

TABLES

XV PROJECT COST ESTIMATE

Table XV.1.1 UNIT COST OF CONSTRUCTION MATERIALS

No.	Item	Unit	F.C. (Rp.)	L.C. (Rp.)	Total (Rp.)
1	Portland Cement	ton	85,000	85,000	170,000
2	Concrete Aggregate, Coarse	cu m	0	40,000	40,000
3	Concrete Aggregate, Fine	cu m	0	20,000	20,000
4	Crusher Run	cu m	0	35,000	35,000
5	Cobble Stone	cu m	0	40,000	40,000
6	Water Reducing Agent	li	1,280	320	1,600 *
7	Air Bubble Agent	li	5,600	1,400	7,000 *
8	Timber Plank	cu m	0	200,000	200,000 *
9	Timber, Square	cu m	0	180,000	180,000 *
10	Plywood, 1.2mx2.4mx12mm	pcs	0	30,000	30,000 *
11	Round Bar	ton	800,000	200,000	1,000,000 *
12	Deformed Bar	ton	880,000	220,000	1,100,000 *
13	Separator	m	1,440	360	1,800 *
14	Form Oil	li	1,000	1,000	2,000 *
15	Galvanized Pipe, 75mm dia.	m	6,000	1,500	7,500 *
16	Galvanized Pipe, 100mm dia.	m	12,800	3,200	16,000 *
17	Galvanized Pipe, 150mm dia.	m	20,000	5,000	25,000 *
18	PVC Pipe, 50mm dia.	m	1,500	1,500	3,000 *
19	PVC Pipe, 200mm dia.	m	16,500	16,500	33,000 *
20	Nail	kg	1,000	1,000	2,000
21	Tie Wire	kg	1,000	1,000	2,000
22	Gasoline	li	350	350	700
23	Light Oil	li	190	190	380
24	Lubricant Oil	li	2,250	2,250	4,500
25	Hydraulic Oil	li	2,500	2,500	5,000
26	Grease	kg	2,500	2,500	5,000
27	Concrete Pipe, 15mm dia.	m	2,250	2,250	4,500
28	Concrete Pipe, 30cm dia.	m	4,500	4,500	9,000
29	Concrete Pipe, 50cm dia.	m	9,500	9,500	19,000
30	Concrete Pile, 30cm square	m	50,000	50,000	100,000
31	Concrete Sheet Pile, 20x50cm	m	50,000	50,000	100,000
32	Steel Sheet Pile	kg	2,080	520	2,600
33	Metal Form	sq m	15,200	3,800	19,000

Note : * Unit Price in Bangkinang

Table XV.1.2 BASIC LABOR WAGES

No.	Item	Unit	Cost (Rp.)
1	Foremen	md	10,000
2	Dredger Operator	md	10,000
3	Welder	md	8,500
4	Operator	md	8,500
5	Electrician	md	8,500
6	Dredger Crew	md	8,500
7	Mechanic	md	8,500
8	Mason	md	7,000
9	Painter	md	6,000
10	Driver	md	8,500
11	Concrete Worker	md	6,000
12	Steel Worker	md	7,000
13	Asphalt Worker	md	7,000
14	Carpenter	md	7,000
15	Skilled Laborer	md	7,000
16	Assistant Operator	md	5,500
17	Assistant Driver	md	5,500
18	Common Laborer	md	5,000

Table XV.1.3 UNIT PRICE OF HEAVY EQUIPMENT

No.	Equipment	Power (HP)	Total Weight of Equipment (ton)	Economic Life (yr)	Annual Working Hour (hr/yr)	Hourly Fuel Consumption (li/hr)	Price* (1,000 Rp.)
1	Bulldozer, 11 ton	130.0	14.00	5	2,000	15.6	293,000
2	Bulldozer, 15 ton	160.0	17.00	5	2,000	19.2	309,000
3	Bulldozer, 21 ton	228.0	25.20	5	2,000	27.4	342,000
4	Bulldozer with Ripper, 21 ton	228.0	27.00	5	2,000	31.9	402,000
5	Bulldozer with Ripper, 32 ton	315.0	39.00	5	2,000	44.1	756,000
6	Swamp Bulldozer, 16 ton	170.0	19.40	5	2,000	20.4	343,000
7	Backhoe, 0.4 cu m	80.0	10.70	5	2,000	10.4	185,000
8	Backhoe, 0.7 cu m	125.0	18.90	5	2,000	16.3	263,000
9	Backhoe, 1.20 cu m	210.0	29.80	5	2,000	27.3	537,000
10	Truck Mixer, 3.0 cu m	220.0	7.40	5	2,000	8.8	113,000
11	Truck, 4.5 ton	183.0	3.40	5	2,000	7.3	58,000
12	Dumptruck, 8 ton	253.0	7.10	5	2,000	10.1	111,000
13	Dumptruck, 11 ton	334.0	9.55	8	2,000	13.4	156,000
14	Crawler Crane, 16 ton	96.0	22.40	5	2,000	6.7	321,000
15	Crawler Crane, 27 ton	115.0	27.75	5	2,000	8.1	406,000
16	Crawler Crane, 37 ton	117.0	37.35	5	2,000	8.2	570,000
17	Truck Crane, 16 ton	230.0	19.80	5	2,000	6.9	361,000
18	Tire Roller, 8 ton	99.0	10.10	5	2,000	6.9	142,000
19	Diesel Hammer	102.0	59.50	5	2,000	13.3	710,000
20	Portable Concrete Mixer, 0.50 cu m	7.4	7.40	2	2,000	-	60,000
21	Concrete Plant, 55 cu m/hr	49.0	50.00	15	2,000	-	631,000
22	Air Compressor, 5.0 cu m/min	46.0	0.99	5	2,000	6.4	76,000
23	Air Compressor, 7.5 cu m/min	65.0	1.10	5	2,000	9.1	83,000
24	Generator, 10 KVA	15.4	0.57	5	2,000	1.8	17,000
25	Generator, 20 KVA	27.0	0.77	5	2,000	3.2	34,000
26	Generator, 40 KVA	61.0	1.05	5	2,000	7.3	38,000
27	Generator, 125 KVA	153.0	2.20	5	2,000	18.4	76,000
28	Generator, 150 KVA	187.5	2.80	5	2,000	22.0	97,000
29	Wheel Loader, 0.60 cu m	47.0	3.85	5	2,000	4.7	69,000
30	Wheel Loader, 0.80 cu m	54.0	4.65	5	2,000	5.4	87,000
31	Pontoon Barge, 200 ton	-	-	15	2,000	-	422,000
32	Scow, 150 cu m	-	-	15	2,000	-	147,000
33	Backhoe with Breaker, 600 kg	125.0	18.97	5	2,000	16.3	380,700

Note : * delivery duty paid, VAT excluded

**Table XV.1.4 UNIT COST OF LAND ACQUISITION
AND COMPENSATION FOR HOUSE EVACUATION**

Item	Unit	Cost (Rp.)
I. House Evacuation		
Residential House		
- Permanent	unit	12,000,000
- Semi-Permanent	unit	4,000,000
- Temporary	unit	2,000,000
Building		
- Office (Commercial)	unit	20,000,000
- Factory	unit	25,000,000
- Shops	unit	15,000,000
- Hospital (Clinic)	unit	12,000,000
- Government Building	unit	25,000,000
- School	unit	55,000,000
II. Land Acquisition		
Residential House *		
- Near National Road	sq m	3,000
- Near Provincial Road	sq m	1,500
- Near District Road	sq m	1,000
- Near Sub-District Road	sq m	600
Commercial Area	sq m	4,000
Estate (Plant+Land)		
- Rubber	ha	3,200,000
- Coconut	ha	2,900,000
- Others	ha	2,200,000
Paddy Land		
- Wet Paddy (Urban)	ha	20,000,000
- Wet Paddy (Rural)	ha	10,000,000
- Dry Paddy	ha	2,500,000
Other Cultivated Land	ha	1,000,000
Pasture Land	ha	500,000
Fish Pond	ha	21,000,000

Note : * Double costs were applied for residential areas in town

**Table XV.1.5 (1/4) FINANCIAL COST OF KAMPAR KANAN WATER SUPPLY PROJECT
- KUOK INTAKE WEIR/RANTAUBERANGIN IRRIGATION SYSTEM CONSTRUCTION WORKS (INITIAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		Total (Mill. Rp.)
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	
I. Construction Base Cost					89,152	47,913	137,065
1. Preparatory Works (10% of Item 2)					8,105	4,356	12,460
2. Irrigation Facilities					81,047	43,557	124,605
a. Head Works					32,105	16,368	48,474
- Excavation	13,400	cu m	8,000	2,000	107	27	134
- Backfill	3,300	cu m	7,200	1,800	24	6	30
- Embankment	12,300	cu m	9,600	2,400	118	30	148
- Weir					17,960	10,283	28,243
Concrete	7,750	cu m	285,000	285,000	2,209	2,209	4,418
Apron	7,000	sq m	80,000	120,000	560	840	1,400
Riverbed Protection	5,600	sq m	0	120,000	0	672	672
Gate	481	sq m	31,500,000	13,500,000	15,152	6,494	21,645
Revetment	1,460	sq m	27,000	47,000	39	69	108
- Foundation Works	1	l.s.	0	0	1,796	1,028	2,824
- Temporary Coffier	1	l.s.	0	0	460	482	942
- Intake					6,245	2,930	9,176
Concrete	1,920	cu m	210,000	210,000	403	403	806
Gate	137	sq m	38,500,000	16,500,000	5,275	2,261	7,535
Foundation Works	1	l.s.	0	0	568	266	834
- Flushing Gate					2,136	999	3,135
Concrete	630	cu m	210,000	210,000	132	132	265
Gate	47	sq m	38,500,000	16,500,000	1,810	776	2,585
Foundation Works	1	l.s.	0	0	194	91	285
- Steel Stop Log	41	ton	910,000	390,000	37	16	53
- Control Bridge	1,895	sq m	1,700,000	300,000	3,222	569	3,790
- Control House	0	sq m	120,000	480,000	0	0	0
b. Head Reach & Main Canal					27,408	20,800	48,207
- Left Bank (L=44 km)					16,122	11,870	27,992
Excavation	924,000	cu m	4,800	1,200	4,435	1,109	5,544
Embankment	396,000	cu m	3,600	900	1,426	356	1,782
Concrete Lining	36,100	cu m	137,700	137,700	4,971	4,971	9,942
Footing	44,000	cu m	48,000	82,000	2,112	3,608	5,720
Expansion Joint	82,000	m	36,800	1,200	3,018	98	3,116
Weep Hole	1,200	unit	800	17,600	1	21	22
Gravel Metaling	26,400	cu m	0	60,200	0	1,589	1,589
Regulation Ponds	1	l.s.	0	0	160	118	277
- Right Bank (L=40 km)					11,286	8,929	20,215
Excavation	407,000	cu m	4,800	1,200	1,954	488	2,442
Embankment	210,000	cu m	3,600	900	756	189	945
Concrete Lining	24,000	cu m	137,700	137,700	3,305	3,305	6,610
Footing	40,000	cu m	48,000	82,000	1,920	3,280	5,200
Expansion Joint	88,000	m	36,800	1,200	3,238	106	3,344
Weep Hole	1,600	unit	800	17,600	1	28	29
Gravel Metaling	24,000	cu m	0	60,200	0	1,445	1,445
Regulation Ponds	1	l.s.	0	0	112	88	200
c. Left Bank Irrigation System					16,049	4,762	20,810
- Existing/Rainfed	553	ha	546,000	162,000	302	90	392
- Existing/Undeveloped	2,781	ha	2,184,000	648,000	6,074	1,802	7,876
- New/Undeveloped	4,429	ha	2,184,000	648,000	9,673	2,870	12,543
d. Right Bank Irrigation System					5,486	1,628	7,113
- Existing/Rainfed	375	ha	546,000	162,000	205	61	266
- Existing/Undeveloped	2,141	ha	2,184,000	648,000	4,676	1,387	6,063
- New/Undeveloped	277	ha	2,184,000	648,000	605	179	784

