

Table O.4.6 (1) Financial Cost Estimate Sheet for Transportation Sector, Phase I (2001 - 2010) (1/2)

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-1		Special Road, sp-1 (arterial road), sp-2, sp-3					
	1)	Direct construction cost	LS	1	0	10.0	10.0
		VAT, 20 %			0	2.0	2.0
		sub total a)			0	12.0	12.0
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.2	0.2
	3)	Administration Expenses, 5 % of sub total a)			0	0.6	0.6
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	1.2	1.2
	5)	Contingency, 10 % of sub total a)			0	1.2	1.2
		Total cost of Project A			0	15.2	15.2

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-2		Main streets of City importance, Arterial road (a-1 to a-10)					
	1)	Direct construction cost	LS	1	0	53.3	53.3
		VAT, 20 %			0	10.7	10.7
		sub total a)			0	64.0	64.0
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.7	0.7
	3)	Administration Expenses, 5 % of sub total a)			0	3.2	3.2
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	6.4	6.4
	5)	Contingency, 10 % of sub total a)			0	6.4	6.4
		Total cost of Project A			0	80.7	80.7

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-3		Main streets of City Importance, Primary road (p-1 to p-12)					
	1)	Direct construction cost	LS	1	0	13.0	13.0
		VAT, 20 %			0	2.6	2.6
		sub total a)			0	15.6	15.6
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.2	0.2
	3)	Administration Expenses, 5 % of sub total a)			0	0.8	0.8
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	1.6	1.6
	5)	Contingency, 10 % of sub total a)			0	1.6	1.6
		Total cost of Project A			0	19.7	19.7

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-4		Main streets of Regional importance, Secondary road (s-1 to s-46)					
	1)	Direct construction cost	LS	1	0	18.7	18.7
		VAT, 20 %			0	3.7	3.7
		sub total a)			0	22.4	22.4
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.3	0.3
	3)	Administration Expenses, 5 % of sub total a)			0	1.1	1.1
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	2.2	2.2
	5)	Contingency, 10 % of sub total a)			0	2.2	2.2
		Total cost of Project A			0	28.3	28.3

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-5		Streets and Roads of Local Importance, Tertiary (TR1, TR2, TR3)					
	1)	Direct construction cost	LS	1	0	5.4	5.4
		VAT, 20 %			0	1.1	1.1
		sub total a)			0	6.5	6.5
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.2	0.2
	3)	Administration Expenses, 5 % of sub total a)			0	0.3	0.3
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.6	0.6
	5)	Contingency, 10 % of sub total a)			0	0.6	0.6
		Total cost of Project A			0	8.3	8.3

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-6		Trolley Bus Project					
	1)	Direct construction cost	LS	1	4.0	1.0	5.0
		VAT, 20 %			0.8	0.2	1.0
		sub total a)			4.8	1.2	6.0
	2)	Land Acquisition and Compensation Cost	(T100/m2)	ha	0.0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0.0	0.3	0.3
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0.5	0.1	0.6
	5)	Contingency, 10 % of sub total a)			0.5	0.1	0.6
		Total cost of Project A			5.8	1.7	7.5

Table O.4.6 (1) Financial Cost Estimate Sheet for Transportation Sector, Phase I (2001 - 2010) (2/2)

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-7	Bridge (b-2 to b-24)						
	1)	Direct construction cost	LS	1	0	7.3	7.3
		VAT, 20 %			0	1.5	1.5
		sub total a)			0	8.8	8.8
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	12,212	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.4	0.4
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.9	0.9
	5)	Contingency, 10 % of sub total a)			0	0.9	0.9
		Total cost of Project A			0	11.0	11.0

				US\$1.0=T144.0=JY108.0		unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
20-8		Bridge (f-3 to f-15)						
	1)	Direct construction cost	LS	1	0	55.4	55.4	
		VAT, 20 %			0	11.1	11.1	
		sub total a)			0	66.5	66.5	
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	46,800	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)				0	3.3	3.3
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)				0	6.6	6.6
	5)	Contingency, 10 % of sub total a)				0	6.6	6.6
		Total cost of Project A				0	83.1	83.1

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-10	LRT (L-1)	Light Railway Transit					
	1)	Direct construction cost	LS	1	125.2	31.3	156.5
		VAT, 20 %			25.0	6.3	31.3
		sub total a)			150.2	37.6	187.8
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	32,000	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0.0	9.4	9.4
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			15.0	3.8	18.8
	5)	Contingency, 10 % of sub total a)			15.0	3.8	18.8
		Total cost of Project A			180.3	54.5	234.8

				US\$1.0=T144.0=JY108.0		unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
20-13	Terminal, T-1, T-3, & T-5)							
	1)	Direct construction cost	LS	1	0	2.7	2.7	
		VAT, 20 %			0	0.5	0.5	
		sub total a)			0	3.2	3.2	
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	60,000	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)				0	0.2	0.2
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)				0	0.3	0.3
	5)	Contingency, 10 % of sub total a)				0	0.3	0.3
		Total cost of Project A				0	4.1	4.1

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-18	Traffic Management						
1)	Direct construction cost		LS	1	0	4.0	4.0
		VAT, 20 %			0	0.8	0.8
		sub total a)			0	4.8	4.8
2)	Land Acquisition and Compensation Cost		(T100/m2)	m2	30,000	0	0.0
3)	Administration Expenses, 5 % of sub total a)					0	0.2
4)	Engineering Services Cost w/VAT, 10 % of sub total a)					0	0.5
5)	Contingency, 10 % of sub total a)					0	0.5
	Total cost of Project A					0	6.0

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-25	Airport						
	1)	Direct construction cost	LS	1	9.8	9.8	19.5
		VAT, 20 %			2.0	2.0	3.9
		sub total a)			11.7	11.7	23.4
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	243,000	0.0	0.2	0.2
	3)	Administration Expenses, 5 % of sub total a)			0.0	1.2	1.2
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			1.2	1.2	2.3
	5)	Contingency, 10 % of sub total a)			1.2	1.2	2.3
		Total cost of Project A			14.0	15.4	29.4

US\$1.0=T144.0=JY108.0 unit: million

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Table O.4.6 (3) Financial Cost Estimate Sheet for Water Supply Sector, Phase I (2001 - 2010)

					US\$1.0=T144.0=JY108.0 unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
40-1		Construction of 3rd Water pipeline (No. 01-10/09 Project List No.22)					
	1)	Direct construction cost	LS	1	0.0	26.0	26.0
		VAT, 20 %			0.0	5.2	5.2
		sub total a)			0.0	31.2	31.2
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	153,000	0.0	0.1	0.1
	3)	Administration Expenses, 5 % of sub total a)			0.0	1.6	1.6
	4)	Engineering Services Cost w/VAT, 5 % of sub total a)			0.0	1.6	1.6
	5)	Contingency, 5 % of sub total a)			0.0	1.6	1.6
		Total cost of Project A			0.0	36.0	36.0

					US\$1.0=T144.0=JY108.0 unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
40-2		Construction of Water Supply and Drainage Networks (No. 01-10/09 Project List No.35)					
					included to cost code 40-4 & drainage sector		
	1)	Direct construction cost	LS	1	0	0.0	0.0
		VAT, 20 %			0	0.0	0.0
		sub total a)			0	0.0	0.0
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	30,000	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.0	0.0
	4)	Engineering Services Cost w/VAT, 7 % of sub total a)			0	0.0	0.0
	5)	Contingency, 10 % of sub total a)			0	0.0	0.0
		Total cost of Project A			0	0.0	0.0

					US\$1.0=T144.0=JY108.0 unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
40-3		Reconstruction of Water Supply Networks and Water Supply Pump Station and WTP (No. 01-10/09 Project List No.37)					
					included to cost code 40-4		
	1)	Direct construction cost	LS	1	0	0.0	0.0
		VAT, 20 %			0	0.0	0.0
		sub total a)			0	0.0	0.0
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	30,000	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.0	0.0
	4)	Engineering Services Cost w/VAT, 7 % of sub total a)			0	0.0	0.0
	5)	Contingency, 10 % of sub total a)			0	0.0	0.0
		Total cost of Project A			0	0.0	0.0

					US\$1.0=T144.0=JY108.0 unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
40-4		Priority Project, 1st Stage					
	1)	Direct construction cost	LS	1	76.7	19.2	95.9
		VAT, 20 %			15.3	3.8	19.2
		sub total a)			92.1	23.0	115.1
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	180,000	0.0	0.1	0.1
	3)	Administration Expenses, 5 % of sub total a)			0.0	5.8	5.8
	4)	Engineering Services Cost w/VAT, 7 % of sub total a)			6.4	1.6	8.1
	5)	Contingency (physical and price), 12 % of sub total a)			11.0	2.8	13.8
		Total cost of Project A			109.6	33.3	142.8

Table O.4.6 (4) Financial Cost Estimate Sheet for Sewerage Sector, Phase I (2001-2010)

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
50-1	Reconstruction of Sewerage Pump Station (No.01-10/09 Project List No					
1)	Direct construction cost	LS	1	include cost code 50-3 to 50-5		0.0
	VAT, 20 %					0.0
	sub total a)					0.0
2)	Land Acquisition and Compensation Cost (T200/m2)	ha	0			0.0
3)	Administration Expenses, 2 % of sub total a)					0.0
4)	Engineering Services Cost w/VAT, 7 % of sub total a)					0.0
5)	Contingencies (physical and price), 12 % of sub total a)					0.0
	Total cost of Project A					0.0

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
50-2	Reconstruction of Sewerage Pond (No.01-10/09 Project List No.63)					
1)	Direct construction cost	LS	1	include cost code 50-3 to 50-5		0.0
	VAT, 20 %					0.0
	sub total a)					0.0
2)	Land Acquisition and Compensation Cost (T200/m2)	ha	0			0.0
3)	Administration Expenses, 2 % of sub total a)					0.0
4)	Engineering Services Cost w/VAT, 7 % of sub total a)					0.0
5)	Contingencies (physical and price), 12 % of sub total a)					0.0
	Total cost of Project A					0.0

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
50-3	Sewerage Treatment Plant Rehabilitation					
1)	Direct construction cost	LS	1	14.8	6.4	21.2
	VAT, 20 %			3.0	1.3	4.2
	sub total a)			17.8	7.6	25.4
2)	Land Acquisition and Compensation Cost (T200/m2)	ha	1	0.0	0.0	0.0
3)	Administration Expenses, 2 % of sub total a)			0.0	0.5	0.5
4)	Engineering Services Cost w/VAT, 7 % of sub total a)			1.2	0.5	1.8
5)	Contingencies (physical and price), 12 % of sub total a)			2.1	0.9	3.1
	Total cost of Project A			21.2	9.6	30.8

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
50-4	Sewerage Collection System Rehabilitation					
1)	Direct construction cost	LS	1	10.1	4.3	14.4
	VAT, 20 %			2.0	0.9	2.9
	sub total a)			12.1	5.2	17.3
2)	Land Acquisition and Compensation Cost (T200/m2)	ha	1	0.0	0.0	0.0
3)	Administration Expenses, 2 % of sub total a)			0.0	0.3	0.3
4)	Engineering Services Cost w/VAT, 7 % of sub total a)			0.8	0.4	1.2
5)	Contingencies (physical and price), 12 % of sub total a)			1.5	0.6	2.1
	Total cost of Project A			14.4	6.5	20.9

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
50-5	Sewerage Collection System Expansion (1)					
1)	Direct construction cost	LS	1	32.5	13.9	46.4
	VAT, 20 %			6.5	2.8	9.3
	sub total a)			39.0	16.7	55.7
2)	Land Acquisition and Compensation Cost (T200/m2)	ha	1	0.0	0.0	0.0
3)	Administration Expenses, 2 % of sub total a)			0.0	1.1	1.1
4)	Engineering Services Cost w/VAT, 7 % of sub total a)			2.7	1.2	3.9
5)	Contingencies (physical and price), 12 % of sub total a)			4.7	2.0	6.7
	Total cost of Project A			46.4	21.0	67.4

Table O.4.6 (5) Financial Cost Estimate Sheet for Stormwater Drainage Sector, Phase I (2001-2010)

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
60-1	Construction of Treatment Station					
1)	Direct construction cost	LS	1	0	0.5	0.5
	VAT, 20 %			0	0.1	0.1
	sub total a)			0	0.6	0.6
2)	Land Acquisition and Compensation Cost (T200/m2)	m2	5,000	0	0.0	0.0
3)	Administration Expenses, 5 % of sub total a)			0	0.0	0.0
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.1	0.1
5)	Contingency, 10 % of sub total a)			0	0.1	0.1
	Total cost of Project A			0	0.8	0.8

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
60-2	Project for Stormwater Drainage Development and Improvement (District No. 1, 2, 3, 4A, 5, 6, 7, 8, 9, 10, 11, 12, 13, 17, central ind., north ind., west ind., and station 40)					
1)	Direct construction cost	LS	1	0	29.6	29.6
	VAT, 20 %			0	5.9	5.9
	sub total a)			0	35.5	35.5
2)	Land Acquisition and Compensation Cost (T100/m2)	m2	400,000	0	0.3	0.3
3)	Administration Expenses, 5 % of sub total a)			0	1.8	1.8
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	3.6	3.6
5)	Contingency, 10 % of sub total a)			0	3.6	3.6
	Total cost of Project A			0	44.7	44.7

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
60-3	Project for Stormwater Drainage in New City Center					
1)	Direct construction cost	LS	1	0	5.0	5.0
	VAT, 20 %			0	1.0	1.0
	sub total a)			0	6.0	6.0
2)	Land Acquisition and Compensation Cost (T100/m2)	m2	20,000	0	0.0	0.0
3)	Administration Expenses, 5 % of sub total a)			0	0.3	0.3
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.6	0.6
5)	Contingency, 10 % of sub total a)			0	0.6	0.6
	Total cost of Project A			0	7.5	7.5

Table O.4.6 (6) Financial Cost Estimate Sheet for Flood Protection Sector, Phase I (2001-2010)

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
70-1		Ishim River improvement Works					
	1)	Direct construction cost	LS	1	0	6.0	6.0
		VAT, 20 %			0	1.2	1.2
		sub total a)			0	7.2	7.2
	2)	Land Acquisition and Compensation Cost			0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.4	0.4
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.7	0.7
	5)	Contingency, 10 % of sub total a)			0	0.7	0.7
		Total cost of Project A			0	9.0	9.0

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
70-2		Reconstruction of Ishim River Embankment					
	1)	Direct construction cost	LS	1	0	0.8	0.8
		VAT, 20 %			0	0.2	0.2
		sub total a)			0	0.9	0.9
	2)	Land Acquisition and Compensation Cost			0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.0	0.0
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.1	0.1
	5)	Contingency, 10 % of sub total a)			0	0.1	0.1
		Total cost of Project A			0	1.1	1.1

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
70-3		Reconstruction of Bank of Al-Balak River (2nd stage)					
	1)	Direct construction cost	LS	1	0	2.5	2.5
		VAT, 20 %			0	0.5	0.5
		sub total a)			0	3.0	3.0
	2)	Land Acquisition and Compensation Cost			0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.2	0.2
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.3	0.3
	5)	Contingency, 10 % of sub total a)			0	0.3	0.3
		Total cost of Project A			0	3.8	3.8

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
70-4		Ishim River improvement, L=3.0 km (Sary-Alka street to confluence of Sarybulak River)					
	1)	Direct construction cost	LS	1	0	6.1	6.1
		VAT, 20 %			0	1.2	1.2
		sub total a)			0	7.3	7.3
	2)	Land Acquisition and Compensation Cost			0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.4	0.4
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.7	0.7
	5)	Contingency, 10 % of sub total a)			0	0.7	0.7
		Total cost of Project A			0	9.2	9.2

Table O.4.6 (7) Financial Cost Estimate Sheet for Power and Heat Energy Sector, Phase 1 (2001 - 2010) (1/2)

