	182,682	
Electric Work	PC-785240	XLPE/SWA/PVC 95sq-4C		m	0	0.00	14,962	17.18	257,157	
Electric Work	PC-785260	22kV XLPE/SWA/PVC 185sq-3C		m	0	0.00	9,044	35.86	514,706	
Electric Work	PC-786110	22kV Termination Material		set	0	0.00	69,226	219.31	3,161,497	
Electric Work	PC-786120	22kV Straight Joint Material		set	0	0.00	69,226	163.54	2,375,140	
Electric Work	PC-786130	Termination XLPE16sq-4C		set	0	0.00	0	29.46	415,386	
Electric Work	PC-786140	Termination XLPE25sq-4C		set	0	0.00	0	29.46	415,386	
Electric Work	PC-786150	Termination XLPE70sq-4C		set	0	0.00	0	29.46	415,386	
Electric Work	PC-786160	Termination XLPE95sq-4C		set	0	0.00	0	38.86	547,926	
Electric Work	PC-787110	IMC 1"		m	0	0.00	7,816	12.05	177,790	

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Electric Work	PC-787120	IMC 2"		m	0	0.00	16,413	14.74	224,276		
Electric Work	PC-787130	GIP 3"		m	0	0.00	20,433	5.93	104,098		
Electric Work	PC-787140	GIP 6"		m	0	0.00	20,433	12.60	198,155		
Electric Work	PC-787150	Normal Bend 3"		pcs	0	0.00	0	9.66	136,206		
Electric Work	PC-787160	P. BOX 400x400x400(HOT DIP)		pcs	0	0.00	6,141,069	29.96	6,563,468		
Electric Work	PC-788110	Cable Rack W=1000		m	0	0.00	68,892	57.59	880,899		
Electric Work	PC-789110	Switch 3W10A W/PLATE		pcs	0	0.00	6,029	10.63	155,890		
Electric Work	PC-789120	SWITCH 1P10A W/PLATE		pcs	0	0.00	7,816	9.93	147,897		
Electric Work	PC-789130	Receptacle 2P+E 10A W/PLATE		pcs	0	0.00	6,029	11.93	174,299		
Electric Work	PC-790110	Road Lighting NH250W		set	0	0.00	159,668	146.88	2,230,676		
Electric Work	PC-790120	Flood Lighting HI1000W		set	0	0.00	194,281	606.12	8,740,641		
Electric Work	PC-790130	Low Bay Lighting NH150W		set	0	0.00	33,943	416.16	5,901,799		
Electric Work	PC-790140	Surface Mount REF. TYPE 40Wx2		set	0	0.00	29,142	26.33	400,452		
Electric Work	PC-790150	Surface Mount BATT. TYPE40Wx1		set	0	0.00	23,336	56.07	813,923		
Electric Work	PC-791110	Single Arm H=11.5m		set	0	0.00	410,893	428.54	6,453,279		
Electric Work	PC-791120	Double Arm H=11.5m		set	0	0.00	410,893	433.76	6,526,915		
Electric Work	PC-791130	High Mast Pole H=20m		set	0	0.00	1,643,573	9,677.29	138,093,402		
Electric Work	PC-792110	Grounding Rod D14x300L		pcs	0	0.00	20,433	2.96	62,141		
Electric Work	PC-792120	Grounding Rod D14x300L		pcs	0	0.00	42,764	16.15	270,431		
Electric Work	PC-792130	Grounding Rod D14x300L		pcs	0	0.00	399,728	99.07	1,796,651		
Electric Work	PC-792150	Grounding Terminal Board		unit	0	0.00	66,993	1,615.68	22,848,081		
Electric Work	PC-793110	Foundation for Lighting Type A		pcs	0	0.00	17,307	106.42	1,517,829		
Electric Work	PC-793140	Foundation for Lighting Type B		pcs	0	0.00	1,730,665	19,581.32	277,827,277		
Electric Work	PC-793160	Man Hole (A)		pcs	0	0.00	2,791	587.23	8,282,734		
Electric Work	PC-793170	Man Hole (B)		pcs	0	0.00	2,791	1,194.27	16,841,998		
Electric Work	PC-793180	Man Hole (C)		pcs	0	0.00	2,791	1,474.27	20,789,998		
Electric Work	PC-793190	Man Hole (D)		pcs	0	0.00	2,791	325.34	4,590,085		
Electric Work	PC-793200	Concrete Plate		pcs	0	0.00	2,791	2.35	35,926		
Electric Work	PC-794110	22KV Feederpanel		Unit	0	0.00	602,941	55,791.36	787,261,117		