**Table XV.15 (2/4) FINANCIAL COST OF KAMPAR KANAN WATER SUPPLY PROJECT
- KUOK INTAKE WEIR/RANTAUBERANGIN IRRIGATION SYSTEM CONSTRUCTION WORKS (INITIAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
II. Compensation Cost -----					0	4,620	4,620
1. Land Acquisition -----					0	660	660
a. Left Bank (L=44 km) -----					0	390	390
- Right of Way	130.0	ha	0	3,000,000	0	390	390
b. Right Bank (L=40 km) -----					0	270	270
- Right of Way	90.0	ha	0	3,000,000	0	270	270
2. Compensation -----					0	3,960	3,960
a. Left Bank (L=44 km) -----					0	2,120	2,120
- Permanent House	150	unit	0	12,000,000	0	1,800	1,800
- Semi-Permanent	80	unit	0	4,000,000	0	320	320
b. Right Bank (L=40 km) -----					0	1,840	1,840
- Permanent House	130	unit	0	12,000,000	0	1,560	1,560
- Semi-Permanent	70	unit	0	4,000,000	0	280	280
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	7,084	7,084
IV. Engineering Cost ----- (10% of Item I)					8,915	4,791	13,707
V. Physical Contingency (10% of Items I, II & IV) -----					9,807	5,732	15,539
VI. Total (Items I to V) -----					107,874	70,141	178,015
VII. Value Added Tax (10% of Item VI) -----					0	17,802	17,802
VIII. Grand Total -----					107,874	87,942	195,817

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.5 (3/4) FINANCIAL COST OF KAMPAR KANAN WATER SUPPLY PROJECT
- RANTAUBERANGIN IRRIGATION SYSTEM CONSTRUCTION WORKS (FINAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		Total (Mill. Rp.)
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	
I. Construction Base Cost -----					39,159	20,975	60,134
1. Preparatory Works ----- (10% of Item 2)					3,560	1,907	5,467
2. Irrigation Facilities -----					35,599	19,069	54,668
a. Head Works -----					0	0	0
- Excavation	0	cu m	8,000	2,000	0	0	0
- Backfill	0	cu m	7,200	1,800	0	0	0
- Embankment	0	cu m	9,600	2,400	0	0	0
- Weir -----					0	0	0
Concrete	0	cu m	285,000	285,000	0	0	0
Apron	0	sq m	80,000	120,000	0	0	0
Riverbed Protection	0	sq m	0	120,000	0	0	0
Gate	0	sq m	31,500,000	13,500,000	0	0	0
Revetment	0	sq m	27,000	47,000	0	0	0
Foundation Works	0	l.s.	0	0	0	0	0
Temporary Cofferdam	0	l.s.	0	0	0	0	0
- Intake -----					0	0	0
Concrete	0	cu m	210,000	210,000	0	0	0
Gate	0	sq m	38,500,000	16,500,000	0	0	0
Foundation Works	0	l.s.	0	0	0	0	0
- Flushing Gate -----					0	0	0
Concrete	0	cu m	210,000	210,000	0	0	0
Gate	0	sq m	38,500,000	16,500,000	0	0	0
Foundation Works	0	l.s.	0	0	0	0	0
- Steel Stop Log	0	ton	910,000	390,000	0	0	0
- Control Bridge	0	sq m	1,700,000	300,000	0	0	0
- Control House	0	sq m	120,000	480,000	0	0	0
b. Head Reach & Main Canal -----					22,303	15,124	37,426
- Left Bank (L=84 km) -----					22,303	15,124	37,426
Excavation	1,411,000	cu m	4,800	1,200	6,773	1,693	8,466
Embankment	434,000	cu m	3,600	900	1,562	391	1,953
Concrete Lining	44,800	cu m	137,700	137,700	6,169	6,169	12,338
Footing	62,000	cu m	48,000	82,000	2,976	5,084	8,060
Expansion Joint	125,000	m	36,800	1,200	4,600	150	4,750
Weep Hole	2,400	unit	800	17,600	2	42	44
Gravel Metaling	24,000	cu m	0	60,200	0	1,445	1,445
Regulation Ponds	1	l.s.	0	0	221	150	371
- Right Bank (L=0 km) -----					0	0	0
Excavation	0	cu m	4,800	1,200	0	0	0
Embankment	0	cu m	3,600	900	0	0	0
Concrete Lining	0	cu m	137,700	137,700	0	0	0
Footing	0	cu m	48,000	82,000	0	0	0
Expansion Joint	0	m	36,800	1,200	0	0	0
Weep Hole	0	unit	800	17,600	0	0	0
Gravel Metaling	0	cu m	0	60,200	0	0	0
Regulation Ponds	0	l.s.	0	0	0	0	0
c. Left Bank Irrigation System -----					13,296	3,945	17,241
- Existing/Rainfed	0	ha	546,000	162,000	0	0	0
- Existing/Undeveloped	0	ha	2,184,000	648,000	0	0	0
- New/Undeveloped	6,088	ha	2,184,000	648,000	13,296	3,945	17,241
d. Right Bank Irrigation System -----					0	0	0
- Existing/Rainfed	0	ha	546,000	162,000	0	0	0
- Existing/Undeveloped	0	ha	2,184,000	648,000	0	0	0
- New/Undeveloped	0	ha	2,184,000	648,000	0	0	0

**Table XV.1.5 (4/4) FINANCIAL COST OF KAMPAR KANAN WATER SUPPLY PROJECT
- RANTAUBERANGIN IRRIGATION SYSTEM CONSTRUCTION WORKS (FINAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
II. Compensation Cost -----					0	2,500	2,500
I. Land Acquisition -----					0	420	420
a. Left Bank (L=84 km) -----					0	420	420
- Right of Way	140.0	ha	0	3,000,000	0	420	420
b. Right Bank (L=0 km) -----					0	0	0
- Right of Way	0.0	ha	0	3,000,000	0	0	0
2. Compensation -----					0	2,080	2,080
a. Left Bank (L=84 km) -----					0	2,080	2,080
- Permanent House	150	unit	0	12,000,000	0	1,800	1,800
- Semi-Permanent	70	unit	0	4,000,000	0	280	280
b. Right Bank (L=0 km) -----					0	0	0
- Permanent House	0	unit	0	12,000,000	0	0	0
- Semi-Permanent	0	unit	0	4,000,000	0	0	0
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	3,132	3,132
IV. Engineering Cost ----- (10% of Item I)					3,916	2,098	6,013
V. Physical Contingency (10% of Items I, II & IV) -----					4,307	2,557	6,865
VI. Total (Items I to V) -----					47,382	31,262	78,644
VII. Value Added Tax (10% of Item VI) -----					0	7,864	7,864
VIII. Grand Total -----					47,382	39,126	86,509

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.6 (1/2) FINANCIAL COST OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT
- BANGKINANG AREA RIVER IMPROVEMENT WORKS (INITIAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost -----					104,888	71,183	176,071
1. Preparatory Works ----- (10% of Item 2)					9,535	6,471	16,006
2. Main Civil Works -----					95,353	64,711	160,064
a. Dredging/Excavation	5,600,000	cu m	5,200	1,300	29,120	7,280	36,400
b. Earth Dike -----					11,152	10,910	22,062
- Stripping/Clearing	1,970,000	sq m	0	1,200	0	2,364	2,364
- Embankment	4,170,000	cu m	2,600	1,000	10,842	4,170	15,012
- Sodding	1,551,000	sq m	200	1,800	310	2,792	3,102
- Filter	0	cu m	0	44,000	0	0	0
- Gravel Metaling	44,000	cu m	0	36,000	0	1,584	1,584
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice -----					29,207	22,950	52,157
- Type A	8	unit	355,000,000	279,000,000	2,840	2,232	5,072
- Type B	5	unit	587,000,000	462,000,000	2,935	2,310	5,245
- Type C	8	unit	896,000,000	704,000,000	7,168	5,632	12,800
- Type D	8	unit	1,109,000,000	871,000,000	8,872	6,968	15,840
- Type E	4	unit	1,848,000,000	1,452,000,000	7,392	5,808	13,200
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment -----					3,901	6,762	10,663
- Low Water Channel	113,000	sq m	27,000	47,000	3,051	5,311	8,362
- High Water Channel	35,400	sq m	24,000	41,000	850	1,451	2,301
f. Groin	57	set	33,000,000	32,000,000	1,881	1,824	3,705
g. Bridge -----					4,200	4,200	8,400
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	4,200	sq m	1,000,000	1,000,000	4,200	4,200	8,400
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	15,892	10,785	26,677
II. Compensation Cost -----					0	2,591	2,591
1. Land Acquisition					0	591	591
2. Compensation -----					0	2,000	2,000
a. Permanent House	100	unit	0	12,000,000	0	1,200	1,200
b. Semi-Permanent	200	unit	0	4,000,000	0	800	800
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	8,933	8,933
IV. Engineering Cost ----- (10% of Item I)					10,489	7,118	17,607
V. Physical Contingency (10% of Items I, II & IV) -----					11,538	8,089	19,627
VI. Total (Items I to V) -----					126,915	97,914	224,829
VII. Value Added Tax (10% of Item VI) -----					0	22,483	22,483
VIII. Grand Total -----					126,915	120,397	247,312