Cost code	Sector / District / Cost Items	Unit	Quantity	US\$1.0=T144.0=JY108.0 unit:million		
				Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
80-1	110/10 kV Substation and Transmission Line Project (Development of power supply system of Astana city up to 2007, 1st stage No. 01-10/9 Project list No. 32)					
	1) Direct construction cost	LS	1	included to cost code 80-3		
	VAT, 20 %					0.0
	sub total a)					0.0
	2) Land Acquisition and Compensation Cost (T200/m2)	32,000				0.0
	3) Administration Expenses, 5 % of sub total a)					0.0
	4) Engineerinf Services Cost w/VAT, 5 % of sub total a)					0.0
	5) Contingency, 10 % of sub total a)					0.0
	Total cost of Project A					0.0

Cost code	Sector / District / Cost Items	Unit	Quantity	US\$1.0=T144.0=JY108.0 unit:million		
				Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
80-2	Conventional Electric Power and Heat Energy Generating Project					
	1) Direct construction cost	LS	1	85.4	36.6	122.0
	VAT, 20 %			17.1	7.3	24.4
	sub total a)			102.5	43.9	146.4
	2) Land Acquisition and Compensation Cost (T200/m2)	10,000		0.0	0.0	0.0
	3) Administration Expenses, 5 % of sub total a)			0.0	7.3	7.3
	4) Engineerinf Services Cost w/VAT, 5 % of sub total a)			5.1	2.2	7.3
	5) Contingency, 10 % of sub total a)			10.2	4.4	14.6
	Total cost of Project A			117.9	57.8	175.7

Cost code	Sector / District / Cost Items	Unit	Quantity	US\$1.0=T144.0=JY108.0 unit:million		
				Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
80-3	Project for 110 kV Transmission Line and Substation					
	1) Direct construction cost	LS	1	12.3	12.3	24.6
	VAT, 20 %			2.5	2.5	4.9
	sub total a)			14.8	14.8	29.5
	2) Land Acquisition and Compensation Cost (T200/m2)	m2	184,200	0.0	0.3	0.3
	3) Administration Expenses, 5 % of sub total a)			0.0	1.5	1.5
	4) Engineerinf Services Cost w/VAT, 5 % of sub total a)			0.7	0.7	1.5
	5) Contingency, 10 % of sub total a)			1.5	1.5	3.0
	Total cost of Project A			17.0	18.7	35.7

Cost code	Sector / District / Cost Items	Unit	Quantity	US\$1.0=T144.0=JY108.0 unit:million		
				Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
80-4	Repair and Restoration of abandoned Heat Mains and Distribution Networks of the City (No. 01-10/9 Project list no. 38)					
	1) Direct construction cost	LS	1	0	0.3	0.3
	VAT, 20 %			0	0.1	0.1
	sub total a)			0	0.4	0.4
	2) Land Acquisition and Compensation Cost (T200/m2)	m2	0	0	0.0	0.0
	3) Administration Expenses, 5 % of sub total a)			0	0.0	0.0
	4) Engineerinf Services Cost w/VAT, 5 % of sub total a)			0	0.0	0.0
	5) Contingency, 10 % of sub total a)			0	0.0	0.0
	Total cost of Project A			0	0.4	0.4

Cost code	Sector / District / Cost Items	Unit	Quantity	US\$1.0=T144.0=JY108.0 unit:million		
				Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
80-5	Construction of Heat Pump Station No.6 (No. 01-10/9 Project list No. 4)					
	1) Direct construction cost	LS	1	0	1.2	1.2
	VAT, 20 %			0	0.2	0.2
	sub total a)			0	1.4	1.4
	2) Land Acquisition and Compensation Cost (T200/m2)	m2	10,000	0	0.0	0.0
	3) Administration Expenses, 5 % of sub total a)			0	0.1	0.1
	4) Engineerinf Services Cost w/VAT, 5 % of sub total a)			0	0.1	0.1
	5) Contingency, 10 % of sub total a)			0	0.1	0.1
	Total cost of Project A			0	1.7	1.7

Table O.4.6 (7) Financial Cost Estimate Sheet for Power and Heat Energy Sector, Phase I (2001 - 2010) (2/2)

					US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
80-6		Project for Extension of Existing District Heating Pipelines to New City Center and New Development Area of Right Bank of Ishim River						
	1)	Direct construction cost	LS	1	0	39.1	39.1	
		VAT, 20 %			0	7.8	7.8	
		sub total a)			0	46.9	46.9	
	2)	Land Acquisition and Compensation Cost (T200/m2)	m2	40,000	0	0.1	0.1	
	3)	Administration Expenses, 5 % of sub total a)			0	2.3	2.3	
	4)	Engineering Services Cost w/VAT, 5 % of sub total a)			0	2.3	2.3	
	5)	Contingency, 10 % of sub total a)			0	4.7	4.7	
		Total cost of Project A			0	56.4	56.4	

					US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
80-7	Project for Three (3) Heat Centers							
	1)	Direct construction cost	LS	1	26.9	26.9	53.7	
		VAT, 20 %			5.4	5.4	10.7	
		sub total a)			32.2	32.2	64.4	
	2)	Land Acquisition and Compensation Cost (T200/m2)	m2	30,000	0.0	0.0	0.0	
	3)	Administration Expenses, 5 % of sub total a)			0.0	3.2	3.2	
	4)	Engineering Services Cost w/VAT, 5 % of sub total a)			1.6	1.6	3.2	
	5)	Contingency, 10 % of sub total a)			3.2	3.2	6.4	
		Total cost of Project A			37.1	40.3	77.4	

Table O.4.6 (8) Financial Cost Estimate Sheet for Gas Supply Sector, Phase I (2001-2010)

					US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
90-1	Astana City Gas Supply Network Project							
	1)	Direct construction cost	LS	1	49.0	49.0	98.0	
		VAT, 20 %			9.8	9.8	19.6	
		sub total a)			58.8	58.8	117.6	
	2)	Land Acquisition and Compensation Cost	(T200/m2) m2	410,000	0.0	0.6	0.6	
	3)	Administration Expenses, 5 % of sub (total a)			0.0	5.9	5.9	
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			5.9	5.9	11.8	
	5)	Contingency, 10 % of sub total a)			5.9	5.9	11.8	
		Total cost OF Project			70.6	77.0	147.6	

Table O.4.6 (9) Financial Cost Estimate Sheet for Telecommunication Sector, Phase I (2001-2010)

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
100-1		Installation of Telephones on the Left Bank of Ishim River					
	1)	Direct construction cost	LS	1	3.5	1.5	5.0
		VAT, 20 %			0.7	0.3	0.8
		sub total a)			4.2	1.8	5.8
	2)	Land Acquisition and Compensation Cost	LS	1	0.0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)	LS	1	0.0	0.3	0.3
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)	LS	1	0.4	0.2	0.6
	5)	Contingency, 10 % of sub total a)	LS	1	0.4	0.2	0.6
		Total cost of Project			5.0	2.5	7.3

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
100-2		Astana New Local Telecommunication Network					
	1)	Direct construction cost	LS	1	27.7	11.9	39.6
		VAT, 20 %			5.5	2.4	7.9
		sub total a)			33.3	14.3	47.5
	2)	Land Acquisition and Compensation Cost	LS	1	0.0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)	LS	1	0.0	2.4	2.4
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)	LS	1	3.3	1.4	4.8
	5)	Contingency, 10 % of sub total a)	LS	1	3.3	1.4	4.8
		Total cost of Project			39.9	19.5	59.4

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
100-3		Administration Data Communication Network (IP Network)					
	1)	Direct construction cost	LS	1	6.2	2.7	8.9
		VAT, 20 %			1.2	0.5	1.8
		sub total a)			7.5	3.2	10.7
	2)	Land Acquisition and Compensation Cost	LS	1	0.0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)	LS	1	0.0	0.5	0.5
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)	LS	1	0.7	0.3	1.1
	5)	Contingency, 10 % of sub total a)	LS	1	0.7	0.3	1.1
		Total cost of Project			9.0	4.4	13.4

Table O.4.6 (10) Financial Cost Estimate for Solid Waste Sector, Phase I (2001-2010)

US\$1.0=T144.0=JY108.0

unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
110-1	Landfill-1 Project						
	1)	Direct construction cost	LS	1	0	17.9	17.9
		VAT, 20 %			0	3.6	3.6
		sub total a)			0	21.5	21.5
	2)	Land Acquisition and Compensation Cost (T200/m2)	ha	15	0	0.2	0.2
	3)	Administration Expenses, 5 % of sub total a)			0	1.1	1.1
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	2.1	2.1
	5)	Contingency, 10 % of sub total a)			0	4.3	4.3
		Total cost of Project			0	29.2	29.2

US\$1.0=T144.0=JY108.0

unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
110-2	Hazardous HSW (Hospital Solid Waste) Incinerator Project (1)						
	1)	Direct construction cost	LS	1	0.8	0.8	1.5
		VAT, 20 %			0.2	0.2	0.3
		sub total a)			0.9	0.9	1.8
	2)	Land Acquisition and Compensation Cost	ha	15	0.0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0.0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0.1	0.1	0.2
	5)	Contingency, 10 % of sub total a)			0.1	0.1	0.4
		Total cost of Project			1.1	1.2	2.4

Table O.4.7 Financial Basis Integrated Investment Cost, Long Term, Phase II (2011-2020)

US\$1.0=T144.0=JY108.0

unit: million

Code No.	Region / Sector		Integrated Cost, Phase II		Total
			FC (US\$)	LC(US\$)	FC(US\$)
10	Urban Development		0.0	3,735.4	3,735.4
	10-1	Central planning region	0.0	498.5	498.5
	10-2	Northern planning region	0.0	308.1	308.1
	10-3	Southeastern planning region	0.0	892.3	892.3
	10-4	Southern planning region	0.0	1,289.6	1,289.6
	10-5	Northwest planning region	0.0	746.9	746.9
	Infrastructures and engineering protection		0.0	1,014.7	1,014.7
20	Transportation		0.0	286.1	286.1
30	Water resources		0.0	0.0	0.0
40	Water supply		0.0	166.3	166.3
50	Sewerage		0.0	128.4	128.4
60	Stormwater drainage		0.0	14.0	14.0
70	Flood protection		0.0	37.2	37.2
80	Electric power and heat energy supply		0.0	261.4	261.4
90	Gas supply		0.0	26.2	26.2
100	Telecommunication		0.0	65.6	65.6
110	Solid waste		0.0	29.4	29.4
200	Grand Total		0.0	4,750.1	4,750.1

FC Foreign currency portion

LC Local currency portion

T Tenge

US\$ United State Dollars

JY Japanese Yen

Table O.4.8 Summary of Financial Cost Estimate, Long Term, Phase II (2011 - 2020) (1/2)

US\$1.0=¥144.0=¥108.0

unit: million

Cost code	Sector / Cost Items	Unit	Quantity	Investment Cost		
				Foreign Currency (US\$)	Local Currency (US\$)	Total, equivalent (US\$)
10	Urban Development	Project's Abbrev.	69,881	0.0	3,735.4	3,735.4
10-1	Central planning region	ha	1,689	0.0	498.5	498.5
10-1-1	Residential district 3	TAPC-1	385	0.0	156.3	156.3
10-1-2	Residential district 4A	TAPC-2	563	0.0	177.5	177.5
10-1-3	Residential district 5	TAPC-3	357	0.0	90.0	90.0
10-1-4	Residential district 6	TAPC-4	384	0.0	74.7	74.7
10-2	Northern planning region	ha	22,614	0.0	308.1	308.1
10-2-1	Northern industrial district	TAPN-1	2,146	0.0	52.6	52.6
10-2-2	Central industrial district	TAPN-2	3,353	0.0	72.7	72.7
10-2-3	Planning district I (high-tech park)	TAPN-3	6,302	0.0	87.5	87.5
10-2-4	Planning district II (high-tech park)	TAPN-4	3,710	0.0	51.5	51.5
10-2-5	Planning district III (high-tech park)	TAPN-5	2,927	0.0	40.7	40.7
10-2-6	Planning district IV (military academy)	TAPN-6	4,176	0.0	0.0	0.0
10-2-7	Planning district IV (services)	TAPN-7		0.0	0.0	0.0
10-2-8	Planning district IV (cargo center)	TAPN-8		0.0	3.1	3.1
10-3	Southeastern planning region	ha	11,270	0.0	892.3	892.3
10-3-1	Residential district 7	TAPSE-1	562	0.0	47.8	47.8
10-3-2	Residential district 8	TAPSE-2	395	0.0	8.3	8.3
10-3-3	Residential district 9	TAPSE-3	552	0.0	10.2	10.2
10-3-4	Residential district 10	TAPSE-4	213	0.0	44.0	44.0
10-3-5	Industrial district - station 40	TAPSE-5	752	0.0	64.0	64.0
10-3-6	Residential district 17	TAPSE-6	715	0.0	165.7	165.7
10-3-7	Residential district 18	TAPSE-7	902	0.0	270.6	270.6
10-3-8	Residential district 19	TAPSE-8	783	0.0	192.7	192.7
10-3-9	Planning district V	TAPSE-9	6,396	0.0	89.0	89.0
10-4	Southern planning region	ha	24,399	0.0	1,289.6	1,289.6
10-4-1	Residential district 11	TAPS-1	1,251	0.0	50.9	50.9
10-4-2	Residential district 12	TAPS-2	668	0.0	15.5	15.5
10-4-3	Residential district 13	TAPS-3	942	0.0	285.5	285.5
10-4-4	Residential district 14	TAPS-4	1,425	0.0	517.2	517.2
10-4-5	Residential district 15	TAPS-5	820	0.0	138.8	138.8
10-4-6	Residential district 16	TAPS-6	933	0.0	231.2	231.2
10-4-7	Planning district VI	TAPS-7	1,885	0.0	13.6	13.6
10-4-8	Planning district VII	TAPS-8		0.0	2.5	2.5
10-4-9	Planning district VII	TAPS-9	3,789	0.0	34.5	34.5
10-4-10	Planning district VII	TAPS-10		0.0	0.0	0.0
10-4-11	Planning district VIII	TAPS-11	12,686	0.0	0.0	0.0
10-5	Northwest planning region	ha	9,909	0.0	746.9	746.9
10-5-1	Residential district 1	TAPNW-1	332	0.0	53.2	53.2
10-5-2	Residential district 2	TAPNW-2	441	0.0	138.3	138.3
10-5-3	West industrial district	TAPNW-3	575	0.0	7.1	7.1
10-5-4	Residential district 4B	TAPNW-4	685	0.0	548.2	548.2
10-5-5	Planning district IX	TAPNW-5	7,876	0.0	0.0	0.0
	Infrastructures and Engineering Protection			0.0	1,014.7	1,014.7
	Project No. and Project's Name					
20	Transportation			0.0	286.1	286.1
20-1	Special Road, sp-1 (arterial road), sp-2, sp-3	LS	1	0.0	10.7	10.7
20-2	Main streets of City importance, Arterial road (a-1 to a-10)	LS	1	0.0	11.9	11.9
20-3	Main streets of City Importance, Primary road (p-1 to p-12)	LS	1	0.0	27.1	27.1
20-4	Main streets of Regional importance, Secondary road (s-1 to s-46)	LS	1	0.0	51.8	51.8
20-5	Streets and Roads of Local Importance, Tertiary (TR1, TR2, TR3)	LS	1	0.0	22.1	22.1
20-6	Trolley Bus Project	LS	1	0.0	0.0	0.0
20-7	Bridge (b-2 to b-24)	LS	1	0.0	10.4	10.4
20-8	Bridge (f-3 to f-15)	LS	1	0.0	6.8	6.8
20-11	LRT(Light Railway Transit), L-2	LS	1	0.0	95.3	95.3
20-13	Terminal, T-4	LS	1	0.0	0.5	0.5
20-18	Traffic management	LS	1	0.0	3.5	3.5
20-22	Railway	LS	1	0.0	46.3	46.3
30	Water Resources			0.0	0.0	0.0
30-1	IKC-Ishim Pipeline project			0.0	0.0	0.0
40	Water Supply			0.0	166.3	166.3
40-5	Water Supply - 2nd Stage	LS	1	0.0	166.3	166.3
50	Sewerage			0.0	128.4	128.4
50-6	Sewerage Treatment Plant Expansion (1)	LS	1	0.0	30.0	30.0
50-7	Sewerage Collection System Expansion (2)	LS	1	0.0	98.4	98.4