Summary of Process Cost

CAN THO BRIDGE CONSTRUCTION PROJECT

Summary of Process Cost		PROJECT									
Category	No.	Description	Specification	Unit	Unit Price	Foreign Currency (JP Yen)	Foreign Currency (US\$)	Local Currency (VND)	Local Currency (US\$)	Combined Total Price (VND)	Remarks
Electric Work	PC-794120	22kV Incoming Panel		Unit		0	0.00	602,941	30,011.90	423,770,788	
Electric Work	PC-794130	22kV Receiving Panel		Unit		0	0.00	602,941	66,757.25	941,880,138	
Electric Work	PC-794140	22kV Ring Main Unit		Unit		0	0.00	602,941	7,887.74	111,820,132	
Electric Work	PC-794150	Generator Set 100kVA		Unit		0	0.00	781,591	69,001.73	973,705,955	
Electric Work	PC-794160	Generator Set 200kVA		Unit		0	0.00	1,116,558	99,654.91	1,406,250,817	
Electric Work	PC-794170	Generator Set 50kVA		Unit		0	0.00	558,279	41,747.33	589,195,604	
Electric Work	PC-794180	L.V.SWGR Panel (A-1)		Unit		0	0.00	767,075	17,955.84	253,944,419	
Electric Work	PC-794190	L.V.SWGR Panel (B-1)		Unit		0	0.00	935,564	19,879.68	281,239,052	
Electric Work	PC-794200	L.V.SWGR Panel (C-1)		Unit		0	0.00	1,134,423	25,779.46	364,624,753	
Electric Work	PC-794210	L.V.SWGR Panel (D-1)		Unit		0	0.00	1,346,457	23,599.10	334,093,824	
Electric Work	PC-794220	L.V.SWGR Panel (E-1)		Unit		0	0.00	1,190,474	27,703.30	391,806,948	
Electric Work	PC-794230	L.V.SWGR Panel (F-1)		Unit		0	0.00	654,750	16,609.15	234,843,793	
Electric Work	PC-794240	Lighting Panel	A2,B2,C2,D2,E2,F2	Unit		0	0.00	141,356	1,762.56	24,993,452	
Electric Work	PC-794250	Lighting Panel	C3,D3	Unit		0	0.00	412,680	1,958.40	28,026,120	
Electric Work	PC-794260	Sub Main Panel		Unit		0	0.00	404,752	2,937.60	41,824,912	
Electric Work	PC-794270	Transformer 100kVA		Unit		0	0.00	224,428	9,939.84	140,376,172	
Electric Work	PC-794280	Transformer 200kVA		Unit		0	0.00	305,937	11,478.91	162,158,596	
Electric Work	PC-794290	Transformer 50kVA		Unit		0	0.00	136,220	8,400.77	118,587,049	
Electric Work	PC-795120	Electrical Rm.(A,C,D,E,F)		Unit		0	0.00	0	23,440.00	330,504,000	
Electric Work	PC-795130	Electrical Rm.(B)		Unit		0	0.00	0	40,960.00	577,536,000	
						0	0.00	0	0.00	0	

## II-2. Process Cost











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

CAN THO BRIDGE CONSTRUCTION PROJECT										
Process Cost										
Stripping Topsoil										
Unit: 1000 m2										
Sheet #: PC 105000										
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	Bulldozer	21t	hr	5.00	0	0.00	302,509	0.00	1,512,545	EL 104000
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
Summary										
per m2									1,512,545	1,513

Q=60\*q\*f\*E/Cm (m3/h), cm=0.027\*+0.78(min), q=2.03m3, f=1, E=0.65, l=20m  
 Q=59.98m3/h  
 t=30cm Volume is indicated in ground soil volume

REMARKS

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

CAN THO BRIDGE CONSTRUCTION PROJECT

Process Cost Excavation(OpenCut, Swamp&Soft Ground) Bulldozer 16t Unit: 100 m3 Sheet #: FC 106000

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	Bulldozer (swamp)	16t	hr	1.67	0	0.00	207,986	0.00	347,537	EL 103000
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
Summary										
									347,537	
									3,473	

Q=60\*q\*\*E/Cm=60.00m3/hr : q=2.03m3, [s=1, E=0.65, Cm=0.027\*+0.78, l=20m

Q=59.98m3/hr

Volume is indicated in ground soil volume

per m3

REMARKS