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.6 (2/2) FINANCIAL COST OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT
- BANGKINANG AREA RIVER IMPROVEMENT WORKS (FINAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C.	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					37,302	36,097	73,399
1. Preparatory Works (10% of Item 2)					3,391	3,282	6,673
2. Main Civil Works					33,911	32,815	66,726
a. Dredging/Excavation	0	cu m	5,200	1,300	0	0	0
b. Earth Dike					27,861	26,665	54,526
- Stripping/Clearing	880,000	sq m	0	1,200	0	1,056	1,056
- Embankment	3,720,000	cu m	7,400	2,200	27,528	8,184	35,712
- Sodding	1,663,000	sq m	200	1,800	333	2,993	3,326
- Filter	292,000	cu m	0	44,000	0	12,848	12,848
- Gravel Metaling	44,000	cu m	0	36,000	0	1,584	1,584
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice					0	0	0
- Type A	0	unit	355,000,000	279,000,000	0	0	0
- Type B	0	unit	587,000,000	462,000,000	0	0	0
- Type C	0	unit	896,000,000	704,000,000	0	0	0
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment					398	681	1,079
- Low Water Channel	0	sq m	27,000	47,000	0	0	0
- High Water Channel	16,600	sq m	24,000	41,000	398	681	1,079
f. Groin	0	set	33,000,000	32,000,000	0	0	0
g. Bridge					0	0	0
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	0	sq m	1,000,000	1,000,000	0	0	0
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	5,652	5,469	11,121
II. Compensation Cost					0	2,000	2,000
1. Land Acquisition	160	ha	0	3,000,000	0	480	480
2. Compensation					0	1,520	1,520
a. Permanent House	60	unit	0	12,000,000	0	720	720
b. Semi-Permanent	200	unit	0	4,000,000	0	800	800
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	3,770	3,770
IV. Engineering Cost (10% of Item I)					3,730	3,610	7,340
V. Physical Contingency (10% of Items I, II & IV)					4,103	4,171	8,274
VI. Total (Items I to V)					45,135	49,647	94,782
VII. Value Added Tax (10% of Item VI)					0	9,478	9,478
VIII. Grand Total					45,135	59,125	104,260

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

**Table XV.1.7 (1/2) FINANCIAL COST OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT
- LOWER KAMPAR KANAN RIVER IMPROVEMENT WORKS (INITIAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					179,137	105,216	284,353
1. Preparatory Works (10% of Item 2)					16,285	9,565	25,850
2. Main Civil Works					162,852	95,651	258,503
a. Dredging/Excavation	12,460,000	cu m	5,200	1,300	64,792	16,198	80,990
b. Earth Dike					24,874	19,611	44,485
- Stripping/Clearing	3,224,000	sq m	0	1,200	0	3,869	3,869
- Embankment	9,365,000	cu m	2,600	1,000	24,349	9,365	33,714
- Sodding	2,623,000	sq m	200	1,800	525	4,721	5,246
- Filter	0	cu m	0	44,000	0	0	0
- Gravel Metaling	46,000	cu m	0	36,000	0	1,656	1,656
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice					32,819	25,789	58,608
- Type A	1	unit	355,000,000	279,000,000	355	279	634
- Type B	6	unit	587,000,000	462,000,000	3,522	2,772	6,294
- Type C	6	unit	896,000,000	704,000,000	5,376	4,224	9,600
- Type D	6	unit	1,109,000,000	871,000,000	6,654	5,226	11,880
- Type E	8	unit	1,848,000,000	1,452,000,000	14,784	11,616	26,400
- Type F	1	unit	2,128,000,000	1,672,000,000	2,128	1,672	3,800
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment					6,795	11,791	18,586
- Low Water Channel	209,000	sq m	27,000	47,000	5,643	9,823	15,466
- High Water Channel	48,000	sq m	24,000	41,000	1,152	1,968	3,120
f. Groin	110	set	33,000,000	32,000,000	3,630	3,520	7,150
g. Bridge					2,800	2,800	5,600
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	2,800	sq m	1,000,000	1,000,000	2,800	2,800	5,600
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	27,142	15,942	43,084
II. Compensation Cost					0	3,200	3,200
1. Land Acquisition	400	ha	0	3,000,000	0	1,200	1,200
2. Compensation					0	2,000	2,000
a. Permanent House	150	unit	0	12,000,000	0	1,800	1,800
b. Semi-Permanent	50	unit	0	4,000,000	0	200	200
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	14,378	14,378
IV. Engineering Cost (10% of Item I)					17,914	10,522	28,435
V. Physical Contingency (10% of Items I, II & IV)					19,705	11,894	31,599
VI. Total (Items I to V)					216,755	145,209	361,965
VII. Value Added Tax (10% of Item VI)					0	36,196	36,196
VIII. Grand Total					216,755	181,406	398,161

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

**Table XV.1.7 (2/2) FINANCIAL COST OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT
- LOWER KAMPAR KANAN RIVER IMPROVEMENT WORKS (FINAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		Total (Mill. Rp.)
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	
I. Construction Base Cost					46,237	38,895	85,132
1. Preparatory Works (10% of Item 2)					4,203	3,536	7,739
2. Main Civil Works					42,033	35,359	77,393
a. Dredging/Excavation	0	cu m	5,200	1,300	0	0	0
b. Earth Dike					34,500	28,564	63,064
- Stripping/Clearing	734,000	sq m	0	1,200	0	881	881
- Embankment	4,627,000	cu m	7,400	2,200	34,240	10,179	44,419
- Sodding	1,300,000	sq m	200	1,800	260	2,340	2,600
- Filter	307,000	cu m	0	44,000	0	13,508	13,508
- Gravel Metaling	46,000	cu m	0	36,000	0	1,656	1,656
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice					0	0	0
- Type A	0	unit	355,000,000	279,000,000	0	0	0
- Type B	0	unit	587,000,000	462,000,000	0	0	0
- Type C	0	unit	896,000,000	704,000,000	0	0	0
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment					528	902	1,430
- Low Water Channel	0	sq m	27,000	47,000	0	0	0
- High Water Channel	22,000	sq m	24,000	41,000	528	902	1,430
f. Groin	0	set	33,000,000	32,000,000	0	0	0
g. Bridge					0	0	0
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	0	sq m	1,000,000	1,000,000	0	0	0
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	7,006	5,893	12,899
II. Compensation Cost					0	699	699
1. Land Acquisition	73	ha	0	3,000,000	0	219	219
2. Compensation					0	480	480
a. Permanent House	30	unit	0	12,000,000	0	360	360
b. Semi-Permanent	30	unit	0	4,000,000	0	120	120
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	4,292	4,292
IV. Engineering Cost (10% of Item I)					4,624	3,890	8,513
V. Physical Contingency (10% of Items I, II & IV)					5,086	4,348	9,434
VI. Total (Items I to V)					55,946	52,124	108,070
VII. Value Added Tax (10% of Item VI)					0	10,807	10,807
VIII. Grand Total					55,946	62,931	118,877

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.8 (1/2) FINANCIAL COST OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT
- KAMPAR KIRI NO.1 DAM CONSTRUCTION WORKS -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost -----					313,881	152,498	466,379
1. Preparatory Works ----- (10% of Items 2 & 3)					15,124	11,925	27,049
2. Access Road -----					3,354	4,356	7,710
a. New Road	12,000	m	160,000	240,000	1,920	2,880	4,800
b. Road Widening	10,000	m	8,400	12,600	84	126	210
c. Bridge	180	m	7,500,000	7,500,000	1,350	1,350	2,700
3. Main Civil Works -----					147,891	114,893	262,784
a. Diversion Tunnel -----					30,315	20,242	50,557
- Open Excavation	116,000	cu m	8,600	6,400	998	742	1,740
- Tunnel Excavation	82,900	cu m	180,000	120,000	14,922	9,948	24,870
- Concrete Lining (Reinforced)	17,800	cu m	360,000	240,000	6,408	4,272	10,680
- Grouting	400	ton	2,480,000	1,520,000	992	608	1,600
- Others (30%)	1	l.s.	0	0	6,996	4,671	11,667
b. Dam -----					73,022	48,968	121,990
- Open Excavation	500,000	cu m	8,600	6,400	4,300	3,200	7,500
- Embankment	4,600,000	cu m	13,200	8,800	60,720	40,480	101,200
- Grouting	550	ton	2,480,000	1,520,000	1,364	836	2,200
- Others (10%)	1	l.s.	0	0	6,638	4,452	11,090
c. Spillway -----					32,812	33,423	66,235
- Open Excavation	1,250,000	cu m	8,600	6,400	10,750	8,000	18,750
- Excavation, Dam Embankment	0	cu m	0	0	0	0	0
- Concrete, Spillway (Reinforced)	115,000	cu m	126,000	154,000	14,490	17,710	32,200
- Others (30%)	1	l.s.	0	0	7,572	7,713	15,285
d. River Outlet -----					3,070	3,319	6,389
- Open Excavation	9,700	cu m	8,600	6,400	83	62	146
- Shaft Excavation	1,800	cu m	114,000	86,000	205	155	360
- Concrete, Valve House (Reinforced)	8,700	cu m	148,500	181,500	1,292	1,579	2,871
- Concrete, Shaft Lining (Reinforced)	320	cu m	157,500	192,500	50	62	112
- Mass Concrete, Plug	11,600	cu m	100,000	100,000	1,160	1,160	2,320
- Others (10%)	1	l.s.	0	0	279	302	581
e. Penstock -----					699	653	1,352
- Random Backfill	13,800	cu m	4,000	1,000	55	14	69
- Concrete, Backfill	5,800	cu m	100,000	100,000	580	580	1,160
- Others (10%)	1	l.s.	0	0	64	59	123
f. Powerhouse and Tailrace -----					7,869	8,180	16,049
- Open Excavation	76,000	cu m	8,600	6,400	654	486	1,140
- Concrete, Powerhouse (Reinforced)	37,500	cu m	144,000	156,000	5,400	5,850	11,250
- Finishing Work	4,000	cu m	275,000	275,000	1,100	1,100	2,200
- Others (10%)	1	l.s.	0	0	715	744	1,459

Table XV.1.8 (2/2) FINANCIAL COST OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT
- KAMPAR KIRI NO.1 DAM CONSTRUCTION WORKS -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
g. Switchyard					103	109	212
- Open Excavation	1,200	cu m	8,600	6,400	10	8	18
- Concrete, Switchyard (Reinforced)	700	cu m	120,000	130,000	84	91	175
- Others (10%)	1	l.s.	0	0	9	10	19
4. Hydro-Mechanical Works					37,472	4,164	41,635
a. Diversion Tunnel							
Gates (Slide)	40	ton	9,900,000	1,100,000	396	44	440
b. Spillway Gates (Radial)	1,060	ton	13,500,000	1,500,000	14,310	1,590	15,900
c. River Outlet Intake							
Gate (slide)	140	ton	13,500,000	1,500,000	1,890	210	2,100
d. River Outlet Main Valve	1	l.s.	0	0	1,512	168	1,680
e. River Outlet Guard Valve	1	l.s.	0	0	504	56	560
f. Power Tailrace Gate	160	ton	9,900,000	1,100,000	1,584	176	1,760
g. River Outlet Steel Pipe	30	ton	9,900,000	1,100,000	297	33	330
h. Power Intake Screen	15	ton	9,900,000	1,100,000	149	17	165
i. Power Steel Penstock	1,700	ton	9,900,000	1,100,000	16,830	1,870	18,700
5. Turbines, Generators & GIS	1	l.s.	0	0	94,500	10,500	105,000
6. Transmission Line	1	l.s.	0	0	15,540	6,660	22,200
II. Compensation Cost	1	l.s.	0	0	0	6,000	6,000
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	23,619	23,619
IV. Engineering Cost (10% of Item I)					31,388	15,250	46,638
V. Physical Contingency (10% of Items I, II & IV)					34,527	17,375	51,902
VI. Total (Items I to V)					379,796	214,741	594,537
VII. Value Added Tax (10% of Item VI)					0	59,454	59,454
VIII. Grand Total					379,796	274,195	653,991