Table O.4.8 Summary of Financial Cost Estimate, Long Term, Phase II (2011 - 2020) (2/2)

Cost code	Sector / Cost Items	Unit	Quantity	US\$1.0=TT144.0=JY108.0 unit: million		
				Investment Cost		
				Foreign Currency (US\$)	Local Currency (US\$)	Total, equivalent (US\$)
60	Storm Water Drainage			0.0	14.0	14.0
60-4	Project for Stormwater Drainage Development (District No. 4B, 14, 15, 16, 17, 18, 19, central ind., & station 40)	LS	1	0.0	14.0	14.0
70	Flood Protection			0.0	37.2	37.2
70-5	Ishim River improvement, L= km (New City Center to 2nd ring road, Sarybulak R. to 2nd ring road)	LS	1	0.0	37.2	37.2
80	Electric Power and Heat Energy Supply			0.0	261.4	261.4
80-8	Construction of 110 kV Transmission Line and Substations	LS	1	0.0	20.9	20.9
80-9	Natural Gas Firing Combined Cycle Plant	LS	1	0.0	162.0	162.0
80-10	Construction of Three (3) Heat Centers and Related Pipelines on the Left Bank of Ishim River, HC-4, HC-5, and HC-6	LS	1	0.0	78.5	78.5
90	Gas Supply			0.0	26.2	26.2
90-2	Gas Supply Network Expansion project (1)	LS	1	0.0	26.2	26.2
100	Telecommunication			0.0	65.6	65.6
100-2	Astana New Local Telecommunication Network (2)	LS	1	0.0	65.6	65.6
110	Solid Waste			0.0	29.4	29.4
110-1	Landfill-2 Project (phase 1)	LS	1	0.0	9.6	9.6
110-2	Hazardous HSW Incinerator Project (2)	LS	1	0.0	3.8	3.8
110-3	Waste Collection Vehicle (1)	LS	1	0.0	1.6	1.6
110-4	Pilot Scale MSW Treatment project	LS	1	0.0	14.4	14.4
110-5	NCC (New City Center) Recycling Center project	LS	1	0.0	0.1	0.1
200	Grand Total			0.0	4,750.1	4,750.1

Table O.4.9 (1) Financial Cost Estimate Sheet for Urban Development, Central Planning Region, Phase II (2011-2020)

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-1-1	Residential District 3 (Project TAPC-1)	ha	385			
1)	Direct construction cost					
a	Residential	1,000 m2	146	0	43.9	43.9
b	Office	1,000 m2	164	0	49.2	49.2
c	Commercial	1,000 m2	3	0	0.7	0.7
	sub total a)			0	93.8	93.8
d	Land preparation, 2 % of sub total a)	LS	1	0	1.9	1.9
e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	4.7	4.7
f	Park and greenery, 3 % of sub total a)	LS	1	0	2.8	2.8
	sub total b)			0	103.2	103.2
	VAT, 20 % of sub total b)			0	20.6	20.6
	sub total c)			0	123.8	123.8
2)	Land Acquisition and Compensation Cost (T400/m2)			0	10.7	10.7
3)	Administration Expenses, 5 % of sub total b)			0	4.7	4.7
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	4.7	4.7
5)	Contingency, 10 % of sub total c)			0	12.4	12.4
	Total cost of Project TAPC-1			0	156.3	156.3

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-1-2	Residential District 4A (Project TAPC-2)	ha	563			
1)	Direct construction cost					
a	Residential	1,000 m2	153	0	45.8	45.8
b	Office	1,000 m2	191	0	57.3	57.3
c	Commercial	1,000 m2	3	0	0.5	0.5
	sub total a)			0	103.6	103.6
d	Land preparation, 2 % of sub total a)	LS	1	0	2.1	2.1
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	5.2	5.2
f	Park and greenery, 3 % of sub total a)	LS	1	0	3.1	3.1
	sub total b)			0	114.0	114.0
	VAT, 20 % of sub total b)			0	22.8	22.8
	sub total c)			0	136.8	136.8
2)	Land Acquisition and Compensation Cost (T400/m2)			0	15.6	15.6
3)	Administration Expenses, 5 % of sub total b)			0	5.7	5.7
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	5.7	5.7
5)	Contingency, 10 % of sub total c)			0	13.7	13.7
	Total cost of Project TAPC-2			0	177.5	177.5

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-1-3	Residential District 5 (Project TAPC-3)	ha	357			
1)	Direct construction cost					
a	Residential	1,000 m2	154	0	46.1	46.1
b	Office	1,000 m2	16	0	4.7	4.7
c	Commercial	1,000 m2	3	0	0.5	0.5
	sub total a)			0	51.3	51.3
d	Land preparation, 2 % of sub total a)	LS	1	0	1.0	1.0
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	2.6	2.6
f	Park and greenery, 3 % of sub total a)	LS	1	0	1.5	1.5
	sub total b)			0	56.4	56.4
	VAT, 20 % of sub total b)			0	11.3	11.3
	sub total c)			0	67.7	67.7
2)	Land Acquisition and Compensation Cost (T400/m2)			0	9.9	9.9
3)	Administration Expenses, 5 % of sub total b)			0	2.8	2.8
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	2.8	2.8
5)	Contingency, 10 % of sub total c)			0	6.8	6.8
	Total cost of Project TAPC-3			0	90.0	90.0

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-1-4	Residential District 6 (Project TAPC-4)	ha	384			
1)	Direct construction cost					
a	Residential	1,000 m2	121	0	36.4	36.4
b	Office	1,000 m2	14	0	4.1	4.1
c	Commercial	1,000 m2	3	0	0.5	0.5
	sub total a)			0	41.0	41.0
d	Land preparation, 2 % of sub total a)	LS	1	0	0.8	0.8
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	2.1	2.1
f	Park and greenery, 3 % of sub total a)	LS	1	0	1.2	1.2
	sub total b)			0	45.1	45.1
	VAT, 20 % of sub total b)			0	9.0	9.0
	sub total c)			0	54.1	54.1
2)	Land Acquisition and Compensation Cost (T400/m2)			0	10.7	10.7
3)	Administration Expenses, 5 % of sub total b)			0	2.3	2.3
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	2.3	2.3
5)	Contingency, 10 % of sub total c)			0	5.4	5.4
	Total cost of Project TAPC-4			0	74.7	74.7

Table O.4.9 (2) Financial Cost Estimate Sheet for Urban Development, Northern Planning Region, Phase II (2011 - 2020) (1/2)

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-2-1		Northern Industrial District (Project TAPN-1)	ha	2,146			
	1)	Direct construction cost					
	a	Residential	m2	0	0	0.0	0.0
	b	Office	m2	48	0	14.5	14.5
	c	Commercial	m2	1	0	0.1	0.1
		sub total a)			0	14.6	14.6
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.3	0.3
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.7	0.7
	f	Park and greenery, 3 % of sub total a)	LS	1	0	0.4	0.4
		sub total b)			0	16.1	16.1
		VAT, 20 % of sub total b)			0	3.2	3.2
		sub total c)			0	19.3	19.3
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	29.8	29.8
	3)	Administration Expenses, 5 % of sub total b)			0	0.8	0.8
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.8	0.8
	5)	Contingency, 10 % of sub total c)			0	1.9	1.9
		Total cost of Project TAPN-1			0	52.6	52.6

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-2-2		Central Industrial District (Project TAPN-2)	ha	3,353			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	55	0	16.6	16.6
	c	Commercial	1,000 m2	1	0	0.1	0.1
		sub total a)			0	16.7	16.7
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.3	0.3
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.8	0.8
	f	Park and greenery, 3 % of sub total a)	LS	1	0	0.5	0.5
		sub total b)			0	18.4	18.4
		VAT, 20 % of sub total b)			0	3.7	3.7
		sub total c)			0	22.0	22.0
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	46.6	46.6
	3)	Administration Expenses, 5 % of sub total b)			0	0.9	0.9
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.9	0.9
	5)	Contingency, 10 % of sub total c)			0	2.2	2.2
		Total cost of Project TAPN-2			0	72.7	72.7

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-2-3		Planning District I, high-tech park (Project TAPN-3)	ha	6,302			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0	0.0
	b	Office	1,000 m2	0	0	0	0.0
	c	Commercial	1,000 m2	0	0	0	0.0
		sub total a)			0	0	0.0
	d	Land preparation, 2 % of sub total a)	LS	1	0	to be assumed	0.0
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	to be assumed	0.0
	f	Park and greenery, 3 % of sub total a)	LS	1	0	to be assumed	0.0
		sub total b)			0		0.0
		VAT, 20 % of sub total b)			0		0.0
		sub total c)			0		0.0
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	87.5	87.5
	3)	Administration Expenses, 5 % of sub total b)			0		0.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		0.0
	5)	Contingency, 10 % of sub total c)			0		0.0
		Total cost of Project TAPN-3			0	87.5	87.5

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-2-4		Planning District II, high-tech park (Project TAPN-4)	ha	3,710			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0	0.0
	b	Office	1,000 m2	0	0	0	0.0
	c	Commercial	1,000 m2	0	0	0	0.0
		sub total a)			0	0	0.0
	d	Land preparation, 2 % of sub total a)	LS	1	0	to be assumed	0.0
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	to be assumed	0.0
	f	Park and greenery, 3 % of sub total a)	LS	1	0	to be assumed	0.0
		sub total b)			0		0.0
		VAT, 20 % of sub total b)			0		0.0
		sub total c)			0		0.0
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	51.5	51.5
	3)	Administration Expenses, 5 % of sub total b)			0		0.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		0.0
	5)	Contingency, 10 % of sub total c)			0		0.0
		Total cost of Project TAPN-4			0	51.5	51.5

Table O.4.9 (2) Financial Cost Estimate Sheet for Urban Development, Northern Planning Region, Phase II (2011 - 2020) (2/2)

US\$1.0=T144.0=JY108.0

unit: million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-2-5	Planning District III, high-tech park (Project TAPN-5)	ha	2,927			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0	0.0
	b Office	1,000 m2	0	0	0	0.0
	c Commercial	1,000 m2	0	0	0	0.0
	sub total a)			0	0	0.0
	d Land preparation, 2 % of sub total a)	LS	1	0	to be assumed	0.0
	e Infrastructures internal district, 5 % of sub total a)	LS	1	0	to be assumed	0.0
	f Park and greenery, 3 % of sub total a)	LS	1	0	to be assumed	0.0
	sub total b)			0		0.0
	VAT, 20 % of sub total b)			0		0.0
	sub total c)			0		0.0
2)	Land Acquisition and Compensation Cost (T200/m2)			0	40.7	40.7
3)	Administration Expenses, 5 % of sub total b)			0		0.0
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		0.0
5)	Contingency, 10 % of sub total c)			0		0.0
	Total cost of Project TAPN-5			0	40.7	40.7

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-2-6	Planning District IV, military academy (Project TAPN-6)	ha	4,176			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0	0.0
	b Office	1,000 m2	0	0	0	0.0
	c Commercial	1,000 m2	0	0	0	0.0
	sub total a)			0	0	0.0
	d Land preparation, 2 % of sub total a)	LS	1	0	to be assumed	
	e Infrastructures internal district 3, 5 % of sub total a)	LS	1	0	to be assumed	
	f Park and greenery, 3 % of sub total a)	LS	1	0	to be assumed	
	sub total b)			0		0.0
	VAT, 20 % of sub total b)			0		0.0
	sub total c)			0		0.0
2)	Land Acquisition and Compensation Cost (T200/m2)			0		0.0
3)	Administration Expenses, 5 % of sub total b)			0		0.0
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		0.0
5)	Contingency, 10 % of sub total c)			0		0.0
	Total cost of Project TAPN-6			0		0.0

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-2-7	Planning District IV, services (Project TAPN-7)	ha	?			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0	0.0
	b Office	1,000 m2	0	0	0	0.0
	c Commercial	1,000 m2	0	0	0	0.0
	sub total a)			0	0	0.0
	d Land preparation, 2 % of sub total a)	LS	1	0	to be assumed	0.0
	e Infrastructures internal district, 5 % of sub total a)	LS	1	0	to be assumed	0.0
	f Park and greenery, 3 % of sub total a)	LS	1	0	to be assumed	0.0
	sub total b)			0		0.0
	VAT, 20 % of sub total b)			0		0.0
	sub total c)			0		0.0
2)	Land Acquisition and Compensation Cost (T200/m2)			0		0.0
3)	Administration Expenses, 5 % of sub total b)			0		0.0
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		0.0
5)	Contingency, 10 % of sub total c)			0		0.0
	Total cost of Project TAPN-7			0		0.0

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-2-8	Planning District IV, cargo center (Project TAPN-8)	ha	?			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0.0	0.0
	b Office	1,000 m2	7	0	2.0	2.0
	c Commercial	1,000 m2	0	0	0.0	0.0
	sub total a)			0	2.0	2.0
	d Land preparation, 2 % of sub total a)	LS	1	0	0.0	0.0
	e Infrastructures internal district 3, 5 % of sub total a)	LS	1	0	0.1	0.1
	f Park and greenery, 3 % of sub total a)	LS	1	0	0.1	0.1
	sub total b)			0	2.2	2.2
	VAT, 20 % of sub total b)			0	0.4	0.4
	sub total c)			0	2.6	2.6
2)	Land Acquisition and Compensation Cost (T200/m2)			0	0.0	0.0
3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
5)	Contingency, 10 % of sub total c)			0	0.3	0.3
	Total cost of Project TAPN-8			0	3.1	3.1

Table O.4.9 (3) Financial Cost Estimate Sheet for Urban Development, Southeastern Planning Region, Phase II (2011 - 2020) (1/3)

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-3-1	Residential District 7 (Project TAPSE-1)	ha	562			
1)	Direct construction cost					
a	Residential	1,000 m2	66	0	19.8	19.8
b	Office	1,000 m2	17	0	5.2	5.2
c	Commercial	1,000 m2	3	0	0.6	0.6
	sub total a)			0	25.6	25.6
d	Land preparation, 2 % of sub total a)	LS	1	0	0.5	0.5
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	1.3	1.3
f	Park and greenery, 3 % of sub total a)	LS	1	0	0.8	0.8
	sub total b)			0	28.2	28.2
	VAT, 20 % of sub total b)			0	5.6	5.6
	sub total c)			0	33.8	33.8
2)	Land Acquisition and Compensation Cost (T200/m2)			0	7.8	7.8
3)	Administration Expenses, 5 % of sub total b)			0	1.4	1.4
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	1.4	1.4
5)	Contingency, 10 % of sub total c)			0	3.4	3.4
	Total cost of Project TAPSE-1			0	47.8	47.8

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-3-2	Residential District 8 (Project TAPSE-2)	ha	395			
1)	Direct construction cost					
a	Residential	1,000 m2	0	0	0.0	0.0
b	Office	1,000 m2	5	0	1.6	1.6
c	Commercial	1,000 m2	1	0	0.2	0.2
	sub total a)			0	1.8	1.8
d	Land preparation, 2 % of sub total a)	LS	1	0	0.0	0.0
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.1	0.1
f	Park and greenery, 3 % of sub total a)	LS	1	0	0.1	0.1
	sub total b)			0	2.0	2.0
	VAT, 20 % of sub total b)			0	0.4	0.4
	sub total c)			0	2.4	2.4
2)	Land Acquisition and Compensation Cost (T200/m2)			0	5.5	5.5
3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
5)	Contingency, 10 % of sub total c)			0	0.2	0.2
	Total cost of Project TAPSE-2			0	8.3	8.3

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-3-3	Residential District 9 (Project TAPSE-3)	ha	552			
1)	Direct construction cost					
a	Residential	1,000 m2	0	0	0.0	0.0
b	Office	1,000 m2	5	0	1.5	1.5
c	Commercial	1,000 m2	1	0	0.1	0.1
	sub total a)			0	1.6	1.6
d	Land preparation, 2 % of sub total a)	LS	1	0	0.0	0.0
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.1	0.1
f	Park and greenery, 3 % of sub total a)	LS	1	0	0.0	0.0
	sub total b)			0	1.8	1.8
	VAT, 20 % of sub total b)			0	0.4	0.4
	sub total c)			0	2.1	2.1
2)	Land Acquisition and Compensation Cost (T200/m2)			0	7.7	7.7
3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
5)	Contingency, 10 % of sub total c)			0	0.2	0.2
	Total cost of Project TAPSE-3			0	10.2	10.2

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-3-4	Residential District 10 (Project TAPSE-4)	ha	213			
1)	Direct construction cost					
a	Residential	1,000 m2	114	0	22.9	22.9
b	Office	1,000 m2	11	0	3.2	3.2
c	Commercial	1,000 m2	1	0	0.2	0.2
	sub total a)			0	26.3	26.3
d	Land preparation, 2 % of sub total a)	LS	1	0	0.5	0.5
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	1.3	1.3
f	Park and greenery, 3 % of sub total a)	LS	1	0	0.8	0.8
	sub total b)			0	28.9	28.9
	VAT, 20 % of sub total b)			0	5.8	5.8
	sub total c)			0	34.7	34.7
2)	Land Acquisition and Compensation Cost (T200/m2)			0	3.0	3.0
3)	Administration Expenses, 5 % of sub total b)			0	1.4	1.4
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	1.4	1.4
5)	Contingency, 10 % of sub total c)			0	3.5	3.5
	Total cost of Project TAPSE-4			0	44.0	44.0

Table O.4.9 (3) Financial Cost Estimate Sheet for Urban Development, Southeastern Planning Region, Phase II (2011 - 2020) (2/3)

US\$1.0=TT44.0=FY108.0 unit: million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-3-5		Industrial District, Station 40 (Project TAPSE-5)	ha	752			
	1)	Direct construction cost					
	a	Residential	1,000 m2	166	0	33.2	33.2
	b	Office	1,000 m2	4	0	1.1	1.1
	c	Commercial	1,000 m2	0	0	0.0	0.0
		sub total a)			0	34.3	34.3
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.7	0.7
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	1.7	1.7
	f	Park and greenery, 3 % of sub total a)	LS	1	0	1.0	1.0
		sub total b)			0	37.7	37.7
		VAT, 20 % of sub total b)			0	7.5	7.5
		sub total c)			0	45.3	45.3
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	10.4	10.4
	3)	Administration Expenses, 5 % of sub total b)			0	1.9	1.9
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	1.9	1.9
	5)	Contingency, 10 % of sub total c)			0	4.5	4.5
		Total cost of Project TAPSE-5			0	64.0	64.0

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-3-6		Residential District 17 (Project TAPSE-6)	ha	715			
	1)	Direct construction cost					
	a	Residential	1,000 m2	223	0	89.6	89.6
	b	Office	1,000 m2	29	0	8.8	8.8
	c	Commercial	1,000 m2	6	0	1.3	1.3
		sub total a)			0	99.7	99.7
	d	Land preparation, 2 % of sub total a)	LS	1	0	2.0	2.0
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	5.0	5.0
	f	Park and greenery, 3 % of sub total a)	LS	1	0	3.0	3.0
		sub total b)			0	109.7	109.7
		VAT, 20 % of sub total b)			0	21.9	21.9
		sub total c)			0	131.6	131.6
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	9.9	9.9
	3)	Administration Expenses, 5 % of sub total b)			0	5.5	5.5
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	5.5	5.5
	5)	Contingency, 10 % of sub total c)			0	13.2	13.2
		Total cost of Project TAPSE-6			0	165.7	165.7

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-3-7		Residential District 18 (Project TAPSE-7)	ha	902			
	1)	Direct construction cost					
	a	Residential	1,000 m2	625	0	147.1	147.1
	b	Office	1,000 m2	53	0	15.8	15.8
	c	Commercial	1,000 m2	11	0	2.3	2.3
		sub total a)			0	165.2	165.2
	d	Land preparation, 2 % of sub total a)	LS	1	0	3.3	3.3
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	8.3	8.3
	f	Park and greenery, 3 % of sub total a)	LS	1	0	5.0	5.0
		sub total b)			0	181.7	181.7
		VAT, 20 % of sub total b)			0	36.3	36.3
		sub total c)			0	218.1	218.1
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	12.5	12.5
	3)	Administration Expenses, 5 % of sub total b)			0	9.1	9.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	9.1	9.1
	5)	Contingency, 10 % of sub total c)			0	21.8	21.8
		Total cost of Project TAPSE-7			0	270.6	270.6

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-3-8		Residential District 19 (Project TAPSE-8)	ha	783			
	1)	Direct construction cost					
	a	Residential	1,000 m2	394	0	105.0	105.0
	b	Office	1,000 m2	33	0	10.0	10.0
	c	Commercial	1,000 m2	7	0	1.4	1.4
		sub total a)			0	116.4	116.4
	d	Land preparation, 2 % of sub total a)	LS	1	0	2.3	2.3
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	5.8	5.8
	f	Park and greenery, 3 % of sub total a)	LS	1	0	3.5	3.5
		sub total b)			0	128.0	128.0
		VAT, 20 % of sub total b)			0	25.6	25.6
		sub total c)			0	153.6	153.6
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	10.9	10.9
	3)	Administration Expenses, 5 % of sub total b)			0	6.4	6.4
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	6.4	6.4
	5)	Contingency, 10 % of sub total c)			0	15.4	15.4
		Total cost of Project TAPSE-8			0	192.7	192.7

Table O.4.9 (3) Financial Cost Estimate Sheet for Urban Development, Southeastern Planning Region, Phase II (2011 - 2020) (3/3)

					US\$1.0=T144.0=JY108.0 unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-3-9		Planning District V (Project TAPSE-9)	ha	6,396			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	1	0	0.1	0.1
	c	Commercial	1,000 m2	0	0	0.0	0.0
		sub total a)			0	0.1	0.1
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.0	0.0
	f	Park and greenery, 3 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	0.1	0.1
		VAT, 20 % of sub total b)			0	0.0	0.0
		sub total c)			0	0.2	0.2
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	88.8	88.8
	3)	Administration Expenses, 5 % of sub total b)			0	0.0	0.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.0	0.0
	5)	Contingency, 10 % of sub total c)			0	0.0	0.0
		Total cost of Project TAPSE-9			0	89.0	89.0

Table O.4.9 (4) Financial Cost Estimate Sheet for Urban Development, Southern Planning Region, Phase II (2011 - 2020) (1/3)

US\$1.0=T144.0=JY108.0 unit: million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-1		Residential District 11 (Project TAPS-1)	ha	1,251			
	1)	Direct construction cost					
	a	Residential	1,000 m2	69	0	13.8	13.8
	b	Office	1,000 m2	7	0	2.0	2.0
	c	Commercial	1,000 m2	1	0	0.1	0.1
		sub total a)			0	15.9	15.9
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.3	0.3
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.8	0.8
	f	Park and greenery, 3 % of sub total a)	LS	1	0	0.5	0.5
		sub total b)			0	17.5	17.5
		VAT, 20 % of sub total b)			0	3.5	3.5
		sub total c)			0	21.0	21.0
	2)	Land Acquisition and Compensation Cost (T300/m2)			0	26.1	26.1
	3)	Administration Expenses, 5 % of sub total b)			0	0.9	0.9
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.9	0.9
	5)	Contingency, 10 % of sub total c)			0	2.1	2.1
		Total cost of Project TAPS-1			0	50.9	50.9

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-2		Residential District 12 (Project TAPS-2)	ha	668			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	3	0	0.9	0.9
	c	Commercial	1,000 m2	1	0	0.1	0.1
		sub total a)			0	1.0	1.0
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.1	0.1
	f	Park and greenery, 3 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	1.1	1.1
		VAT, 20 % of sub total b)			0	0.2	0.2
		sub total c)			0	1.4	1.4
	2)	Land Acquisition and Compensation Cost (T300/m2)			0	13.9	13.9
	3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
	5)	Contingency, 10 % of sub total c)			0	0.1	0.1
		Total cost of Project TAPS-2			0	15.5	15.5

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-3		Residential District 13 (Project TAPS-3)	ha	942			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	397	0	158.8	158.8
	c	Commercial	1,000 m2	57	0	11.4	11.4
		sub total a)			0	170.2	170.2
	d	Land preparation, 2 % of sub total a)	LS	1	0	3.4	3.4
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	8.5	8.5
	f	Park and greenery, 3 % of sub total a)	LS	1	0	5.1	5.1
		sub total b)			0	187.2	187.2
		VAT, 20 % of sub total b)			0	37.4	37.4
		sub total c)			0	224.7	224.7
	2)	Land Acquisition and Compensation Cost (T300/m2)			0	19.6	19.6
	3)	Administration Expenses, 5 % of sub total b)			0	9.4	9.4
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	9.4	9.4
	5)	Contingency, 10 % of sub total c)			0	22.5	22.5
		Total cost of Project TAPS-3			0	285.5	285.5

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-4		Residential District 14 (Project TAPS-4)	ha	1,425			
	1)	Direct construction cost					
	a	Residential	1,000 m2	374	0	168.1	168.1
	b	Office	1,000 m2	348	0	139.2	139.2
	c	Commercial	1,000 m2	24	0	4.8	4.8
		sub total a)			0	312.1	312.1
	d	Land preparation, 2 % of sub total a)	LS	1	0	6.2	6.2
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	15.6	15.6
	f	Park and greenery, 3 % of sub total a)	LS	1	0	9.4	9.4
		sub total b)			0	343.3	343.3
		VAT, 20 % of sub total b)			0	68.7	68.7
		sub total c)			0	412.0	412.0
	2)	Land Acquisition and Compensation Cost (T300/m2)			0	29.7	29.7
	3)	Administration Expenses, 5 % of sub total b)			0	17.2	17.2
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	17.2	17.2
	5)	Contingency, 10 % of sub total c)			0	41.2	41.2
		Total cost of Project TAPS-4			0	517.2	517.2

Table O.4.9 (4) Financial Cost Estimate Sheet for Urban Development, Southern Planning Region, Phase II (2011 - 2020) (2/3)

US\$1.0=T144.0=JY108.0 unit: million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-5		Residential District 15 (Project TAPS-5)	ha	820			
	1)	Direct construction cost					
	a	Residential	1,000 m2	340	0	68.1	68.1
	b	Office	1,000 m2	29	0	8.6	8.6
	c	Commercial	1,000 m2	6	0	1.2	1.2
		sub total a)			0	77.9	77.9
	d	Land preparation, 2 % of sub total a)	LS	1	0	1.6	1.6
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	3.9	3.9
	f	Park and greenery, 3 % of sub total a)	LS	1	0	2.3	2.3
		sub total b)			0	85.7	85.7
		VAT, 20 % of sub total b)			0	17.1	17.1
		sub total c)			0	102.8	102.8
	2)	Land Acquisition and Compensation Cost (T300/m2)			0	17.1	17.1
	3)	Administration Expenses, 5 % of sub total b)			0	4.3	4.3
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	4.3	4.3
	5)	Contingency, 10 % of sub total c)			0	10.3	10.3
		Total cost of Project TAPS-5			0	138.8	138.8

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-6		Residential District 16 (Project TAPS-6)	ha	933			
	1)	Direct construction cost					
	a	Residential	1,000 m2	440	0	122.8	122.8
	b	Office	1,000 m2	37	0	11.2	11.2
	c	Commercial	1,000 m2	8	0	1.6	1.6
		sub total a)			0	135.6	135.6
	d	Land preparation, 2 % of sub total a)	LS	1	0	2.7	2.7
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	6.8	6.8
	f	Park and greenery, 3 % of sub total a)	LS	1	0	4.1	4.1
		sub total b)			0	149.2	149.2
		VAT, 20 % of sub total b)			0	29.8	29.8
		sub total c)			0	179.0	179.0
	2)	Land Acquisition and Compensation Cost (T300/m2)			0	19.4	19.4
	3)	Administration Expenses, 5 % of sub total b)			0	7.5	7.5
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	7.5	7.5
	5)	Contingency, 10 % of sub total c)			0	17.9	17.9
		Total cost of Project TAPSE-6			0	231.2	231.2

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-7		Planning District VI, new airport city (Project TAPS-7)	ha	1,885			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	1	0	0.3	0.3
	c	Commercial	1,000 m2	0	0	0.0	0.0
		sub total a)			0	0.3	0.3
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.0	0.0
	f	Park and greenery, 3 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	0.3	0.3
		VAT, 20 % of sub total b)			0	0.1	0.1
		sub total c)			0	0.4	0.4
	2)	Land Acquisition and Compensation Cost (T100/m2)			0	13.1	13.1
	3)	Administration Expenses, 5 % of sub total b)			0	0.0	0.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.0	0.0
	5)	Contingency, 10 % of sub total c)			0	0.0	0.0
		Total cost of Project TAPS-7			0	13.6	13.6

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-8		Planning District VII, sports city (Project TAPS-8)	ha	?			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	5	0	1.6	1.6
	c	Commercial	1,000 m2	0	0	0.0	0.0
		sub total a)			0	1.6	1.6
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.1	0.1
	f	Park and greenery, 3 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	1.8	1.8
		VAT, 20 % of sub total b)			0	0.4	0.4
		sub total c)			0	2.1	2.1
	2)	Land Acquisition and Compensation Cost (T100/m2)			0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
	5)	Contingency, 10 % of sub total c)			0	0.2	0.2
		Total cost of Project TAPSE-8			0	2.5	2.5

Table O.4.9 (4) Financial Cost Estimate Sheet for Urban Development, Southern Planning Region, Phase II (2011 - 2020) (3/3)

US\$1.0=T144.0=JY108.0 unit: million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-4-9	Planning District VII, university (Project TAPS-9)	ha	3,789			
1)	Direct construction cost					
a	Residential	1,000 m2	0	0	0.0	0.0
b	Office	1,000 m2	17	0	5.2	5.2
c	Commercial	1,000 m2	0	0	0.0	0.0
	sub total a)			0	5.2	5.2
d	Land preparation, 2 % of sub total a)	LS	1	0	0.1	0.1
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.3	0.3
f	Park and greenery, 3 % of sub total a)	LS	1	0	0.2	0.2
	sub total b)			0	5.7	5.7
	VAT, 20 % of sub total b)			0	1.1	1.1
	sub total c)			0	6.9	6.9
2)	Land Acquisition and Compensation Cost (T100/m2)			0	26.3	26.3
3)	Administration Expenses, 5 % of sub total b)			0	0.3	0.3
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.3	0.3
5)	Contingency, 10 % of sub total c)			0	0.7	0.7
	Total cost of Project TAPS-9			0	34.5	34.5

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-4-1	Planning District VII, international exhibition (Project TAPS-10)	ha	7			
1)	Direct construction cost					
a	Residential	1,000 m2	0	0	0	0.0
b	Office	1,000 m2	0	0	0	0.0
c	Commercial	1,000 m2	0	0	0	0.0
	sub total a)			0	0	0.0
d	Land preparation, 2 % of sub total a)	LS	1	0	to be assumed	0.0
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	to be assumed	0.0
f	Park and greenery, 3 % of sub total a)	LS	1	0	to be assumed	0.0
	sub total b)			0		0.0
	VAT, 20 % of sub total b)			0		0.0
	sub total c)			0		0.0
2)	Land Acquisition and Compensation Cost (T100/m2)			0		0.0
3)	Administration Expenses, 5 % of sub total b)			0		0.0
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		0.0
5)	Contingency, 10 % of sub total c)			0		0.0
	Total cost of Project TAPS-10			0		0.0