Note : *1 Figures may not add up to totals due to rounding

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.9 (1/2) FINANCIAL COST OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT
- KAMPAR KIRI NO.2 DAM CONSTRUCTION WORKS -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
1. Construction Base Cost -----					131,048	83,877	214,925
1. Preparatory Works ----- (10% of Items 2 & 3)					7,237	6,938	14,174
2. Access Road -----					1,430	1,769	3,199
a. New Road	4,000	m	160,000	240,000	640	960	1,600
b. Road Widening	5,500	m	7,200	10,800	40	59	99
c. Bridge	100	m	7,500,000	7,500,000	750	750	1,500
3. Main Civil Works -----					70,936	67,609	138,544
a. Diversion Tunnel -----					7,971	5,327	13,297
- Open Excavation	17,900	cu m	8,600	6,400	154	115	269
- Tunnel Excavation	27,200	cu m	180,000	120,000	4,896	3,264	8,160
- Concrete Lining (Reinforced)	6,100	cu m	360,000	240,000	2,196	1,464	3,660
- Others (10%)	1	l.s.	0	0	725	484	1,209
b. Cofferdam -----					1,410	1,328	2,737
- Open Excavation	15,400	cu m	8,600	6,400	132	99	231
- Embankment (Initial Cofferdam)	8,100	cu m	15,000	10,000	122	81	203
- Mass Concrete (Second Cofferdam)	13,700	cu m	75,000	75,000	1,028	1,028	2,055
- Others (10%)	1	l.s.	0	0	128	121	249
c. Main Dam and Spillway -----					57,209	56,630	113,839
- Open Excavation	290,000	cu m	8,600	6,400	2,494	1,856	4,350
- Mass Concrete, Dam	590,000	cu m	75,000	75,000	44,250	44,250	88,500
- Concrete, Spillway (Reinforced)	28,000	cu m	126,000	154,000	3,528	4,312	7,840
- Grouting	700	ton	2,480,000	1,520,000	1,736	1,064	2,800
- Others (10%)	1	l.s.	0	0	5,201	5,148	10,349
d. Penstock -----					0	0	0
- Random Backfill	0	cu m	4,000	1,000	0	0	0
- Concrete, Backfill	0	cu m	100,000	100,000	0	0	0
- Others (10%)	0	l.s.	0	0	0	0	0
e. Powerhouse and Tailrace -----					4,101	4,074	8,176
- Open Excavation	98,500	cu m	8,600	6,400	847	630	1,478
- Concrete, Powerhouse (Reinforced)	16,000	cu m	144,000	156,000	2,304	2,496	4,800
- Finishing Work	2,100	sq m	275,000	275,000	578	578	1,155
- Others (10%)	1	l.s.	0	0	373	370	743
f. Switchyard -----					245	250	495
- Open Excavation	5,000	cu m	8,600	6,400	43	32	75
- Concrete, Switchyard (Reinforced)	1,500	cu m	120,000	130,000	180	195	375
- Others (10%)	1	l.s.	0	0	22	23	45

Table XV.1.9 (2/2) FINANCIAL COST OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT
- KAMPAR KIRI NO.2 DAM CONSTRUCTION WORKS -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
4. Hydro-Mechanical Works					4,506	501	5,007
a. Diversion Tunnel							
Gates (Slide)	20	ton	9,900,000	1,100,000	198	22	220
b. Spillway Gates (Radial)	0	ton	13,500,000	1,500,000	0	0	0
c. River Outlet Intake Screen	2	ton	9,900,000	1,100,000	20	2	22
d. River Outlet Gate (Roller)	2	ton	13,500,000	1,500,000	27	3	30
e. River Outlet Main Valve	1	l.s.	0	0	657	73	730
f. River Outlet Steel Pipe	20	ton	9,900,000	1,100,000	198	22	220
g. Power Intake Screen	10	ton	9,900,000	1,100,000	99	11	110
h. Power Intake Gate (Roller)	25	ton	13,500,000	1,500,000	338	38	375
i. Power Tailrace Gate (Roller)	40	ton	9,900,000	1,100,000	396	44	440
j. Power Steel Penstock	260	ton	9,900,000	1,100,000	2,574	286	2,860
5. Turbines, Generators & GIS	1	l.s.	0	0	41,130	4,570	45,700
6. Transmission Line	1	l.s.	0	0	5,810	2,490	8,300
II. Compensation Cost	1	l.s.	0	0	0	3,000	3,000
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	10,896	10,896
IV. Engineering Cost (10% of Item I)					13,105	8,388	21,492
V. Physical Contingency (10% of Items I, II & IV)					14,415	9,526	23,942
VI. Total (Items I to V)					158,568	115,687	274,255
VII. Value Added Tax (10% of Item VI)					0	27,426	27,426
VIII. Grand Total					158,568	143,113	301,681

Note: *1 Figures may not add up to totals due to rounding

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

**Table XV.1.10 FINANCIAL COST OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT
- KAMPAR KIRI RIVER IMPROVEMENT WORKS -**

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost -----					41,416	18,889	60,305
1. Preparatory Works ----- (10% of Item 2)					3,765	1,717	5,482
2. Main Civil Works -----					37,651	17,172	54,823
a. Dredging/Excavation	4,680,000	cu m	5,200	1,300	24,336	6,084	30,420
b. Earth Dike -----					2,949	7,801	10,750
- Stripping/Clearing	606,000	sq m	0	1,200	0	727	727
- Embankment	1,099,000	cu m	2,600	1,000	2,857	1,099	3,956
- Sodding	457,000	sq m	200	1,800	91	823	914
- Filter	104,000	cu m	0	44,000	0	4,576	4,576
- Gravel Metaling	16,000	cu m	0	36,000	0	576	576
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice -----					3,845	0	3,845
- Type A	5	unit	355,000,000	279,000,000	1,775	1,395	3,170
- Type B	2	unit	587,000,000	462,000,000	1,174	924	2,098
- Type C	1	unit	896,000,000	704,000,000	896	704	1,600
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment -----					246	425	671
- Low Water Channel	6,300	sq m	27,000	47,000	170	296	466
- High Water Channel	3,150	sq m	24,000	41,000	76	129	205
f. Groin	0	set	33,000,000	32,000,000	0	0	0
g. Bridge -----					0	0	0
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	0	sq m	1,000,000	1,000,000	0	0	0
h. Miscellaneous (20% of a to g)	1	ls.	0	0	6,275	2,862	9,137
II. Compensation Cost -----					0	261	261
1. Land Acquisition					0	261	261
2. Compensation -----					0	0	0
a. Permanent House	0	unit	0	12,000,000	0	0	0
b. Semi-Permanent	0	unit	0	4,000,000	0	0	0
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	3,028	3,028
IV. Engineering Cost ----- (10% of Item I)					4,142	1,889	6,030
V. Physical Contingency (10% of Items I, II & IV) -----					4,556	2,104	6,660
VI. Total (Items I to V) -----					50,113	26,171	76,284
VII. Value Added Tax (10% of Item VI) -----					0	7,628	7,628
VIII. Grand Total -----					50,113	33,800	83,913

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.11 FINANCIAL COST OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT
- KAMPAR RIVER IMPROVEMENT WORKS -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					355,060	199,066	554,127
1. Preparatory Works (10% of Item 2)					32,278	18,097	50,375
2. Main Civil Works					322,782	180,969	503,752
a. Dredging/Excavation	31,150,000	cu m	5,200	1,300	161,980	40,495	202,475
b. Earth Dike					59,577	67,507	127,084
- Stripping/Clearing	6,750,000	sq m	0	1,200	0	8,100	8,100
- Embankment	22,480,000	cu m	2,600	1,000	58,448	22,480	80,928
- Sodding	5,646,000	sq m	200	1,800	1,129	10,163	11,292
- Filter	542,000	cu m	0	44,000	0	23,848	23,848
- Gravel Metaling	81,000	cu m	0	36,000	0	2,916	2,916
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice					38,326	30,111	68,437
- Type A	2	unit	355,000,000	279,000,000	710	558	1,268
- Type B	1	unit	587,000,000	462,000,000	587	462	1,049
- Type C	5	unit	896,000,000	704,000,000	4,480	3,520	8,000
- Type D	9	unit	1,109,000,000	871,000,000	9,981	7,839	17,820
- Type E	4	unit	1,848,000,000	1,452,000,000	7,392	5,808	13,200
- Type F	1	unit	2,128,000,000	1,672,000,000	2,128	1,672	3,800
- Type G	4	unit	2,520,000,000	1,980,000,000	10,080	7,920	18,000
- Type H	1	unit	2,968,000,000	2,332,000,000	2,968	2,332	5,300
e. Revetment					4,902	8,495	13,397
- Low Water Channel	138,000	sq m	27,000	47,000	3,726	6,486	10,212
- High Water Channel	49,000	sq m	24,000	41,000	1,176	2,009	3,185
f. Groin	0	set	33,000,000	32,000,000	0	0	0
g. Bridge					4,200	4,200	8,400
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	4,200	sq m	1,000,000	1,000,000	4,200	4,200	8,400
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	53,797	30,162	83,959
II. Compensation Cost					0	3,310	3,310
1. Land Acquisition	810	ha	0	3,000,000	0	2,430	2,430
2. Compensation					0	880	880
a. Permanent House	60	unit	0	12,000,000	0	720	720
b. Semi-Permanent	40	unit	0	4,000,000	0	160	160
III. Administration Cost (5% of Items I to II, allotted to L.C. only)					0	27,872	27,872
IV. Engineering Cost (10% of Total of Items I & 2)					35,506	19,907	55,413
V. Physical Contingency (10% of Items I, II & IV)					39,057	22,228	61,285
VI. Total (Items I to V)					429,623	272,383	702,006
VII. Value Added Tax (10% of Item VI)					0	70,201	70,201
VIII. Grand Total					429,623	342,584	772,207

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.12 (1/2) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- KUANTAN DAM CONSTRUCTION WORKS -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					212,377	112,984	325,360
1. Preparatory Works (10% of Items 2 & 3)					9,454	8,970	18,425
2. Access Road					5,600	8,400	14,000
a. Road	35,000	m	160,000	240,000	5,600	8,400	14,000
b. Bridge	0	m	7,500,000	7,500,000	0	0	0
3. Main Civil Works					88,942	81,304	170,246
a. Diversion Tunnel					26,571	17,758	44,329
- Open Excavation	60,600	cu m	8,600	6,400	521	388	909
- Tunnel Excavation	107,300	cu m	180,000	120,000	19,314	12,876	32,190
- Concrete Lining (Reinforced)	12,000	cu m	360,000	240,000	4,320	2,880	7,200
- Others (10%)	1	l.s.	0	0	2,416	1,614	4,030
b. Cofferdam					3,212	2,932	6,143
- Embankment (Initial Cofferdam)	51,300	cu m	15,000	10,000	770	513	1,283
- Open Excavation	9,600	cu m	8,600	6,400	83	61	144
- Mass Concrete (Second Cofferdam)	28,500	cu m	75,000	75,000	2,138	2,138	4,275
- Others (10%)	1	l.s.	0	0	222	220	442
c. Main Dam and Spillway					47,449	48,174	95,623
- Open Excavation	450,000	cu m	8,600	6,400	3,870	2,880	6,750
- Mass Concrete, Dam	382,000	cu m	75,000	75,000	28,650	28,650	57,300
- Concrete, Spillway (Reinforced)	75,000	cu m	126,000	154,000	9,450	11,550	21,000
- Grouting	470	ton	2,480,000	1,520,000	1,166	714	1,880
- Others (10%)	1	l.s.	0	0	4,314	4,379	8,693
d. Penstock					0	0	0
- Random Backfill	0	cu m	4,000	1,000	0	0	0
- Concrete, Backfill	0	cu m	100,000	100,000	0	0	0
- Others (10%)	0	l.s.	0	0	0	0	0
e. Powerhouse and Tailrace					11,471	12,190	23,661
- Open Excavation	50,000	cu m	8,600	6,400	430	320	750
- Concrete, Powerhouse (Reinforced)	63,700	cu m	144,000	156,000	9,173	9,937	19,110
- Finishing Work	3,000	sq m	275,000	275,000	825	825	1,650
- Others (10%)	1	l.s.	0	0	1,043	1,108	2,151
f. Switchyard					240	250	490
- Open Excavation	3,000	cu m	8,600	6,400	26	19	45
- Concrete, Switchyard (Reinforced)	1,600	cu m	120,000	130,000	192	208	400
- Others (10%)	1	l.s.	0	0	22	23	45

Table XV.1.12 (2/2) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- KUANTAN DAM CONSTRUCTION WORKS -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
4. Hydro-Mechanical Works -----					34,191	3,799	37,990
a. Diversion Tunnel							
Gates (Slide)	220	ton	9,900,000	1,100,000	2,178	242	2,420
b. Spillway Gates (Radial)	1,280	ton	13,500,000	1,500,000	17,280	1,920	19,200
c. River Outlet Intake Screen	10	ton	9,900,000	1,100,000	99	11	110
d. River Outlet Gate (Roller)	20	ton	13,500,000	1,500,000	270	30	300
e. River Outlet Main Valve	1	l.s.	0	0	1,980	220	2,200
f. River Outlet Steel Pipe	30	ton	9,900,000	1,100,000	297	33	330
g. Power Intake Screen	50	ton	9,900,000	1,100,000	495	55	550
h. Power Intake Gate (Roller)	250	ton	13,500,000	1,500,000	3,375	375	3,750
i. Power Tailrace Gate (Roller)	220	ton	9,900,000	1,100,000	2,178	242	2,420
j. Power Steel Penstock	610	ton	9,900,000	1,100,000	6,039	671	6,710
5. Turbines, Generators & GIS	1	l.s.	0	0	67,050	7,450	74,500
6. Transmission Line	1	l.s.	0	0	7,140	3,060	10,200
II. Compensation Cost	1	l.s.	0	0	0	12,900	12,900
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	16,913	16,913
IV. Engineering Cost ----- (10% of Item I)					21,238	11,298	32,536
V. Physical Contingency (10% of Items I, II & IV) -----					23,361	13,718	37,080
VI. Total (Items I to V) -----					256,976	167,813	424,789
VII. Value Added Tax (10% of Item VI) -----					0	42,479	42,479
VIII. Grand Total -----					256,976	210,292	467,268

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.13 (1/4) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- LUBUKJAMBI INTAKE WEIR/IRRIGATION SYSTEM CONSTRUCTION WORKS (INITIAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
1. Construction Base Cost -----					83,133	47,273	130,406
1. Preparatory Works ----- (10% of Item 2)					7,558	4,298	11,855
2. Irrigation Facilities -----					75,575	42,976	118,551
a. Head Works -----					41,464	20,632	62,096
- Excavation	814,000	cu m	8,000	2,000	6,512	1,628	8,140
- Backfill	18,000	cu m	7,200	1,800	130	32	162
- Embankment	800	cu m	9,600	2,400	8	2	10
- Weir -----					26,320	15,417	41,737
Concrete	13,200	cu m	285,000	285,000	3,762	3,762	7,524
Apron	10,130	sq m	80,000	120,000	810	1,216	2,026
Riverbed Protection	6,190	sq m	0	120,000	0	743	743
Gate	553	sq m	35,000,000	15,000,000	19,355	8,295	27,650
Foundation Works	1	l.s.	0	0	2,393	1,402	3,794
Temporary Cofferdam	0	l.s.	0	0	0	0	0
- Intake -----					3,835	1,802	5,636
Concrete	1,200	cu m	210,000	210,000	252	252	504
Gate	84	sq m	38,500,000	16,500,000	3,234	1,386	4,620
Foundation Works	1	l.s.	0	0	349	164	512
- Flushing Gate -----					2,603	1,224	3,827
Concrete	820	cu m	210,000	210,000	172	172	344
Gate	57	sq m	38,500,000	16,500,000	2,195	941	3,135
Foundation Works	1	l.s.	0	0	237	111	348
- Steel Stop Log	85	ton	910,000	390,000	77	33	111
- Control Bridge	1,142	sq m	1,700,000	300,000	1,941	343	2,284
- Control House	315	sq m	120,000	480,000	38	151	189
b. Head Reach & Main Canal -----					17,897	17,533	35,431
- Left Bank (L=76 km) -----					17,897	17,533	35,431
Excavation	1,254,000	cu m	4,800	1,200	6,019	1,505	7,524
Embankment	35,000	cu m	3,600	900	126	32	158
Concrete Lining	60,800	cu m	137,700	137,700	8,372	8,372	16,744
Footing	76,000	cu m	0	60,200	0	4,575	4,575
Expansion Joint	87,000	m	36,800	1,200	3,202	104	3,306
Weep Hole	1,500	unit	800	17,600	1	26	28
Gravel Metaling	45,600	cu m	0	60,200	0	2,745	2,745
Regulation Ponds	1	l.s.	0	0	177	174	351
- Right Bank (L=0 km) -----					0	0	0
Excavation	0	cu m	4,800	1,200	0	0	0
Embankment	0	cu m	3,600	900	0	0	0
Concrete Lining	0	cu m	137,700	137,700	0	0	0
Footing	0	cu m	0	60,200	0	0	0
Expansion Joint	0	m	36,800	1,200	0	0	0
Weep Hole	0	unit	800	17,600	0	0	0
Gravel Metaling	0	cu m	0	60,200	0	0	0
Regulation Ponds	0	l.s.	0	0	0	0	0
c. Left Bank Irrigation System -----					16,214	4,811	21,025
- Existing/Rainfed	376	ha	546,000	162,000	205	61	266
- Existing/Undeveloped	2,096	ha	2,184,000	648,000	4,578	1,358	5,936
- New/Undeveloped	5,234	ha	2,184,000	648,000	11,431	3,392	14,823
d. Right Bank Irrigation System -----					0	0	0

Table XV.1.13 (2/4) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- LUBUKJAMBI INTAKE WEIR/IRRIGATION SYSTEM CONSTRUCTION WORKS (INITIAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
II. Compensation Cost					0	4,380	4,380
1. Land Acquisition					0	780	780
a. Left Bank (L=76 km)					0	780	780
- Right of Way	260.0	ha	0	3,000,000	0	780	780
b. Right Bank (L=0 km)					0	0	0
- Right of Way	0	ha	0	3,000,000	0	0	0
2. Compensation					0	3,600	3,600
a. Left Bank (L=76 km)					0	3,600	3,600
- Permanent House	250	unit	0	12,000,000	0	3,000	3,000
- Semi-Permanent	150	unit	0	4,000,000	0	600	600
b. Right Bank (L=0 km)					0	0	0
- Permanent House	0	unit	0	12,000,000	0	0	0
- Semi-Permanent	0	unit	0	4,000,000	0	0	0
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	6,739	6,739
IV. Engineering Cost (10% of Item I)					8,313	4,727	13,041
V. Physical Contingency (10% of Items I, II & IV)					9,145	5,638	14,783
VI. Total (Items I to V)					100,591	68,758	169,349
VII. Value Added Tax (10% of Item VI)					0	16,935	16,935
VIII. Grand Total					100,591	85,693	186,284

Note: *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency.

*4 Figures may not add up to totals due to rounding

Table XV.1.13 (3/4) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- LUBUKJAMBI INTAKE WEIR/IRRIGATION SYSTEM CONSTRUCTION WORKS (FINAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					120,775	66,505	187,280
1. Preparatory Works (10% of Item 2)					10,980	6,046	17,025
2. Irrigation Facilities					109,795	60,459	170,254
a. Head Works					0	0	0
- Excavation	0	cu m	8,000	2,000	0	0	0
- Backfill	0	cu m	7,200	1,800	0	0	0
- Embankment	0	cu m	9,600	2,400	0	0	0
- Weir					0	0	0
Concrete	0	cu m	285,000	285,000	0	0	0
Apron	0	sq m	80,000	120,000	0	0	0
Riverbed Protection	0	sq m	0	120,000	0	0	0
Gate	0	sq m	35,000,000	15,000,000	0	0	0
Foundation Works	0	l.s.	0	0	0	0	0
Temporary Cofferdam	0	l.s.	0	0	0	0	0
- Intake					0	0	0
Concrete	0	cu m	210,000	210,000	0	0	0
Gate	0	sq m	38,500,000	16,500,000	0	0	0
Foundation Works	0	l.s.	0	0	0	0	0
- Flushing Gate					0	0	0
Concrete	0	cu m	210,000	210,000	0	0	0
Gate	0	sq m	38,500,000	16,500,000	0	0	0
Foundation Works	0	l.s.	0	0	0	0	0
- Steel Stop Log	0	ton	910,000	390,000	0	0	0
- Control Bridge	0	sq m	1,700,000	300,000	0	0	0
- Control House	0	sq m	120,000	480,000	0	0	0
b. Head Reach & Main Canal					67,842	48,011	115,854
- Left Bank (L=119 km)					29,412	18,490	47,902
Excavation	2,300,000	cu m	4,800	1,200	11,040	2,760	13,800
Embankment	691,000	cu m	3,600	900	2,488	622	3,110
Concrete Lining	59,500	cu m	137,700	137,700	8,193	8,193	16,386
Footings	81,000	cu m	0	60,200	0	4,876	4,876
Expansion Joint	201,000	m	36,800	1,200	7,397	241	7,638
Weep Hole	3,500	unit	800	17,600	3	62	64
Gravel Metaling	25,800	cu m	0	60,200	0	1,553	1,553
Regulation Ponds	1	l.s.	0	0	291	183	474
- Right Bank (L=123 km)					38,431	29,521	67,952
Excavation	2,380,000	cu m	4,800	1,200	11,424	2,856	14,280
Embankment	585,000	cu m	3,600	900	2,106	527	2,633
Concrete Lining	98,400	cu m	137,700	137,700	13,550	13,550	27,099
Footings	123,000	cu m	0	60,200	0	7,405	7,405
Expansion Joint	298,000	m	36,800	1,200	10,966	358	11,324
Weep Hole	5,200	unit	800	17,600	4	92	96
Gravel Metaling	73,800	cu m	0	60,200	0	4,443	4,443
Regulation Ponds	1	l.s.	0	0	381	292	673
c. Left Bank Irrigation System					16,688	4,951	21,639
- Existing/Rainfed	0	ha	546,000	162,000	0	0	0
- Existing/Undeveloped	0	ha	2,184,000	648,000	0	0	0
- New/Undeveloped	7,641	ha	2,184,000	648,000	16,688	4,951	21,639
d. Right Bank Irrigation System					25,265	7,496	32,761
- Existing/Rainfed	65	ha	546,000	162,000	35	11	46
- Existing/Undeveloped	650	ha	2,184,000	648,000	1,420	421	1,841
- New/Undeveloped	10,902	ha	2,184,000	648,000	23,810	7,064	30,874