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-4-1	Planning District VIII (Project TAPS-11)	ha	12,686			
1)	Direct construction cost					
a	Residential	1,000 m2	0	0	0	0.0
b	Office	1,000 m2	0	0	0	0.0
c	Commercial	1,000 m2	0	0	0	0.0
	sub total a)			0	0	0.0
d	Land preparation, 2 % of sub total a)	LS	1	0	to be assumed	0.0
e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	to be assumed	0.0
f	Park and greenery, 3 % of sub total a)	LS	1	0	to be assumed	0.0
	sub total b)			0		0.0
	VAT, 20 % of sub total b)			0		0.0
	sub total c)			0		0.0
2)	Land Acquisition and Compensation Cost (T100/m2)			0		0.0
3)	Administration Expenses, 5 % of sub total b)			0		0.0
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		0.0
5)	Contingency, 10 % of sub total c)			0		0.0
	Total cost of Project TAPS-11			0		0.0

Table O.4.9 (5) Financial Cost Estimate Sheet for Urban Development, Northwestern Planning Region, Phase II (2011 - 2020) (1/2)

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-1		Residential District 1 (Project TAPNW-1)	ha	332			
	1)	Direct construction cost					
	a	Residential	1,000 m2	99	0	28.2	28.2
	b	Office	1,000 m2	9	0	2.7	2.7
	c	Commercial	1,000 m2	1	0	0.2	0.2
		sub total a)			0	31.1	31.1
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.6	0.6
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	1.6	1.6
	f	Park and greenery, 3 % of sub total a)	LS	1	0	0.9	0.9
		sub total b)			0	34.2	34.2
		VAT, 20 % of sub total b)			0	6.8	6.8
		sub total c)			0	41.1	41.1
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	4.6	4.6
	3)	Administration Expenses, 5 % of sub total b)			0	1.7	1.7
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	1.7	1.7
	5)	Contingency, 10 % of sub total c)			0	4.1	4.1
		Total cost of Project TAPNW-1			0	53.2	53.2

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-2		Residential District 2 (Project TAPNW-2)	ha	441			
	1)	Direct construction cost					
	a	Residential	1,000 m2	266	0	79.8	79.8
	b	Office	1,000 m2	20	0	6.0	6.0
	c	Commercial	1,000 m2	4	0	0.8	0.8
		sub total a)			0	86.6	86.6
	d	Land preparation, 2 % of sub total a)	LS	1	0	1.7	1.7
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	4.3	4.3
	f	Park and greenery, 3 % of sub total a)	LS	1	0	2.6	2.6
		sub total b)			0	95.3	95.3
		VAT, 20 % of sub total b)			0	19.1	19.1
		sub total c)			0	114.3	114.3
	2)	Land Acquisition and Compensation Cost (T100/m2)			0	3.1	3.1
	3)	Administration Expenses, 5 % of sub total b)			0	4.8	4.8
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	4.8	4.8
	5)	Contingency, 10 % of sub total c)			0	11.4	11.4
		Total cost of Project TAPNW-2			0	138.3	138.3

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-3		West Industrial District (Project TAPNW-3)	ha	575			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	7	0	2.0	2.0
	c	Commercial	1,000 m2	0	0	0.0	0.0
		sub total a)			0	2.0	2.0
	d	Land preparation, 2 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	0.1	0.1
	f	Park and greenery, 3 % of sub total a)	LS	1	0	0.1	0.1
		sub total b)			0	2.2	2.2
		VAT, 20 % of sub total b)			0	0.4	0.4
		sub total c)			0	2.6	2.6
	2)	Land Acquisition and Compensation Cost (T100/m2)			0	4.0	4.0
	3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
	5)	Contingency, 10 % of sub total c)			0	0.3	0.3
		Total cost of Project TAPNW-3			0	7.1	7.1

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-4		Residential District 4B (Project TAPNW-4)	ha	685			
	1)	Direct construction cost					
	a	Residential	1,000 m2	931	0	317.6	317.6
	b	Office	1,000 m2	79	0	23.8	23.8
	c	Commercial	1,000 m2	18	0	3.5	3.5
		sub total a)			0	344.9	344.9
	d	Land preparation, 2 % of sub total a)	LS	1	0	6.9	6.9
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	17.2	17.2
	f	Park and greenery, 3 % of sub total a)	LS	1	0	10.3	10.3
		sub total b)			0	379.4	379.4
		VAT, 20 % of sub total b)			0	75.9	75.9
		sub total c)			0	455.3	455.3
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	9.5	9.5
	3)	Administration Expenses, 5 % of sub total b)			0	19.0	19.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	19.0	19.0
	5)	Contingency, 10 % of sub total c)			0	45.5	45.5
		Total cost of Project TAPNW-4			0	548.2	548.2

Table O.4.9 (5) Financial Cost Estimate Sheet for Urban Development, Northwestern Planning Region, Phase II (2011 - 2020) (2/2)

Table 02.4.2 (5) Financial Cost Data

US\$1.0=TT144.0=JY108.0

unit: million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-5		Planning District IX (Project TAPNW-5)	ha	7,876			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0	0.0
	b	Office	1,000 m2	0	0	0	0.0
	c	Commercial	1,000 m2	0	0	0	0.0
		sub total a)			0	0	0.0
	d	Land preparation, 2 % of sub total a)	LS	1	0	to be assumed	
	e	Infrastructures internal district, 5 % of sub total a)	LS	1	0	to be assumed	
	f	Park and greenery, 3 % of sub total a)	LS	1	0	to be assumed	
		sub total b)			0		
		VAT, 20 % of sub total b)			0		
		sub total c)			0		
	2)	Land Acquisition and Compensation Cost (T100/m2)			0		
	3)	Administration Expenses, 5 % of sub total b)			0		
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		
	5)	Contingency, 10 % of sub total c)			0		
		Total cost of Project TAPNW-5			0		

Table O.4.10 (1) Financial Cost Estimate Sheet for Transportation Sector, Phase II (2011 - 2020) (1/2)

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-1	Special Road, sp-1 (arterial road), sp-2, sp-3						
	1)	Direct construction cost	LS	1	0	7.0	7.0
		VAT, 20 %			0	1.4	1.4
		sub total a)			0	8.4	8.4
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	280,000	0	0.2	0.2
	3)	Administration Expenses, 5 % of sub total a)			0	0.4	0.4
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.8	0.8
	5)	Contingency, 10 % of sub total a)			0	0.8	0.8
		Total cost of Project A			0	10.7	10.7

				US\$1.0=T144.0=JY108.0		unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
20-2		Main streets of City importance, Arterial road (a-1 to a-10)						
	1)	Direct construction cost	LS	1	0	7.4	7.4	
		VAT, 20 %			0	1.5	1.5	
		sub total a)			0	8.9	8.9	
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	1,185,600	0	0.8	0.8
	3)	Administration Expenses, 5 % of sub total a)				0	0.4	0.4
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)				0	0.9	0.9
	5)	Contingency, 10 % of sub total a)				0	0.9	0.9
		Total cost of Project A				0	11.9	11.9

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-3	Main streets of City Importance, Primary road (p-1 to p-12)						
	1)	Direct construction cost	LS	1	0	17.7	17.7
		VAT, 20 %			0	3.5	3.5
		sub total a)			0	21.2	21.2
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	723,800	0	0.5	0.5
	3)	Administration Expenses, 5 % of sub total a)			0	1.1	1.1
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	2.1	2.1
	5)	Contingency, 10 % of sub total a)			0	2.1	2.1
		Total cost of Project A			0	27.1	27.1

				US\$1.0=T144.0=JY108.0		unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
20-4	Main streets of Regional importance, Secondary road (s-1 to s-46)							
	1)	Direct construction cost	LS	1	0	34.3	34.3	
		VAT, 20 %			0	6.9	6.9	
		sub total a)			0	41.2	41.2	
	2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	442,000	0	0.3	0.3
	3)	Administration Expenses, 5 % of sub total a)				0	2.1	2.1
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)				0	4.1	4.1
	5)	Contingency, 10 % of sub total a)				0	4.1	4.1
		Total cost of Project A				0	51.8	51.8

				US\$1.0=T144.0=JY108.0		unit:million		
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
20-5	Streets and Roads of Local Importance, Tertiary (TR1, TR2, TR3)							
1)	Direct construction cost		LS	1	0	14.4	14.4	
		VAT, 20 %			0	2.9	2.9	
		sub total a)			0	17.3	17.3	
2)	Land Acquisition and Compensation Cost		(T100/m2)	m2	720,000	0	0.5	0.5
3)	Administration Expenses, 5 % of sub total a)					0	0.9	0.9
4)	Engineering Services Cost w/VAT, 10 % of sub total a)					0	1.7	1.7
5)	Contingency, 10 % of sub total a)					0	1.7	1.7
	Total cost of Project A					0	22.1	22.1

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
20-6	Trolley Bus Project						
	1)	Direct construction cost	LS	1	0	0	0.0
		VAT, 20 %			0	0	0.0
		sub total a)			0	0	0.0
	2)	Land Acquisition and Compensation Cost	(T100/m2)		0	0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0	0.0
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0	0.0
	5)	Contingency, 10 % of sub total a)			0	0	0.0
		Total cost of Project A			0	0	0.0

Table O.4.10 (1) Financial Cost Estimate Sheet for Transportation Sector, Phase II (2011 - 2020) (2/2)

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
20-7	Bridge (b-2 to b-24)					
1)	Direct construction cost	LS	1	0	6.9	6.9
	VAT, 20 %			0	1.4	1.4
	sub total a)			0	8.3	8.3
2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.0	0.0
3)	Administration Expenses, 5 % of sub total a)			0	0.4	0.4
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.8	0.8
5)	Contingency, 10 % of sub total a)			0	0.8	0.8
	Total cost of Project A			0	10.4	10.4

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
20-8	Bridge (f-3 to f-15)					
1)	Direct construction cost	LS	1	0	4.5	4.5
	VAT, 20 %			0	0.9	0.9
	sub total a)			0	5.4	5.4
2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.0	0.0
3)	Administration Expenses, 5 % of sub total a)			0	0.3	0.3
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.5	0.5
5)	Contingency, 10 % of sub total a)			0	0.5	0.5
	Total cost of Project A			0	6.8	6.8

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
20-11	LRT (L-2)					
1)	Direct construction cost	LS	1	0	63.5	63.5
	VAT, 20 %			0	12.7	12.7
	sub total a)			0	76.2	76.2
2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.0	0.0
3)	Administration Expenses, 5 % of sub total a)			0	3.8	3.8
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	7.6	7.6
5)	Contingency, 10 % of sub total a)			0	7.6	7.6
	Total cost of Project A			0	95.3	95.3

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
20-16	Terminal (T-4)					
1)	Direct construction cost	LS	1	0	0.3	0.3
	VAT, 20 %			0	0.1	0.1
	sub total a)			0	0.4	0.4
2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.0	0.0
3)	Administration Expenses, 5 % of sub total a)			0	0.0	0.0
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.0	0.0
5)	Contingency, 10 % of sub total a)			0	0.0	0.0
	Total cost of Project A			0	0.5	0.5

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
20-18	Traffic Management					
1)	Direct construction cost	LS	1	0	2.3	2.3
	VAT, 20 %			0	0.5	0.5
	sub total a)			0	2.8	2.8
2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.0	0.0
3)	Administration Expenses, 5 % of sub total a)			0	0.1	0.1
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.3	0.3
5)	Contingency, 10 % of sub total a)			0	0.3	0.3
	Total cost of Project A			0	3.5	3.5

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
20-22	Railway					
1)	Direct construction cost	LS	1	0	30.6	30.6
	VAT, 20 %			0	6.1	6.1
	sub total a)			0	36.7	36.7
2)	Land Acquisition and Compensation Cost	(T100/m2)	m2	0	0.4	0.4
3)	Administration Expenses, 5 % of sub total a)			0	1.8	1.8
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	3.7	3.7
5)	Contingency, 10 % of sub total a)			0	3.7	3.7
	Total cost of Project A			0	46.3	46.3

US\$1.0=T144.0=JY108.0 unit: million

[illegible]

Table O.4.10 (3) Financial Cost Estimate Sheet for Water Supply Sector, Phase II (2011-2020)

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
40-5		Water Supply - 2nd Stage					
	1)	Direct construction cost	LS	1	0	120.4	120.4
		VAT, 20 %			0	24.1	24.1
		sub total a)			0	144.5	144.5
	2)	Land Acquisition and Compensation Cost	(T100/m2)m2	198,000	0	0.1	0.1
	3)	Administration Expenses, 5 % of sub total a)			0	7.2	7.2
	4)	Engineering Services Cost w/VAT, 5 % of sub total a)			0	7.2	7.2
	5)	Contingency, 5 % of sub total a)			0	7.2	7.2
		Total cost of Project A			0	166.3	166.3

Table O.4.10 (4) Financial Cost Estimate Sheet for Sewerage Sector, Phase II (2011-2020)

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
50-6		Sewerage Treatment Plant Expansion (1)					
	1)	Direct construction cost	LS	1	0	20.0	20.0
		VAT, 20 %			0	4.0	4.0
		sub total a)			0	24.0	24.0
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	10,000	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	1.2	1.2
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	2.4	2.4
	5)	Contingency, 10 % of sub total a)			0	2.4	2.4
		Total cost of Project A			0	30.0	30.0

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
50-7		Sewerage Collection System Expansion (2)					
	1)	Direct construction cost	LS	1	0	65.6	65.6
		VAT, 20 %			0	13.1	13.1
		sub total a)			0	78.7	78.7
	2)	Land Acquisition and Compensation Cost (T100/m2)	m2	50,500	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	3.9	3.9
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	7.9	7.9
	5)	Contingency, 10 % of sub total a)			0	7.9	7.9
		Total cost of Project A			0	98.4	98.4

Table O.4.10 (5) Financial Cost Estimate Sheet for Stormwater Drainage Sector, Phase II (2011-2020)

US\$1.0=T144.0=JY108.0 unit: million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
60-4	Project for Stormwater Drainage development (District No. 4B, 14, 15, 16, 17, 18, 19, central ind., & station 40)					
1)	Direct construction cost	LS	1	0	9.3	9.3
	VAT, 20 %			0	1.9	1.9
	sub total a)			0	11.2	11.2
2)	Land Acquisition and Compensation Cost (T200/m2)	m2	40,000	0	0.1	0.1
3)	Administration Expenses, 5 % of sub total a)			0	0.6	0.6
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	1.1	1.1
5)	Contingency, 10 % of sub total a)			0	1.1	1.1
	Total cost of Project A			0	14.0	14.0

Table O.4.10 (6) Financial Cost Estimate Sheet for Flood Protection Sector, Phase II (2011-2020)

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
70-5	Ishim River Improvement, L= km					
	(New City Center to 2nd ring road, Sarybulak R. to 2nd ring road)					
1)	Direct construction cost	LS	1	0	24.8	24.8
	VAT, 20 %			0	5.0	5.0
	sub total a)			0	29.8	29.8
2)	Land Acquisition and Compensation Cost			0	0.0	0.0
3)	Administration Expenses, 5 % of sub total a)			0	1.5	1.5
4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	3.0	3.0
5)	Contingency, 10 % of sub total a)			0	3.0	3.0
	Total cost of Project A			0	37.2	37.2

Table O.4.10 (7) Financial Cost Estimate Sheet for Power and Heat Supply Sector, Phase II (2011-2020)

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
80-9		Natural Gas Firing Combined Cycle Plant					
	1)	Direct construction cost	LS	1	0	108.0	108.0
		VAT, 20 %			0	21.6	21.6
		sub total a)			0	129.6	129.6
	2)	Land Acquisition and Compensation Cost	(T200/m2)	32,000	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	6.5	6.5
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	13.0	13.0
	5)	Contingency, 10 % of sub total a)			0	13.0	13.0
		Total cost of Project A			0	162.0	162.0

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
80-10		Construction of Three (3) Heat Centers and Related Pipelines on the Left Bank of Ishim River, HC-4, HC-5, and HC-6					
	1)	Direct construction cost	LS	1	0	52.3	52.3
		VAT, 20 %			0	10.5	10.5
		sub total a)			0	62.8	62.8
	2)	Land Acquisition and Compensation Cost	(T200/m2)	30,000	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	3.1	3.1
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	6.3	6.3
	5)	Contingency, 10 % of sub total a)			0	6.3	6.3
		Total cost of Project A			0	78.5	78.5