Table XV.1.13 (4/4) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- LUBUKJAMBI INTAKE WEIR/IRRIGATION SYSTEM CONSTRUCTION WORKS (FINAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
II. Compensation Cost					0	10,171	10,171
I. Land Acquisition					0	1,851	1,851
a. Left Bank (L=119 km)					0	561	561
- Right of Way	187.0	ha	0	3,000,000	0	561	561
b. Right Bank (L=123 km)					0	1,290	1,290
- Right of Way	430	ha	0	3,000,000	0	1,290	1,290
2. Compensation					0	8,320	8,320
a. Left Bank (L=119 km)					0	2,280	2,280
- Permanent House	170	unit	0	12,000,000	0	2,040	2,040
- Semi-Permanent	60	unit	0	4,000,000	0	240	240
b. Right Bank (L=123km)					0	6,040	6,040
- Permanent House	430	unit	0	12,000,000	0	5,160	5,160
- Semi-Permanent	220	unit	0	4,000,000	0	880	880
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	9,873	9,873
IV. Engineering Cost (10% of Item I)					12,077	6,650	18,728
V. Physical Contingency (10% of Items I, II & IV)					13,285	8,333	21,618
VI. Total (Items I to V)					146,138	101,531	247,669
VII. Value Added Tax (10% of Item VI)					0	24,767	24,767
VIII. Grand Total					146,138	126,298	272,436

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.14 FINANCIAL COST OF KUANTAN-INDRAGIRI RIVER IMPROVEMENT PROJECT
- LUBUKJAMBI-PERANAP AREA RIVER IMPROVEMENT WORKS -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					227,316	177,078	404,395
1. Preparatory Works (10% of Item 2)					20,665	16,098	36,763
2. Main Civil Works					206,651	160,980	367,632
a. Dredging/Excavation	15,250,000	cu m	5,200	1,300	79,300	19,825	99,125
b. Earth Dike					22,023	43,476	65,500
- Stripping/Clearing	3,704,000	sq m	0	1,200	0	4,445	4,445
- Embankment	8,253,000	cu m	2,600	1,000	21,458	8,253	29,711
- Sodding	2,828,000	sq m	200	1,800	566	5,090	5,656
- Filter	520,000	cu m	0	44,000	0	22,880	22,880
- Gravel Metaling	78,000	cu m	0	36,000	0	2,808	2,808
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice					43,688	34,325	78,013
- Type A	2	unit	355,000,000	279,000,000	710	558	1,268
- Type B	5	unit	587,000,000	462,000,000	2,935	2,310	5,245
- Type C	6	unit	896,000,000	704,000,000	5,376	4,224	9,600
- Type D	15	unit	1,109,000,000	871,000,000	16,635	13,065	29,700
- Type E	7	unit	1,848,000,000	1,452,000,000	12,936	10,164	23,100
- Type F	1	unit	2,128,000,000	1,672,000,000	2,128	1,672	3,800
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	1	unit	2,968,000,000	2,332,000,000	2,968	2,332	5,300
e. Revetment					13,098	22,724	35,822
- Low Water Channel	398,000	sq m	27,000	47,000	10,746	18,706	29,452
- High Water Channel	98,000	sq m	24,000	41,000	2,352	4,018	6,370
f. Groin	300	set	33,000,000	32,000,000	9,900	9,600	19,500
g. Bridge					4,200	4,200	8,400
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	4,200	sq m	1,000,000	1,000,000	4,200	4,200	8,400
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	34,442	26,830	61,272
II. Compensation Cost					0	4,300	4,300
1. Land Acquisition	500	ha	0	3,000,000	0	1,500	1,500
2. Compensation					0	2,800	2,800
a. Permanent House	200	unit	0	12,000,000	0	2,400	2,400
b. Semi-Permanent	100	unit	0	4,000,000	0	400	400
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	20,435	20,435
IV. Engineering Cost (10% of Item I)					22,732	17,708	40,439
V. Physical Contingency (10% of Items I, II & IV)					25,005	19,909	44,913
VI. Total (Items I to V)					275,053	239,429	514,482
VII. Value Added Tax (10% of Item VI)					0	51,448	51,448
VIII. Grand Total					275,053	290,878	565,931

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.15 FINANCIAL COST OF KUANTAN-INDRAGIRI RIVER IMPROVEMENT PROJECT
- PERANAP-JAPURA AREA RIVER IMPROVEMENT WORKS -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					280,103	179,742	459,845
1. Preparatory Works (10% of Item 2)					25,464	16,340	41,804
2. Main Civil Works					254,639	163,402	418,041
a. Dredging/Excavation	11,730,000	cu m	5,200	1,300	60,996	15,249	76,245
b. Earth Dike					89,868	61,146	151,014
- Stripping/Clearing	5,152,000	sq m	0	1,200	0	6,182	6,182
- Embankment	17,800,000	cu m	5,000	1,500	89,000	26,700	115,700
- Sodding	4,342,000	sq m	200	1,800	868	7,816	8,684
- Filter	414,000	cu m	0	44,000	0	18,216	18,216
- Gravel Metaling	62,000	cu m	0	36,000	0	2,232	2,232
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice					40,299	31,666	71,965
- Type A	10	unit	355,000,000	279,000,000	3,550	2,790	6,340
- Type B	5	unit	587,000,000	462,000,000	2,935	2,310	5,245
- Type C	8	unit	896,000,000	704,000,000	7,168	5,632	12,800
- Type D	6	unit	1,109,000,000	871,000,000	6,654	5,226	11,880
- Type E	6	unit	1,848,000,000	1,452,000,000	11,088	8,712	19,800
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	3	unit	2,968,000,000	2,332,000,000	8,904	6,996	15,900
e. Revetment					9,906	17,187	27,093
- Low Water Channel	302,000	sq m	27,000	47,000	8,154	14,194	22,348
- High Water Channel	73,000	sq m	24,000	41,000	1,752	2,993	4,745
f. Groin	210	set	33,000,000	32,000,000	6,930	6,720	13,650
g. Bridge					4,200	4,200	8,400
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	4,200	sq m	1,000,000	1,000,000	4,200	4,200	8,400
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	42,440	27,234	69,673
II. Compensation Cost					0	4,660	4,660
1. Land Acquisition	620	ha	0	3,000,000	0	1,860	1,860
2. Compensation					0	2,800	2,800
a. Permanent House	200	unit	0	12,000,000	0	2,400	2,400
b. Semi-Permanent	100	unit	0	4,000,000	0	400	400
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	23,225	23,225
IV. Engineering Cost (10% of Item I)					28,010	17,974	45,984
V. Physical Contingency (10% of Items I, II & IV)					30,811	20,238	51,049
VI. Total (Items I to V)					338,925	245,839	584,764
VII. Value Added Tax (10% of Item VI)					0	58,476	58,476
VIII. Grand Total					338,925	304,315	643,240

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.16 (1/2) FINANCIAL COST OF Kuantan-Indragiri River Improvement Project
- RENGAT AREA Flood Protection Works (Initial Phase) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					17,937	10,405	28,342
1. Preparatory Works (10% of Item 2)					1,631	946	2,577
2. Main Civil Works					16,307	9,459	25,765
a. Dredging/Excavation	0	cu m	5,200	1,300	0	0	0
b. Earth Dike					3,542	2,133	5,675
- Stripping/Clearing	271,000	sq m	0	1,200	0	325	325
- Embankment	472,000	cu m	7,400	2,200	3,493	1,038	4,531
- Sodding	245,600	sq m	200	1,800	49	442	491
- Filter	0	cu m	0	44,000	0	0	0
- Gravel Metaling	9,100	cu m	0	36,000	0	328	328
c. Concrete Wall Dike	1,400	m	160,000	170,000	224	238	462
d. Control Gate					1,535	1,205	2,740
- 2 spans x 2.5W x 2.0H	5	unit	307,000,000	241,000,000	1,535	1,205	2,740
e. Sluice					3,800	2,900	6,700
- Type A	0	unit	355,000,000	279,000,000	0	0	0
- Type B	0	unit	587,000,000	462,000,000	0	0	0
- Type C	0	unit	896,000,000	704,000,000	0	0	0
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
- 5 spans X 7.0W X 5.2H	1	unit	3,800,000,000	2,900,000,000	3,800	2,900	6,700
f. Drainage Pumping Station					4,070	908	4,978
- Excavation	3,200	cu m	4,200	1,000	13	3	17
- Embankment	3,400	cu m	2,300	600	8	2	10
- Reinforced Concrete	690	cu m	307,000	300,000	212	207	419
- Control House	300	sq m	90,000	370,000	27	111	138
- Foundation Treatment	1	l.s.	0	0	210	185	395
- Mechanical Works	1	l.s.	0	0	3,600	400	4,000
g. Revetment					119	207	326
- Low Water Channel	4,400	sq m	27,000	47,000	119	207	326
- High Water Channel	0	sq m	24,000	41,000	0	0	0
h. Groin	8	set	33,000,000	32,000,000	264	256	520
i. Bridge					35	35	70
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	35	sq m	1,000,000	1,000,000	35	35	70
j. Miscellaneous (20% of a to i)	1	l.s.	0	0	2,718	1,576	4,294
II. Compensation Cost					0	280	280
1. Land Acquisition	40	ha	0	3,000,000	0	120	120
2. Compensation					0	160	160
a. Permanent House	10	unit	0	12,000,000	0	120	120
b. Semi-Permanent	10	unit	0	4,000,000	0	40	40
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	1,431	1,431
IV. Engineering Cost (10% of Item I)					1,794	1,040	2,834
V. Physical Contingency (10% of Items I, II & IV)					1,973	1,173	3,146
VI. Total (Items I to V)					21,704	14,329	36,033
VII. Value Added Tax (10% of Item VI)					0	3,603	3,603
VIII. Grand Total					21,704	17,932	39,636

Note: *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.16 (2/2) FINANCIAL COST OF KUANTAN-INDRAGIRI RIVER IMPROVEMENT PROJECT
- RENGAT AREA FLOOD PROTECTION WORKS (FINAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					156,484	77,687	234,171
1. Preparatory Works (10% of Item 2)					14,226	7,062	21,288
2. Main Civil Works					142,258	70,625	212,882
a. Dredging/Excavation	17,600,000	cu m	5,200	1,300	91,520	22,880	114,400
b. Earth Dike					14,978	24,104	39,082
- Stripping/Clearing	2,204,000	sq m	0	1,200	0	2,645	2,645
- Embankment	5,622,000	cu m	2,600	1,000	14,617	5,622	20,239
- Sodding	1,805,000	sq m	200	1,800	361	3,249	3,610
- Filter	255,000	cu m	0	44,000	0	11,220	11,220
- Gravel Metaling	38,000	cu m	0	36,000	0	1,368	1,368
c. Concrete Wall Dike	0	m	160,000	170,000	0	0	0
d. Control Gate					0	0	0
- 2 spans x 2.5W x 2.0H	0	unit	307,000,000	241,000,000	0	0	0
e. Sluice					8,195	6,441	14,636
- Type A	5	unit	355,000,000	279,000,000	1,775	1,395	3,170
- Type B	2	unit	587,000,000	462,000,000	710	558	1,268
- Type C	2	unit	896,000,000	704,000,000	1,174	924	2,098
- Type D	3	unit	1,109,000,000	871,000,000	2,688	2,112	4,800
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	1	unit	2,128,000,000	1,672,000,000	1,848	1,452	3,300
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
- 5 spans X 7.0W X 5.2H	0	unit	3,800,000,000	2,900,000,000	0	0	0
f. Drainage Pumping Station					0	0	0
- Excavation	0	cu m	4,200	1,000	0	0	0
- Embankment	0	cu m	2,300	600	0	0	0
- Reinforced Concrete	0	cu m	307,000	300,000	0	0	0
- Control House	0	sq m	90,000	370,000	0	0	0
- Foundation Treatment	0	l.s.	0	0	0	0	0
- Mechanical Works	0	l.s.	0	0	0	0	0
g. Revetment					2,205	3,829	6,034
- Low Water Channel	71,000	sq m	27,000	47,000	1,917	3,337	5,254
- High Water Channel	12,000	sq m	24,000	41,000	288	492	780
h. Groin	50	set	33,000,000	32,000,000	1,650	1,600	3,250
i. Bridge					0	0	0
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	0	sq m	1,000,000	1,000,000	0	0	0
j. Miscellaneous (20% of a to i)	1	l.s.	0	0	23,710	11,771	35,480
II. Compensation Cost					0	1,815	1,815
1. Land Acquisition	285	ha	0	3,000,000	0	855	855
2. Compensation					0	960	960
a. Permanent House	70	unit	0	12,000,000	0	840	840
b. Semi-Permanent	30	unit	0	4,000,000	0	120	120
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	11,799	11,799
IV. Engineering Cost (10% of Item I)					15,648	7,769	23,417
V. Physical Contingency (10% of Items I, II & IV)					17,213	8,727	25,940
VI. Total (Items I to V)					189,345	107,797	297,142
VII. Value Added Tax (10% of Item VI)					0	29,714	29,714
VIII. Grand Total					189,345	137,511	326,856

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.17 (1/2) FINANCIAL COST OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT
- PAYAKUMBUH AREA RIVER IMPROVEMENT WORKS (INITIAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount						
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)				
I. Construction Base Cost -----					108,541	55,098	163,639				
1. Preparatory Works ----- (10% of Item 2)					9,867	5,009	14,876				
2. Main Civil Works -----					98,674	50,089	148,763				
a. Dredging/Excavation	11,253,000	cu m	5,200	1,300	58,516	14,629	73,145				
b. Earth Dike -----					5,977	7,122	13,100				
- Stripping/Clearing	1,378,000	sq m	0	1,200	0	1,654	1,654				
- Embankment	2,225,000	cu m	2,600	1,000	5,785	2,225	8,010				
- Sodding	962,000	sq m	200	1,800	192	1,732	1,924				
- Filter	0	cu m	0	44,000	0	0	0				
- Gravel Metaling	42,000	cu m	0	36,000	0	1,512	1,512				
c. Concrete Dike	0	m	160,000	170,000	0	0	0				
d. Sluice -----					8,072	6,346	14,418				
- Type A	13	unit	355,000,000	279,000,000	4,615	3,627	8,242				
- Type B	4	unit	587,000,000	462,000,000	2,348	1,848	4,196				
- Type C	0	unit	896,000,000	704,000,000	0	0	0				
- Type D	1	unit	1,109,000,000	871,000,000	1,109	871	1,980				
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0				
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0				
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0				
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0				
e. Revetment -----					5,451	9,432	14,883				
- Low Water Channel	137,000	sq m	27,000	47,000	3,699	6,439	10,138				
- High Water Channel	73,000	sq m	24,000	41,000	1,752	2,993	4,745				
f. Groin	0	set	33,000,000	32,000,000	0	0	0				
g. Bridge -----					4,212	4,212	8,424				
- Footbridge	760	sq m	200,000	200,000	152	152	304				
- Road Bridge	4,060	sq m	1,000,000	1,000,000	4,060	4,060	8,120				
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	16,446	8,348	24,794				
II. Compensation Cost -----					0	3,250	3,250				
1. Land Acquisition					390	ha	0	3,000,000	0	1,170	1,170
2. Compensation -----					0	2,080	2,080				
a. Permanent House	150	unit	0	12,000,000	0	1,800	1,800				
b. Semi-Permanent	70	unit	0	4,000,000	0	280	280				
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	8,344	8,344				
IV. Engineering Cost ----- (10% of Item I)					10,854	5,510	16,364				
V. Physical Contingency (10% of Items I, II & IV) -----					11,940	6,386	18,325				
VI. Total (Items I to V) -----					131,335	78,588	209,923				
VII. Value Added Tax (10% of Item VI) -----					0	20,992	20,992				
VIII. Grand Total -----					131,335	99,581	230,915				

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

**Table XV.1.17 (2/2) FINANCIAL COST OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT
- PAYAKUMBUH AREA RIVER IMPROVEMENT WORKS (FINAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					52,726	37,101	89,827
1. Preparatory Works (10% of Item 2)					4,793	3,373	8,166
2. Main Civil Works					47,933	33,728	81,661
a. Dredging/Excavation	4,145,000	cu m	5,200	1,300	21,554	5,389	26,943
b. Earth Dike					2,740	4,391	7,132
- Stripping/Clearing	358,000	sq m	0	1,200	0	430	430
- Embankment	990,000	cu m	2,600	1,000	2,574	990	3,564
- Sodding	831,000	sq m	200	1,800	166	1,496	1,662
- Filter	0	cu m	0	44,000	0	0	0
- Gravel Metaling	41,000	cu m	0	36,000	0	1,476	1,476
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice					6,021	4,734	10,755
- Type A	12	unit	355,000,000	279,000,000	4,260	3,348	7,608
- Type B	3	unit	587,000,000	462,000,000	1,761	1,386	3,147
- Type C	0	unit	896,000,000	704,000,000	0	0	0
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment					5,427	9,391	14,818
- Low Water Channel	137,000	sq m	27,000	47,000	3,699	6,439	10,138
- High Water Channel	72,000	sq m	24,000	41,000	1,728	2,952	4,680
f. Groin	0	set	33,000,000	32,000,000	0	0	0
g. Bridge					4,202	4,202	8,404
- Footbridge	760	sq m	200,000	200,000	152	152	304
- Road Bridge	4,050	sq m	1,000,000	1,000,000	4,050	4,050	8,100
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	7,989	5,621	13,610
II. Compensation Cost					0	2,230	2,230
1. Land Acquisition	50	ha	0	3,000,000	0	150	150
2. Compensation					0	2,080	2,080
a. Permanent House	150	unit	0	12,000,000	0	1,800	1,800
b. Semi-Permanent	70	unit	0	4,000,000	0	280	280
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	4,603	4,603
IV. Engineering Cost (10% of Item I)					5,273	3,710	8,983
V. Physical Contingency (10% of Items I, II & IV)					5,800	4,304	10,104
VI. Total (Items I to V)					63,799	51,948	115,747
VII. Value Added Tax (10% of Item VI)					0	11,575	11,575
VIII. Grand Total					63,799	63,523	127,322

Note: *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.18 (1/2) FINANCIAL COST OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT
- SOLOK AREA RIVER IMPROVEMENT WORKS (INITIAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost -----					43,387	23,802	67,189
1. Preparatory Works ----- (10% of Item 2)					3,944	2,164	6,108
2. Main Civil Works -----					39,443	21,638	61,081
a. Dredging/Excavation	4,701,000	cu m	5,200	1,300	24,445	6,111	30,557
b. Earth Dike -----					529	963	1,492
- Stripping/Clearing	216,000	sq m	0	1,200	0	259	259
- Embankment	194,000	cu m	2,600	1,000	504	194	698
- Sodding	123,000	sq m	200	1,800	25	221	246
- Filter	0	cu m	0	44,000	0	0	0
- Gravel Metaling	8,000	cu m	0	36,000	0	288	288
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice -----					587	462	1,049
- Type A	0	unit	355,000,000	279,000,000	0	0	0
- Type B	1	unit	587,000,000	462,000,000	587	462	1,049
- Type C	0	unit	896,000,000	704,000,000	0	0	0
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment -----					4,392	7,580	11,972
- Low Water Channel	88,000	sq m	27,000	47,000	2,376	4,136	6,512
- High Water Channel	84,000	sq m	24,000	41,000	2,016	3,444	5,460
f. Groin	0	set	33,000,000	32,000,000	0	0	0
g. Bridge -----					2,916	2,916	5,832
- Footbridge	130	sq m	200,000	200,000	26	26	52
- Road Bridge	2,890	sq m	1,000,000	1,000,000	2,890	2,890	5,780
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	6,574	3,606	10,180
II. Compensation Cost -----					0	620	620
1. Land Acquisition					0	180	180
2. Compensation -----					0	440	440
a. Permanent House	30	unit	0	12,000,000	0	360	360
b. Semi-Permanent	20	unit	0	4,000,000	0	80	80
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	3,390	3,390
IV. Engineering Cost ----- (10% of Item I)					4,339	2,380	6,719
V. Physical Contingency (10% of Items I, II & IV) -----					4,773	2,680	7,453
VI. Total (Items I to V) -----					52,499	32,873	85,372
VII. Value Added Tax (10% of Item VI) -----					0	8,537	8,537
VIII. Grand Total -----					52,499	41,410	93,909