US\$1.0=T144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
80-8		Construction of 110 kV Transmission Line and Substations					
	1)	Direct construction cost	LS	1	0	14.4	14.4
		VAT, 20 %			0	2.9	2.9
		sub total a)			0	17.3	17.3
	2)	Land Acquisition and Compensation Cost	(T200/m2)	m2	0	0.2	0.2
	3)	Administration Expenses, 5 % of sub total a)			0	0.9	0.9
	4)	Engineering Services Cost w/VAT, 5 % of sub total a)			0	0.9	0.9
	5)	Contingency, 10 % of sub total a)			0	1.7	1.7
		Total cost of Project A			0	20.9	20.9

Table O.4.10 (8) Financial Cost Estimate Sheet for Gas Supply Sector, Phase II (2011-2020)

					US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
90-2		Gas Supply Network Expansion Project (I)						
	1)	Direct construction cost	LS	1	0.0	17.3	17.3	
		VAT, 20 %			0.0	3.5	3.5	
		sub total a)			0.0	20.8	20.8	
	2)	Land Acquisition and Compensation Cost (T200/m2	m2	210,000	0.0	0.3	0.3	
	3)	Administration Expenses, 5 % of sub total a)			0.0	1.0	1.0	
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0.0	2.1	2.1	
	5)	Contingency, 10 % of sub total a)			0.0	2.1	2.1	
		Total cost OF Project			0.0	26.2	26.2	

Table O.4.10 (9) Financial Cost Estimate Sheet for Telecommunication Sector, Phase II (2011-2020)

					US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
100-2		Astana New Local Telecommunication Network (2)						
	1)	Direct construction cost	LS	1	0.0	52.5	52.5	
		VAT, 20 %			0.0	0.0	0.0	
		sub total a)			0.0	52.5	52.5	
	2)	Land Acquisition and Compensation Cost			0.0	0.0	0.0	
	3)	Administration Expenses, 5 % of sub total a)			0.0	2.6	2.6	
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0.0	5.3	5.3	
	5)	Contingency, 10 % of sub total a)			0.0	5.3	5.3	
		Total cost of Project			0.0	65.6	65.6	

Table O.4.10 (10) Financial Cost Estimate Sheet for Solid Waste Sector, Phase II (2011-2020)

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
110-1	Landfill-2 Project (phase 1)						
	1)	Direct construction cost	LS	1	0	6.2	6.2
		VAT, 20 %			0	1.2	1.2
		sub total a)			0	7.4	7.4
	2)	Land Acquisition and Compensation Cost (T200/m2)	ha	18.3	0	0.3	0.3
	3)	Administration Expenses, 5 % of sub total a)			0	0.4	0.4
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.7	0.7
	5)	Contingency, 10 % of sub total a)			0	0.7	0.7
		Total cost of Project			0	9.6	9.6

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
110-2	Hazardous HSW (Hospital Solid Waste) Incinerator Project (2)						
	1)	Direct construction cost	LS	1	0	2.5	2.5
		VAT, 20 %			0	0.5	0.5
		sub total a)			0	3.0	3.0
	2)	Land Acquisition and Compensation Cost	ha	15	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.2	0.2
	4)	Engineering Services Cost w/VAT, 10 % of sub total a)			0	0.3	0.3
	5)	Contingency, 10 % of sub total a)			0	0.3	0.3
		Total cost of Project			0	3.8	3.8

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
110-3		Waste Collection Vehicle (1)					
	1)	Direct construction cost	LS	1	0	1.1	1.1
		VAT, 20 %			0	0.2	0.2
		sub total a)			0	1.3	1.3
	2)	Land Acquisition and Compensation Cost	ha	0	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total a)			0	0.1	0.1
	5)	Contingency, 10 % of sub total a)			0	0.1	0.1
		Total cost of Project			0	1.6	1.6

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
110-4		Pilot Scale MSW Treatment Project					
	1)	Direct construction cost	LS	1	0	10.0	10.0
		VAT, 20 %			0	2.0	2.0
		sub total a)			0	12.0	12.0
	2)	Land Acquisition and Compensation Cost	ha	0	0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.6	0.6
	4)	Engineerinf Services Cost w/VAT, 5 % of sub total a)			0	0.6	0.6
	5)	Contingency, 10 % of sub total a)			0	1.2	1.2
		Total cost of Project			0	14.4	14.4

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
110-5		NCC (New City Center) Recycling Center Project					
	1)	Direct construction cost	LS	1	0	0.1	0.1
		VAT, 20 %			0	0.0	0.0
		sub total a)			0	0.1	0.1
	2)	Land Acquisition and Compensation Cost	ha		0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total a)			0	0.0	0.0
	4)	Engineerinf Services Cost w/VAT, 5 % of sub total a)			0	0.0	0.0
	5)	Contingency, 10 % of sub total a)			0	0.0	0.0
		Total cost of Project			0	0.1	0.1

Table O.4.11 Financial Basis Integrated Investment Cost, Ultimate Term, Phase III (2021-2030)

US\$1.0=Tenge 144.0=JY108.0

unit: million

Code No.	Region / Sector		Integrated Cost, Phase III		Total
			FC (US\$)	LC(US\$)	(US\$)
10	Urban Development		0.0	2,563.6	2,563.6
	10-1	Central planning region	0.0	208.1	208.1
	10-2	Northern planning region	0.0	250.4	250.4
	10-3	Southeastern planning region	0.0	179.3	179.2
	10-4	Southern planning region	0.0	1,662.8	1,662.8
	10-5	Northwest planning region	0.0	263.1	263.1
	Infrastructures and Engineering Protection		0.0	1,075.5	1,075.5
20	Transportation		0.0	472.9	472.9
30	Water resouces		0.0	26.3	26.3
40	Water supply		0.0	80.4	80.4
50	Sewerage		0.0	79.2	79.2
60	Stormwater drainage		0.0	3.4	3.4
70	Flood protection		0.0	44.6	44.6
80	Power and heat energy supply		0.0	282.6	282.6
90	Gas supply		0.0	10.9	10.9
100	Telecommunication		0.0	47.6	47.6
110	Solid waste		0.0	27.5	27.5
200	Grand Total		0.0	3,639.1	3,639.1

FC Foreign currency portion

LC Local currency portiion

T Tenge

US\$ United State Dollars

JY Japanese Yen

Table O.4.12 Summary of Financial Cost Estimate, Ultimate Term, Phase III (1/2)

US\$1.0=T144.0-JY108.0

unit: million

Cost code	Sector / Cost Items	Unit	Quantity	Investment Cost		
				Foreign Currency (US\$)	Local Currency (US\$)	Total, equivalent (US\$)
10	Urban Development	Project's Abbrev.	ha	69,881	0.0	2,563.6
						2,563.6
	10-1 Central planning region		ha	1,689	0.0	208.1
						208.1
	10-1-1 Residential district 3	TAPC-1	ha	385	0.0	132.6
						132.6
	10-1-2 Residential district 4A	TAPC-2	ha	563	0.0	48.0
						48.0
	10-1-3 Residential district 5	TAPC-3	ha	357	0.0	13.2
						13.2
	10-1-4 Residential district 6	TAPC-4	ha	384	0.0	14.3
						14.3
	10-2 Northern planning region		ha	22,614	0.0	250.4
						250.4
	10-2-1 Northern industrial district	TAPN-1	ha	2,146	0.0	43.7
						43.7
	10-2-2 Central industrial district	TAPN-2	ha	3,353	0.0	65.1
						65.1
	10-2-3 Planning district I (high-tech park)	TAPN-3	ha	6,302	0.0	87.5
						87.5
	10-2-4 Planning district II (high-tech park)	TAPN-4	ha	3,710	0.0	51.5
						51.5
	10-2-5 Planning district III (high-tech park)	TAPN-5	ha	2,927	0.0	0.0
						0.0
	10-2-6 Planning district IV (military academy)	TAPN-6	ha	4,176	0.0	0.0
						0.0
	10-2-7 Planning district IV (services)	TAPN-7	ha		0.0	0.0
						0.0
	10-2-8 Planning district IV (cargo center)	TAPN-8	ha		0.0	2.6
						2.6
	10-3 Southeastern planning region		ha	11,270	0.0	179.3
						179.3
	10-3-1 Residential district 7	TAPSE-1	ha	562	0.0	14.1
						14.1
	10-3-2 Residential district 8	TAPSE-2	ha	395	0.0	7.9
						7.9
	10-3-3 Residential district 9	TAPSE-3	ha	552	0.0	10.7
						10.7
	10-3-4 Residential district 10	TAPSE-4	ha	213	0.0	3.4
						3.4
	10-3-5 Industrial district - station 40	TAPSE-5	ha	752	0.0	11.6
						11.6
	10-3-6 Residential district 17	TAPSE-6	ha	715	0.0	15.5
						15.5
	10-3-7 Residential district 18	TAPSE-7	ha	902	0.0	14.6
						14.6
	10-3-8 Residential district 19	TAPSE-8	ha	783	0.0	12.2
						12.2
	10-3-9 Planning district V	TAPSE-9	ha	6,396	0.0	89.1
						89.1
	10-4 Southern planning region		ha	24,399	0.0	1,662.8
						1,662.8
	10-4-1 Residential district 11	TAPS-1	ha	1,251	0.0	721.4
						721.4
	10-4-2 Residential district 12	TAPS-2	ha	668	0.0	10.5
						10.5
	10-4-3 Residential district 13	TAPS-3	ha	942	0.0	108.4
						108.4
	10-4-4 Residential district 14	TAPS-4	ha	1,425	0.0	512.3
						512.3
	10-4-5 Residential district 15	TAPS-5	ha	820	0.0	34.3
						34.3
	10-4-6 Residential district 16	TAPS-6	ha	933	0.0	241.1
						241.1
	10-4-7 Planning district VI	TAPS-7	ha	1,885	0.0	
	10-4-8 Planning district VII	TAPS-8	ha		0.0	0.0
						0.0
	10-4-9 Planning district VII	TAPS-9	ha	3,789	0.0	31.4
						31.4
	10-4-10 Planning district VII	TAPS-10	ha		0.0	3.5
						3.5
	10-4-11 Planning district VIII	TAPS-11	ha	12,686	0.0	0.0
						0.0
	10-5 Northwest planning region		ha	9,909	0.0	263.1
						263.1
	10-5-1 Residential district 1	TAPNW-1	ha	332	0.0	60.7
						60.7
	10-5-2 Residential district 2	TAPNW-2	ha	441	0.0	181.6
						181.6
	10-5-3 West industrial district	TAPNW-3	ha	575	0.0	7.2
						7.2
	10-5-4 Residential district 4B	TAPNW-4	ha	685	0.0	13.6
						13.6
	10-5-5 Planning district IX	TAPNW-5	ha	7,876	0.0	0.0
						0.0
	INFRASTRUCTURE ELEMENTS			0.0	1,075.5	1,075.5
	Project No. and Project's Name					
20	Transportation			0.0	472.9	472.9
	20-1 Special Road, sp-1 (arterial road), sp-2, sp-3	LS	1		0.0	36.0
						36.0
	20-2 Main streets of City Importance, Arterial road, (a-1 to a-10)	LS	1		0.0	5.4
						5.4
	20-3 Main streets of City importance, primary road (p-1 to p-12)	LS	1		0.0	0.0
						0.0
	20-4 Main streets of Regional importance, secondary road (s-1 to s-46)	LS	1		0.0	16.8
						16.8
	20-5 Streets and roads of local importance, tertiary road TR-1, 2, 3)	LS	1		0.0	5.5
						5.5
	20-6 Trolley Bus project	LS	1		0.0	0.0
						0.0
	20-7 Bridge (b-2 to b-24)	LS	1		0.0	8.0
						8.0
	20-8 Bridge (f-3 to f-15)	LS	1		0.0	118.4
						118.4
	20-9 Tunnel (t-1)	LS	1		0.0	45.0
						45.0
	20-12 LRT (L-3)	LS	1		0.0	236.3
						236.3
	20-14 Terminal (T-2)	LS	1		0.0	0.5
						0.5
	20-18 Traffic management	LS	1		0.0	1.1
						1.1
30	Water Resources			0.0	26.3	26.3
	30-1 IKC-Ishim Pipeline Project (2)			0.0	26.3	26.3
40	Water Supply			0.0	80.4	80.4
	40-6 Water Supply - 3rd Stage	LS	1		0.0	80.4
						80.4
50	Sewerage			0.0	79.2	79.2
	50-8 Sewerage Treatment Plant Expansion (2)	LS	1		0.0	31.5
						31.5
	50-9 sewerage Treatment Plant Rehabilitation (full scale)	LS	1		0.0	15.0
						15.0
	50-10 Sewerage Collection System Expansion (3)	LS	1		0.0	32.7
						32.7

Table O.4.12 Summary of Financial Cost Estimate, Ultimate Term, Phase III (2/2)

US\$1.0=¥144.0=¥108.0

unit: million

Cost code	Sector / Cost Items	Unit	Quantity	Investment Cost		
				Foreign Currency (US\$)	Local Currency (US\$)	Total, equivalent (US\$)
60	Storm Water Drainage			0.0	3.4	3.4
60-5	Project for the Stormwater Drainage Development	LS	1	0.0	3.4	3.4
70	Flood Protection			0.0	44.6	44.6
70-6	Ishim River Improvement, L= km (2nd ring road to 3rd ring road)	LS	1	0.0	24.2	24.2
70-7	Construction of Flood Regulating Reservoir, 120 km2	LS	1	0.0	20.5	20.5
80	Electric Power and Heat Energy			0.0	282.6	282.6
80-11	Construction of 110 kV Transmission Line and Substation	LS	1	0.0	9.3	9.3
80-12	Natural Gas Firing Combined Cycle Plant	LS	1	0.0	202.3	202.3
80-13	Construction of One (1) Heat Center, Extension of Four (4) Heat Centers and Related Pipelines on the Left Bank of Ishim River	LS	1	0.0	71.0	71.0
90	Gas Supply			0.0	10.9	10.9
90-2	Gas Supply Network Expansion Project (2)	LS	1	0.0	10.9	10.9
100	Telecommunication			0.0	47.6	47.6
100-2	Astana New local Telecommunication Network (3)	LS	1	0.0	47.6	47.6
110	Solid Waste			0.0	27.5	27.5
110-1	Landfill-2 Project (phase 2)	LS	1	0.0	23.9	23.9
110-6	MSW Transfer station	LS	1	0.0	3.6	3.6
200	Grand Total			0.0	3,639.1	3,639.1

Table O.4.13 (1) Financial Cost Estimate Sheet for Urban Development, Central Planning Region, Phase III (2021-2030)

US\$1.0=T144.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-1-1	Residential District 3 (Project TAPC-1)	ha	385			
1)	Direct construction cost					
	a Residential	1,000 m2	204	0	61.2	61.2
	b Office	1,000 m2	58	0	17.3	17.3
	c Commercial	1,000 m2	14	0	2.8	2.8
	sub total a)			0	81.3	81.3
	d Land preparation, 1 % of sub total a)	LS	1	0	0.8	0.8
	e Infrastructures internal district, 3 % of sub total a)	LS	1	0	2.4	2.4
	f Park and greenery, 2 % of sub total a)	LS	1	0	1.6	1.6
	sub total b)			0	86.2	86.2
	VAT, 20 % of sub total b)			0	17.2	17.2
	sub total c)			0	103.4	103.4
2)	Land Acquisition and Compensation Cost (T400/m2)			0	10.7	10.7
3)	Administration Expenses, 5 % of sub total b)			0	4.1	4.1
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	4.1	4.1
5)	Contingency, 10 % of sub total c)			0	10.3	10.3
	Total cost of Project TAPC-1			0	132.6	132.6

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-1-2	Residential District 4A (Project TAPC-2)	ha	563			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0.0	0.0
	b Office	1,000 m2	55	0	16.4	16.4
	c Commercial	1,000 m2	25	0	5.1	5.1
	sub total a)			0	21.5	21.5
	d Land preparation, 1 % of sub total a)	LS	1	0	0.2	0.2
	e Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.6	0.6
	f Park and greenery, 2 % of sub total a)	LS	1	0	0.4	0.4
	sub total b)			0	22.8	22.8
	VAT, 20 % of sub total b)			0	4.6	4.6
	sub total c)			0	27.3	27.3
2)	Land Acquisition and Compensation Cost (T400/m2)			0	15.6	15.6
3)	Administration Expenses, 5 % of sub total b)			0	1.1	1.1
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	1.1	1.1
5)	Contingency, 10 % of sub total c)			0	2.7	2.7
	Total cost of Project TAPC-2			0	48.0	48.0

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-1-3	Residential District 5 (Project TAPC-3)	ha	357			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0.0	0.0
	b Office	1,000 m2	2	0	0.5	0.5
	c Commercial	1,000 m2	9	0	1.8	1.8
	sub total a)			0	2.2	2.2
	d Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.1	0.1
	f Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
	sub total b)			0	2.3	2.3
	VAT, 20 % of sub total b)			0	0.5	0.5
	sub total c)			0	2.8	2.8
2)	Land Acquisition and Compensation Cost (T400/m2)			0	9.9	9.9
3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
5)	Contingency, 10 % of sub total c)			0	0.3	0.3
	Total cost of Project TAPC-3			0	13.2	13.2

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-1-4	Residential District 6 (Project TAPC-4)	ha	384			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0.0	0.0
	b Office	1,000 m2	2	0	0.5	0.5
	c Commercial	1,000 m2	9	0	1.9	1.9
	sub total a)			0	2.4	2.4
	d Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.1	0.1
	f Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
	sub total b)			0	2.5	2.5
	VAT, 20 % of sub total b)			0	0.5	0.5
	sub total c)			0	3.1	3.1
2)	Land Acquisition and Compensation Cost (T400/m2)			0	10.7	10.7
3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
5)	Contingency, 10 % of sub total c)			0	0.3	0.3
	Total cost of Project TAPC-4			0	14.3	14.3

Table O.4.13 (2) Financial Cost Estimate Sheet for Urban Development, Northern Planning Region, Phase III (2021 - 2030) (1/2)

US\$1.0=TT44.0=JY108.0 unit:million

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-2-1	Northern Industrial District (Project TAPN-1)	ha	2,146			
1)	Direct construction cost					
	a Residential	m2	0	0	0.0	0.0
	b Office	m2	30	0	9.0	9.0
	c Commercial	m2	1	0	0.2	0.2
	sub total a)			0	9.2	9.2
	d Land preparation, 1 % of sub total a)	LS	1	0	0.1	0.1
	e Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.3	0.3
	f Park and greenery, 2 % of sub total a)	LS	1	0	0.2	0.2
	sub total b)			0	9.8	9.8
	VAT, 20 % of sub total b)			0	2.0	2.0
	sub total c)			0	11.7	11.7
2)	Land Acquisition and Compensation Cost (T200/m2)			0	29.8	29.8
3)	Administration Expenses, 5 % of sub total b)			0	0.5	0.5
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.5	0.5
5)	Contingency, 10 % of sub total c)			0	1.2	1.2
	Total cost of Project TAPN-1			0	43.7	43.7

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-2-2	Central Industrial District (Project TAPN-2)	ha	3,353			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0.0	0.0
	b Office	1,000 m2	41	0	12.2	12.2
	c Commercial	1,000 m2	1	0	0.1	0.1
	sub total a)			0	12.3	12.3
	d Land preparation, 1 % of sub total a)	LS	1	0	0.1	0.1
	e Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.4	0.4
	f Park and greenery, 2 % of sub total a)	LS	1	0	0.2	0.2
	sub total b)			0	13.0	13.0
	VAT, 20 % of sub total b)			0	2.6	2.6
	sub total c)			0	15.6	15.6
2)	Land Acquisition and Compensation Cost (T200/m2)			0	46.6	46.6
3)	Administration Expenses, 5 % of sub total b)			0	0.7	0.7
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.7	0.7
5)	Contingency, 10 % of sub total c)			0	1.6	1.6
	Total cost of Project TAPN-2			0	65.1	65.1

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-2-3	Planning District I, high-tech park (Project TAPN-3)	ha	6,302			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0.0	0.0
	b Office	1,000 m2	0	0	0.0	0.0
	c Commercial	1,000 m2	0	0	0.0	0.0
	sub total a)			0	0.0	0.0
	d Land preparation, 1 % of sub total a)	LS	1	0	to be assumed	0.0
	e Infrastructures internal district, 3 % of sub total a)	LS	1	0	to be assumed	0.0
	f Park and greenery, 2 % of sub total a)	LS	1	0	to be assumed	0.0
	sub total b)			0	0.0	0.0
	VAT, 20 % of sub total b)			0	0.0	0.0
	sub total c)			0	0.0	0.0
2)	Land Acquisition and Compensation Cost (T200/m2)			0	87.5	87.5
3)	Administration Expenses, 5 % of sub total b)			0	0.0	0.0
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.0	0.0
5)	Contingency, 10 % of sub total c)			0	0.0	0.0
	Total cost of Project TAPN-3			0	87.5	87.5

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				Foreign Currency	Local Currency	Total, equivalent
10-2-4	Planning District II, high-tech park (Project TAPN-4)	ha	3,710			
1)	Direct construction cost					
	a Residential	1,000 m2	0	0	0.0	0.0
	b Office	1,000 m2	0	0	0.0	0.0
	c Commercial	1,000 m2	0	0	0.0	0.0
	sub total a)			0	0.0	0.0
	d Land preparation, 1 % of sub total a)	LS	1	0	to be assumed	0.0
	e Infrastructures internal district, 3 % of sub total a)	LS	1	0	to be assumed	0.0
	f Park and greenery, 2 % of sub total a)	LS	1	0	to be assumed	0.0
	sub total b)			0	0.0	0.0
	VAT, 20 % of sub total b)			0	0.0	0.0
	sub total c)			0	0.0	0.0
2)	Land Acquisition and Compensation Cost (T200/m2)			0	51.5	51.5
3)	Administration Expenses, 5 % of sub total b)			0	0.0	0.0
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.0	0.0
5)	Contingency, 10 % of sub total c)			0	0.0	0.0
	Total cost of Project TAPN-4			0	51.5	51.5

Table O.4.13 (2) Financial Cost Estimate Sheet for Urban Development, Northern Planning Region, Phase III (2021 - 2030) (2/2)

					US\$1.0=T144.0=FY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			
					Foreign Currency	Local Currency	Total, equivalent	
10-2-5		Planning District III, high-tech park (Project TAPN-5)	ha	2,927				
	1)	Direct construction cost						
	a	Residential	1,000 m2	0	0	0	0.0	
	b	Office	1,000 m2	0	0	0	0.0	
	c	Commercial	1,000 m2	0	0	0	0.0	
		sub total a)			0	0	0.0	
	d	Land preparation, 1 % of sub total a)	LS	1	0	to be assumed		
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	to be assumed		
	f	Park and greenery, 2 % of sub total a)	LS	1	0	to be assumed		
		sub total b)			0			
		VAT, 20 % of sub total b)			0			
		sub total c)			0			
	2)	Land Acquisition and Compensation Cost (T200/m2)			0			
	3)	Administration Expenses, 5 % of sub total b)			0			
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0			
	5)	Contingency, 10 % of sub total c)			0			
		Total cost of Project TAPN-5			0			

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-2-6		Planning District IV, military academy (Project TAPN-6)	ha	4,176			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0	0.0
	b	Office	1,000 m2	0	0	0	0.0
	c	Commercial	1,000 m2	0	0	0	0.0
		sub total a)			0	0	0.0
	d	Land preparation, 1 % of sub total a)	LS	1	0	to be assumed	
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	to be assumed	
	f	Park and greenery, 2 % of sub total a)	LS	1	0	to be assumed	
		sub total b)			0		
		VAT, 20 % of sub total b)			0		
		sub total c)			0		
	2)	Land Acquisition and Compensation Cost (T200/m2)			0		
	3)	Administration Expenses, 5 % of sub total b)			0		
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		
	5)	Contingency, 10 % of sub total c)			0		
		Total cost of Project TAPN-6			0		

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-2-7		Planning District IV, services (Project TAPN-7)	ha				
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0	0.0
	b	Office	1,000 m2	0	0	0	0.0
	c	Commercial	1,000 m2	0	0	0	0.0
		sub total a)			0	0	0.0
	d	Land preparation, 1 % of sub total a)	LS	1	0	to be assumed	0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	to be assumed	0.0
	f	Park and greenery, 2 % of sub total a)	LS	1	0	to be assumed	0.0
		sub total b)			0		0.0
		VAT, 20 % of sub total b)			0		0.0
		sub total c)			0		0.0
	2)	Land Acquisition and Compensation Cost (T200/m2)			0		0.0
	3)	Administration Expenses, 5 % of sub total b)			0		0.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		0.0
	5)	Contingency, 10 % of sub total c)			0		0.0
		Total cost of Project TAPN-7			0		0.0

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-2-8		Planning District IV, cargo center (Project TAPN-8)	ha				
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	6	0	1.7	1.7
	c	Commercial	1,000 m2	0	0	0.0	0.0
		sub total a)			0	1.7	1.7
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.1	0.1
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	1.8	1.8
		VAT, 20 % of sub total b)			0	0.4	0.4
		sub total c)			0	2.2	2.2
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
	5)	Contingency, 10 % of sub total c)			0	0.2	0.2
		Total cost of Project TAPN-8			0	2.6	2.6

Table O.4.13 (3) Financial Cost Estimate Sheet for Urban Development, Southeastern Planning Region, Phase III (2021 - 2030) (1/3)

US\$1.0=TT144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-3-1		Residential District 7 (Project TAPSE-1)	ha	562			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	3	0	0.9	0.9
	c	Commercial	1,000 m2	16	0	3.3	3.3
		sub total a)			0	4.2	4.2
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.1	0.1
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.1	0.1
		sub total b)			0	4.5	4.5
		VAT, 20 % of sub total b)			0	0.9	0.9
		sub total c)			0	5.3	5.3
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	7.8	7.8
	3)	Administration Expenses, 5 % of sub total b)			0	0.2	0.2
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.2	0.2
	5)	Contingency, 10 % of sub total c)			0	0.5	0.5
		Total cost of Project TAPSE-1			0	14.1	14.1

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-3-2		Residential District 8 (Project TAPSE-2)	ha	395			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	1	0	0.3	0.3
	c	Commercial	1,000 m2	7	0	1.3	1.3
		sub total a)			0	1.6	1.6
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.0	0.0
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	1.7	1.7
		VAT, 20 % of sub total b)			0	0.3	0.3
		sub total c)			0	2.0	2.0
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	5.5	5.5
	3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
	5)	Contingency, 10 % of sub total c)			0	0.2	0.2
		Total cost of Project TAPSE-2			0	7.9	7.9

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-3-3		Residential District 9 (Project TAPSE-3)	ha	552			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	1	0	0.3	0.3
	c	Commercial	1,000 m2	8	0	1.7	1.7
		sub total a)			0	2.0	2.0
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.1	0.1
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	2.1	2.1
		VAT, 20 % of sub total b)			0	0.4	0.4
		sub total c)			0	2.5	2.5
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	7.7	7.7
	3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
	5)	Contingency, 10 % of sub total c)			0	0.3	0.3
		Total cost of Project TAPSE-3			0	10.7	10.7

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-3-4		Residential District 10 (Project TAPSE-4)	ha	213			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	0	0	0.1	0.1
	c	Commercial	1,000 m2	1	0	0.2	0.2
		sub total a)			0	0.3	0.3
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.0	0.0
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	0.3	0.3
		VAT, 20 % of sub total b)			0	0.1	0.1
		sub total c)			0	0.4	0.4
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	3.0	3.0
	3)	Administration Expenses, 5 % of sub total b)			0	0.0	0.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.0	0.0
	5)	Contingency, 10 % of sub total c)			0	0.0	0.0
		Total cost of Project TAPSE-4			0	3.4	3.4

Table O.4.13 (3) Financial Cost Estimate Sheet for Urban Development, Southeastern Planning Region, Phase III (2021 - 2030) (2/3)

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				unit: million		
				Foreign Currency	Local Currency	Total, equivalent
10-3-5	Industrial District, Station 40 (Project TAPSE-5)	ha	752			
1)	Direct construction cost					
a	Residential	1,000 m2	0	0	0.0	0.0
b	Office	1,000 m2	2	0	0.6	0.6
c	Commercial	1,000 m2	1	0	0.2	0.2
	sub total a)			0	0.8	0.8
d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.0	0.0
f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
	sub total b)			0	0.8	0.8
	VAT, 20 % of sub total b)			0	0.2	0.2
	sub total c)			0	1.0	1.0
2)	Land Acquisition and Compensation Cost (T200/m2)			0	10.4	10.4
3)	Administration Expenses, 5 % of sub total b)			0	0.0	0.0
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.0	0.0
5)	Contingency, 10 % of sub total c)			0	0.1	0.1
	Total cost of Project TAPSE-5			0	11.6	11.6

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				unit: million		
				Foreign Currency	Local Currency	Total, equivalent
10-3-6	Residential District 17 (Project TAPSE-6)	ha	715			
1)	Direct construction cost					
a	Residential	1,000 m2	0	0	0.0	0.0
b	Office	1,000 m2	2	0	0.7	0.7
c	Commercial	1,000 m2	15	0	3.0	3.0
	sub total a)			0	3.7	3.7
d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.1	0.1
f	Park and greenery, 2 % of sub total a)	LS	1	0	0.1	0.1
	sub total b)			0	3.9	3.9
	VAT, 20 % of sub total b)			0	0.8	0.8
	sub total c)			0	4.7	4.7
2)	Land Acquisition and Compensation Cost (T200/m2)			0	9.9	9.9
3)	Administration Expenses, 5 % of sub total b)			0	0.2	0.2
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.2	0.2
5)	Contingency, 10 % of sub total c)			0	0.5	0.5
	Total cost of Project TAPSE-6			0	15.5	15.5

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				unit: million		
				Foreign Currency	Local Currency	Total, equivalent
10-3-7	Residential District 18 (Project TAPSE-7)	ha	902			
1)	Direct construction cost					
a	Residential	1,000 m2	0	0	0.0	0.0
b	Office	1,000 m2	1	0	0.3	0.3
c	Commercial	1,000 m2	6	0	1.1	1.1
	sub total a)			0	1.4	1.4
d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.0	0.0
f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
	sub total b)			0	1.5	1.5
	VAT, 20 % of sub total b)			0	0.3	0.3
	sub total c)			0	1.8	1.8
2)	Land Acquisition and Compensation Cost (T200/m2)			0	12.5	12.5
3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
5)	Contingency, 10 % of sub total c)			0	0.2	0.2
	Total cost of Project TAPSE-7			0	14.6	14.6

Cost code	Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
				unit: million		
				Foreign Currency	Local Currency	Total, equivalent
10-3-8	Residential District 19 (Project TAPSE-8)	ha	783			
1)	Direct construction cost					
a	Residential	1,000 m2	0	0	0.0	0.0
b	Office	1,000 m2	1	0	0.2	0.2
c	Commercial	1,000 m2	4	0	0.7	0.7
	sub total a)			0	0.9	0.9
d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.0	0.0
f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
	sub total b)			0	1.0	1.0
	VAT, 20 % of sub total b)			0	0.2	0.2
	sub total c)			0	1.1	1.1
2)	Land Acquisition and Compensation Cost (T200/m2)			0	10.9	10.9
3)	Administration Expenses, 5 % of sub total b)			0	0.0	0.0
4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.0	0.0
5)	Contingency, 10 % of sub total c)			0	0.1	0.1
	Total cost of Project TAPSE-8			0	12.2	12.2

Table O.4.13 (3) Financial Cost Estimate Sheet for Urban Development, Southeastern Planning Region, Phase III (2021 - 2030) (3/3)

					US\$1.0=T144.0=JY108.0			unit: million
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)			Total, equivalent
					Foreign Currency	Local Currency		
10-3-9	Planning District V (Project TAPSE-9)		ha	6,396				
	1)	Direct construction cost						
	a	Residential	1,000 m2	0	0	0.0		0.0
	b	Office	1,000 m2	0	0	0.0		0.0
	c	Commercial	1,000 m2	1	0	0.2		0.2
		sub total a)			0	0.2		0.2
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.0		0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.0		0.0
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0		0.0
		sub total b)			0	0.2		0.2
		VAT, 20 % of sub total b)			0	0.0		0.0
		sub total c)			0	0.3		0.2
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	88.8		88.8
	3)	Administration Expenses, 5 % of sub total b)			0	0.0		0.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.0		0.0
	5)	Contingency, 10 % of sub total c)			0	0.0		0.0
		Total cost of Project TAPSE-9			0	89.1		89.1

Table O.4.13 (4) Financial Cost Estimate Sheet for Urban Development, Southern Planning Region, Phase III (2021 - 2030) (1/3)

US\$1.0=TT144.0=JY108.0 unit:million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-1		Residential District 11 (Project TAPS-1)	ha	1,251			
	1)	Direct construction cost					
	a	Residential	1,000 m2	1,177	0	434.7	434.7
	b	Office	1,000 m2	89	0	26.8	26.8
	c	Commercial	1,000 m2	31	0	6.2	6.2
		sub total a)			0	467.7	467.7
	d	Land preparation, 1 % of sub total a)	LS	1	0	4.7	4.7
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	14.0	14.0
	f	Park and greenery, 2 % of sub total a)	LS	1	0	9.4	9.4
		sub total b)			0	495.8	495.8
		VAT, 20 % of sub total b)			0	99.2	99.2
		sub total c)			0	594.9	594.9
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	17.4	17.4
	3)	Administration Expenses, 5 % of sub total b)			0	24.8	24.8
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	24.8	24.8
	5)	Contingency, 10 % of sub total c)			0	59.5	59.5
		Total cost of Project TAPS-1			0	721.4	721.4

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-2		Residential District 12 (Project TAPS-2)	ha	668			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	1	0	0.2	0.2
	c	Commercial	1,000 m2	3	0	0.6	0.6
		sub total a)			0	0.8	0.8
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.0	0.0
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	0.8	0.8
		VAT, 20 % of sub total b)			0	0.2	0.2
		sub total c)			0	1.0	1.0
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	9.3	9.3
	3)	Administration Expenses, 5 % of sub total b)			0	0.0	0.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.0	0.0
	5)	Contingency, 10 % of sub total c)			0	0.1	0.1
		Total cost of Project TAPS-2			0	10.5	10.5

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-3		Residential District 13 (Project TAPS-3)	ha	942			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	126	0	50.4	50.4
	c	Commercial	1,000 m2	65	0	12.9	12.9
		sub total a)			0	63.3	63.3
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.6	0.6
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	1.9	1.9
	f	Park and greenery, 2 % of sub total a)	LS	1	0	1.3	1.3
		sub total b)			0	67.1	67.1
		VAT, 20 % of sub total b)			0	13.4	13.4
		sub total c)			0	80.5	80.5
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	13.1	13.1
	3)	Administration Expenses, 5 % of sub total b)			0	3.4	3.4
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	3.4	3.4
	5)	Contingency, 10 % of sub total c)			0	8.1	8.1
		Total cost of Project TAPS-3			0	108.4	108.4

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-4		Residential District 14 (Project TAPS-4)	ha	1,425			
	1)	Direct construction cost					
	a	Residential	1,000 m2	477	0	211.7	211.7
	b	Office	1,000 m2	272	0	108.7	108.7
	c	Commercial	1,000 m2	34	0	6.8	6.8
		sub total a)			0	327.2	327.2
	d	Land preparation, 1 % of sub total a)	LS	1	0	3.3	3.3
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	9.8	9.8
	f	Park and greenery, 2 % of sub total a)	LS	1	0	6.5	6.5
		sub total b)			0	346.8	346.8
		VAT, 20 % of sub total b)			0	69.4	69.4
		sub total c)			0	416.2	416.2
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	19.8	19.8
	3)	Administration Expenses, 5 % of sub total b)			0	17.3	17.3
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	17.3	17.3
	5)	Contingency, 10 % of sub total c)			0	41.6	41.6
		Total cost of Project TAPS-4			0	512.3	512.3

Table O.4.13 (4) Financial Cost Estimate Sheet for Urban Development, Southern Planning Region, Phase III (2021 - 2030) (2/3)

Cost code		Sector / District / Cost Items	Unit	Quantity	US\$1.0=TT44.0=JY108.0 unit:million		
					Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-5		Residential District 15 (Project TAPS-5)	ha	820			
	1)	Direct construction cost					
	a	Residential	1,000 m2	63	0	12.7	12.7
	b	Office	1,000 m2	5	0	1.6	1.6
	c	Commercial	1,000 m2	5	0	0.9	0.9
		sub total a)			0	15.2	15.2
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.2	0.2
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.5	0.5
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.3	0.3
		sub total b)			0	16.1	16.1
		VAT, 20 % of sub total b)			0	3.2	3.2
		sub total c)			0	19.3	19.3
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	11.4	11.4
	3)	Administration Expenses, 5 % of sub total b)			0	0.8	0.8
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.8	0.8
	5)	Contingency, 10 % of sub total c)			0	1.9	1.9
		Total cost of Project TAPS-5			0	34.3	34.3

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-6		Residential District 16 (Project TAPS-6)	ha	933			
	1)	Direct construction cost					
	a	Residential	1,000 m2	518	0	139.4	139.4
	b	Office	1,000 m2	40	0	11.9	11.9
	c	Commercial	1,000 m2	17	0	0.3	0.3
		sub total a)			0	151.6	151.6
	d	Land preparation, 1 % of sub total a)	LS	1	0	1.5	1.5
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	4.5	4.5
	f	Park and greenery, 2 % of sub total a)	LS	1	0	3.0	3.0
		sub total b)			0	160.7	160.7
		VAT, 20 % of sub total b)			0	32.1	32.1
		sub total c)			0	192.8	192.8
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	13.0	13.0
	3)	Administration Expenses, 5 % of sub total b)			0	8.0	8.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	8.0	8.0
	5)	Contingency, 10 % of sub total c)			0	19.3	19.3
		Total cost of Project TAPSE-6			0	241.1	241.1

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-7		Planning District VI, new airport city (Project TAPS-7)	ha	1,885			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	0	0	0.0	0.0
	c	Commercial	1,000 m2	0	0	0.0	0.0
		sub total a)			0	0.0	0.0
	d	Land preparation, 1 % of sub total a)	LS	1	0	to be assumed	
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	to be assumed	
	f	Park and greenery, 2 % of sub total a)	LS	1	0	to be assumed	
		sub total b)			0		
		VAT, 20 % of sub total b)			0		
		sub total c)			0		
	2)	Land Acquisition and Compensation Cost (T100/m2)			0		
	3)	Administration Expenses, 5 % of sub total b)			0		
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		
	5)	Contingency, 10 % of sub total c)			0		
		Total cost of Project TAPS-7			0		

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-8		Planning District VII, sports city (Project TAPS-8)	ha				
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0	0.0
	b	Office	1,000 m2	0	0	0	0.0
	c	Commercial	1,000 m2	0	0	0	0.0
		sub total a)			0	0	0.0
	d	Land preparation, 1 % of sub total a)	LS	1	0	to be assumed	
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	to be assumed	
	f	Park and greenery, 2 % of sub total a)	LS	1	0	to be assumed	
		sub total b)			0		
		VAT, 20 % of sub total b)			0		
		sub total c)			0		
	2)	Land Acquisition and Compensation Cost (T100/m2)			0		
	3)	Administration Expenses, 5 % of sub total b)			0		
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		
	5)	Contingency, 10 % of sub total c)			0		
		Total cost of Project TAPSE-8			0		

Table O.4.13 (4) Financial Cost Estimate Sheet for Urban Development, Southern Planning Region, Phase III (2021 - 2030) (3/3)

US\$1.0=T144.0=JY108.0 unit: million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-9		Planning District VII, university (Project TAPS-9)	ha	3,789			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	11	0	3.3	3.3
	c	Commercial	1,000 m2	1	0	0.1	0.1
		sub total a)			0	3.4	3.4
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.1	0.1
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.1	0.1
		sub total b)			0	3.6	3.6
		VAT, 20 % of sub total b)			0	0.7	0.7
		sub total c)			0	4.3	4.3
	2)	Land Acquisition and Compensation Cost (T100/m2)			0	26.3	26.3
	3)	Administration Expenses, 5 % of sub total b)			0	0.2	0.2
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.2	0.2
	5)	Contingency, 10 % of sub total c)			0	0.4	0.4
		Total cost of Project TAPS-9			0	31.4	31.4

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-10		Planning District VII, international exhibition (Project TAPS-10)	ha				
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0.0	0.0
	b	Office	1,000 m2	8	0	2.3	2.3
	c	Commercial	1,000 m2	0	0	0.0	0.0
		sub total a)			0	2.3	2.3
	d	Land preparation, 1 % of sub total a)	LS	1	0	0.0	0.0
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	0.1	0.1
	f	Park and greenery, 2 % of sub total a)	LS	1	0	0.0	0.0
		sub total b)			0	2.4	2.4
		VAT, 20 % of sub total b)			0	0.5	0.5
		sub total c)			0	2.9	2.9
	2)	Land Acquisition and Compensation Cost (T100/m2)			0	0.0	0.0
	3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
	5)	Contingency, 10 % of sub total c)			0	0.3	0.3
		Total cost of Project TAPS-10			0	3.5	3.5

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-4-11		Planning District VIII (Project TAPS-11)	ha	12,686			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0	0.0
	b	Office	1,000 m2	0	0	0	0.0
	c	Commercial	1,000 m2	0	0	0	0.0
		sub total a)			0	0	0.0
	d	Land preparation, 1 % of sub total a)	LS	1	0	to be assumed	
	e	Infrastructures internal district, 3 % of sub total a)	LS	1	0	to be assumed	
	f	Park and greenery, 2 % of sub total a)	LS	1	0	to be assumed	
		sub total b)			0		
		VAT, 20 % of sub total b)			0		
		sub total c)			0		
	2)	Land Acquisition and Compensation Cost (T100/m2)			0		
	3)	Administration Expenses, 5 % of sub total b)			0		
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		
	5)	Contingency, 10 % of sub total c)			0		
		Total cost of Project TAPS-11			0		

Table O.4.13 (5) Financial Cost Estimate Sheet for Urban Development, Northwestern Planning Region, Phase III (2021 - 2030) (1/2)

US\$1.0=T144.0=JY108.0 unit: million

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-1		Residential District 1 (Project TAPNW-1)	ha	332			
	1)	Direct construction cost					
		a Residential	1,000 m2	105	0	27.7	27.7
		b Office	1,000 m2	9	0	2.6	2.6
		c Commercial	1,000 m2	6	0	1.3	1.3
		sub total a)			0	31.6	31.6
		d Land preparation, 5 % of sub total a)	LS	1	0	1.6	1.6
		e Infrastructures internal district 3, 10 % of sub total a)	LS	1	0	3.2	3.2
		f Park and greenery, 10 % of sub total a)	LS	1	0	3.2	3.2
		sub total b)			0	39.5	39.5
		VAT, 20 % of sub total b)			0	7.9	7.9
		sub total c)			0	47.4	47.4
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	4.6	4.6
	3)	Administration Expenses, 5 % of sub total b)			0	2.0	2.0
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	2.0	2.0
	5)	Contingency, 10 % of sub total c)			0	4.7	4.7
		Total cost of Project TAPNW-1			0	60.7	60.7

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-2		Residential District 2 (Project TAPNW-2)	ha	441			
	1)	Direct construction cost					
		a Residential	1,000 m2	311	0	93.4	93.4
		b Office	1,000 m2	18	0	5.3	5.3
		c Commercial	1,000 m2	10	0	1.9	1.9
		sub total a)			0	100.6	100.6
		d Land preparation, 5 % of sub total a)	LS	1	0	5.0	5.0
		e Infrastructures internal district 3, 10 % of sub total a)	LS	1	0	10.1	10.1
		f Park and greenery, 10 % of sub total a)	LS	1	0	10.1	10.1
		sub total b)			0	125.8	125.8
		VAT, 20 % of sub total b)			0	25.2	25.2
		sub total c)			0	150.9	150.9
	2)	Land Acquisition and Compensation Cost (T100/m2)			0	3.1	3.1
	3)	Administration Expenses, 5 % of sub total b)			0	6.3	6.3
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	6.3	6.3
	5)	Contingency, 10 % of sub total c)			0	15.1	15.1
		Total cost of Project TAPNW-2			0	181.6	181.6

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-3		West Industrial District (Project TAPNW-3)	ha	575			
	1)	Direct construction cost					
		a Residential	1,000 m2	0	0	0.0	0.0
		b Office	1,000 m2	6	0	1.8	1.8
		c Commercial	1,000 m2	0	0	0.0	0.0
		sub total a)			0	1.8	1.8
		d Land preparation, 5 % of sub total a)	LS	1	0	0.1	0.1
		e Infrastructures internal district 3, 10 % of sub total a)	LS	1	0	0.2	0.2
		f Park and greenery, 10 % of sub total a)	LS	1	0	0.2	0.2
		sub total b)			0	2.3	2.3
		VAT, 20 % of sub total b)			0	0.5	0.5
		sub total c)			0	2.7	2.7
	2)	Land Acquisition and Compensation Cost (T100/m2)			0	4.0	4.0
	3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
	5)	Contingency, 10 % of sub total c)			0	0.3	0.3
		Total cost of Project TAPNW-3			0	7.2	7.2

Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-4		Residential District 4B (Project TAPNW-4)	ha	685			
	1)	Direct construction cost					
		a Residential	1,000 m2	0	0	0.0	0.0
		b Office	1,000 m2	2	0	0.5	0.5
		c Commercial	1,000 m2	9	0	1.8	1.8
		sub total a)			0	2.3	2.3
		d Land preparation, 5 % of sub total a)	LS	1	0	0.1	0.1
		e Infrastructures internal district, 10 % of sub total a)	LS	1	0	0.2	0.2
		f Park and greenery, 10 % of sub total a)	LS	1	0	0.2	0.2
		sub total b)			0	2.9	2.9
		VAT, 20 % of sub total b)			0	0.6	0.6
		sub total c)			0	3.5	3.5
	2)	Land Acquisition and Compensation Cost (T200/m2)			0	9.5	9.5
	3)	Administration Expenses, 5 % of sub total b)			0	0.1	0.1
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0	0.1	0.1
	5)	Contingency, 10 % of sub total c)			0	0.3	0.3
		Total cost of Project TAPNW-4			0	13.6	13.6

Table O.4.13 (5) Financial Cost Estimate Sheet for Urban Development, Northwestern Planning Region, Phase III (2021 - 2030) (2/2)

				US\$1.0=T144.0=JY108.0		unit:million	
Cost code		Sector / District / Cost Items	Unit	Quantity	Investment Cost (US\$)		
					Foreign Currency	Local Currency	Total, equivalent
10-5-5		Planning District IX (Project TAPNW-5)	ha	7,876			
	1)	Direct construction cost					
	a	Residential	1,000 m2	0	0	0	0.0
	b	Office	1,000 m2	0	0	0	0.0
	c	Commercial	1,000 m2	0	0	0	0.0
		sub total a)			0	0	0.0
	d	Land preparation, 5 % of sub total a)	LS	1	0	to be assumed	
	e	Infrastructures internal district 3, 10 % of sub total a)	LS	1	0	to be assumed	
	f	Park and greenery, 10 % of sub total a)	LS	1	0	to be assumed	
		sub total b)			0		
		VAT, 20 % of sub total b)			0		
		sub total c)			0		
	2)	Land Acquisition and Compensation Cost (T100/m2)			0		
	3)	Administration Expenses, 5 % of sub total b)			0		
	4)	Engineering Services Cost w/VAT, 5 % of sub total b)			0		
	5)	Contingency, 10 % of sub total c)			0		
		Total cost of Project TAPNW-5			0		