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

**Table XV.1.18 (2/2) FINANCIAL COST OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT
- SOLOK AREA RIVER IMPROVEMENT WORKS (FINAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost -----					13,878	16,784	30,662
1. Preparatory Works ----- (10% of Item 2)					1,262	1,526	2,787
2. Main Civil Works -----					12,617	15,258	27,875
a. Dredging/Excavation	0	cu m	5,200	1,300	0	0	0
b. Earth Dike -----					2,621	1,759	4,380
- Stripping/Clearing	208,000	sq m	0	1,200	0	250	250
- Embankment	349,000	cu m	7,400	2,200	2,583	768	3,350
- Sodding	192,000	sq m	200	1,800	38	346	384
- Filter	0	cu m	0	44,000	0	0	0
- Gravel Metaling	11,000	cu m	0	36,000	0	396	396
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice -----					587	462	1,049
- Type A	0	unit	355,000,000	279,000,000	0	0	0
- Type B	1	unit	587,000,000	462,000,000	587	462	1,049
- Type C	0	unit	896,000,000	704,000,000	0	0	0
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment -----					4,392	7,580	11,972
- Low Water Channel	88,000	sq m	27,000	47,000	2,376	4,136	6,512
- High Water Channel	84,000	sq m	24,000	41,000	2,016	3,444	5,460
f. Groin	0	set	33,000,000	32,000,000	0	0	0
g. Bridge -----					2,914	2,914	5,828
- Footbridge	120	sq m	200,000	200,000	24	24	48
- Road Bridge	2,890	sq m	1,000,000	1,000,000	2,890	2,890	5,780
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	2,103	2,543	4,646
II. Compensation Cost -----					0	620	620
1. Land Acquisition	60	ha	0	3,000,000	0	180	180
2. Compensation -----					0	440	440
a. Permanent House	30	unit	0	12,000,000	0	360	360
b. Semi-Permanent	20	unit	0	4,000,000	0	80	80
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	1,564	1,564
IV. Engineering Cost ----- (10% of Item I)					1,388	1,678	3,066
V. Physical Contingency (10% of Items I, II & IV) -----					1,527	1,908	3,435
VI. Total (Items I to V) -----					16,793	22,555	39,347
VII. Value Added Tax (10% of Item VI) -----					0	3,935	3,935
VIII. Grand Total -----					16,793	26,489	43,282

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.19 (1/2) FINANCIAL COST OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT
- SJUNJUNG/MUARA AREA RIVER IMPROVEMENT WORKS (INITIAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					59,568	30,204	89,772
1. Preparatory Works (10% of Item 2)					5,415	2,746	8,161
2. Main Civil Works					54,153	27,459	81,611
a. Dredging/Excavation	6,470,000	cu m	5,200	1,300	33,644	8,411	42,055
b. Earth Dike					3,046	3,627	6,672
- Stripping/Clearing	672,000	sq m	0	1,200	0	806	806
- Embankment	1,130,000	cu m	2,600	1,000	2,938	1,130	4,068
- Sodding	539,000	sq m	200	1,800	108	970	1,078
- Filter	0	cu m	0	44,000	0	0	0
- Gravel Metaling	20,000	cu m	0	36,000	0	720	720
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice					2,840	2,232	5,072
- Type A	8	unit	355,000,000	279,000,000	2,840	2,232	5,072
- Type B	0	unit	587,000,000	462,000,000	0	0	0
- Type C	0	unit	896,000,000	704,000,000	0	0	0
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment					4,118	7,133	11,250
- Low Water Channel	112,500	sq m	27,000	47,000	3,038	5,288	8,325
- High Water Channel	45,000	sq m	24,000	41,000	1,080	1,845	2,925
f. Groin	0	set	33,000,000	32,000,000	0	0	0
g. Bridge					1,480	1,480	2,960
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	1,480	sq m	1,000,000	1,000,000	1,480	1,480	2,960
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	9,025	4,576	13,602
II. Compensation Cost					0	1,770	1,770
1. Land Acquisition	230	ha	0	3,000,000	0	690	690
2. Compensation					0	1,080	1,080
a. Permanent House	80	unit	0	12,000,000	0	960	960
b. Semi-Permanent	30	unit	0	4,000,000	0	120	120
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	4,577	4,577
IV. Engineering Cost (10% of Item I)					5,957	3,020	8,977
V. Physical Contingency (10% of Items I, II & IV)					6,552	3,499	10,052
VI. Total (Items I to V)					72,077	43,071	115,149
VII. Value Added Tax (10% of Item VI)					0	11,515	11,515
VIII. Grand Total					72,077	54,586	126,664

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.19 (2/2) FINANCIAL COST OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT
- SIJUNJUNG/MUARA AREA RIVER IMPROVEMENT WORKS (FINAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					19,438	12,314	31,751
1. Preparatory Works (10% of Item 2)					1,767	1,119	2,886
2. Main Civil Works					17,670	11,194	28,865
a. Dredging/Excavation	1,980,000	cu m	5,200	1,300	10,296	2,574	12,870
b. Earth Dike					1,638	2,838	4,476
- Stripping/Clearing	186,000	sq m	0	1,200	0	223	223
- Embankment	593,000	cu m	2,600	1,000	1,542	593	2,135
- Sodding	483,000	sq m	200	1,800	97	869	966
- Filter	0	cu m	0	44,000	0	0	0
- Gravel Metaling	32,000	cu m	0	36,000	0	1,152	1,152
c. Concrete Dike	0	m	160,000	170,000	0	0	0
d. Sluice					710	558	1,268
- Type A	2	unit	355,000,000	279,000,000	710	558	1,268
- Type B	0	unit	587,000,000	462,000,000	0	0	0
- Type C	0	unit	896,000,000	704,000,000	0	0	0
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
e. Revetment					1,761	3,039	4,800
- Low Water Channel	35,000	sq m	27,000	47,000	945	1,645	2,590
- High Water Channel	34,000	sq m	24,000	41,000	816	1,394	2,210
f. Groin	0	set	33,000,000	32,000,000	0	0	0
g. Bridge					320	320	640
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	320	sq m	1,000,000	1,000,000	320	320	640
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	2,945	1,866	4,811
II. Compensation Cost					0	900	900
1. Land Acquisition	20	ha	0	3,000,000	0	60	60
2. Compensation					0	840	840
a. Permanent House	60	unit	0	12,000,000	0	720	720
b. Semi-Permanent	30	unit	0	4,000,000	0	120	120
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	1,633	1,633
IV. Engineering Cost (10% of Item I)					1,944	1,231	3,175
V. Physical Contingency (10% of Items I, II & IV)					2,138	1,445	3,583
VI. Total (Items I to V)					23,519	17,522	41,042
VII. Value Added Tax (10% of Item VI)					0	4,104	4,104
VIII. Grand Total					23,519	21,626	45,146

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.1.20 (1/2) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN WATER SUPPLY PROJECT (FINANCIAL)
(KUOK INTAKE WEIR/RANTAUBERANGIN IRRIGATION - INITIAL)

Unit: Million Rp.

Description	Amount		1996		1997		1998		1999		2000		2001		2002		2003		2004			
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.		
	Total		Total		Total		Total		Total		Total		Total		Total		Total		Total			
I. Construction Base Cost	172,250	150,686	322,935	0	0	0	0	0	0	0	0	10,589	7,352	23,859	19,138	30,801	24,187	29,630	24,486	16,444	14,675	
1. Preparatory Works	11,665	6,263	17,928	0	0	0	0	0	0	0	0	4,053	2,178	4,053	2,178	0	0	0	0	0	0	0
2. Head Works	32,105	16,368	48,473	0	0	0	0	0	0	0	0	4,816	2,455	9,632	4,910	9,632	4,910	8,026	4,092	0	0	
3. Head Reach & Main canal	49,711	35,924	85,635	0	0	0	0	0	0	0	0	0	0	4,111	3,120	8,222	6,240	8,222	6,240	6,852	5,200	
4. Left Bank Irrigation System	29,345	8,707	38,052	0	0	0	0	0	0	0	0	0	0	2,407	714	4,815	1,429	4,815	1,429	4,012	1,191	
5. Right bank Irrigation System	5,486	1,628	7,114	0	0	0	0	0	0	0	0	0	0	823	244	1,646	488	1,646	488	1,372	407	
Sub-Total	128,312	68,890	197,202	0	0	0	0	0	0	0	0	8,868	4,633	21,025	11,167	24,314	13,067	22,709	12,249	12,236	6,798	
7. Price Contingency (3%F.C. & 8%L.C.)	43,938	81,796	125,733	0	0	0	0	0	0	0	0	1,721	2,719	4,833	7,971	6,486	11,119	6,921	12,237	4,208	7,878	
II. Compensation Cost	0	13,278	13,278	0	0	0	0	629	0	3,055	0	3,299	0	0	0	0	0	0	0	0	0	0
1. Compensation	0	7,120	7,120	0	0	0	0	462	0	2,079	0	2,079	0	0	0	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	6,158	6,158	0	0	0	0	167	0	976	0	1,220	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	20,275	20,275	0	826	0	892	0	964	0	1,561	0	1,686	0	1,214	0	1,311	0	1,416	0	1,529	0
1. Administration	0	10,216	10,216	0	708	0	708	0	708	0	1,063	0	1,063	0	708	0	708	0	708	0	708	0
2. Price Contingency (8%L.C.)	0	10,059	10,059	0	118	0	184	0	255	0	499	0	624	0	506	0	603	0	708	0	821	0
IV. Engineering Cost	16,129	12,889	29,017	1,702	1,006	1,461	905	1,505	978	1,240	845	639	456	1,096	821	1,129	887	1,163	958	479	414	
1. Detailed Design	7,699	4,133	11,832	1,605	862	1,337	719	1,337	719	1,070	575	0	0	0	0	0	0	0	0	0	0	
2. Construction Supervision	5,132	2,756	7,888	0	0	0	0	0	0	0	0	535	287	892	479	892	479	892	479	357	192	
3. Price Contingency (3%F.C. & 8%L.C.)	3,298	6,000	9,297	98	144	124	187	168	259	170	104	169	205	342	238	408	272	479	123	222	222	
V. Physical Contingency (10% of Items I, II & IV)	18,838	17,685	36,523	170	101	146	91	151	161	124	390	1,123	1,111	2,696	1,996	3,193	2,507	3,079	2,544	1,692	1,509	
VI. Total (Items I, II, III, IV & V)	207,216	214,812	422,028	1,873	1,933	1,607	1,888	1,656	2,731	1,364	5,851	12,351	13,905	29,651	23,169	35,123	28,892	33,873	29,404	18,615	18,127	
VII. Value Added Tax (10% of Item VI)	0	42,203	42,203	0	381	0	350	0	439	0	721	0	2,626	0	5,282	0	6,402	0	6,328	0	3,674	
VIII. Grand Total	207,216	257,015	464,231	1,873	2,313	1,607	2,238	1,656	3,169	1,364	6,572	12,351	16,530	29,651	28,451	35,123	35,294	33,873	35,732	18,615	21,802	

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 1,00 US\$ = 2,175 Rp. ; 1 Yen = 21,90 Rp.
 *3 Replacement Cost (Rubber Gate) is allocated at 2024 and not included in the Total Amount of the Project Cost.
 *4 Figures may not add up to totals due to rounding

Table XV.1.20 (2/2) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN WATER SUPPLY PROJECT (FINANCIAL (RANTAU BERANGIN IRRIGATION - FINAL)

Description	2006						2007						2008						2009						2021					
	F.C.		L.C.		F.C.		L.C.		F.C.		L.C.		F.C.		L.C.		F.C.		L.C.		F.C.		L.C.		F.C.		L.C.			
I. Construction Base Cost	0	0	0	20,911	20,744	26,923	28,005	11,092	12,098	45,533	92,794	0	0	0	3,560	1,907	0	0	0	0	0	0	0	0	0	0	0	0	0	
1. Preparatory Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2. Head Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3. Head Reach & Main canal	0	0	0	6,691	4,537	11,152	7,562	4,461	3,025	0	0	0	0	0	6,691	4,537	11,152	7,562	4,461	3,025	0	0	0	0	0	0	0	0		
4. Left Bank Irrigation System	0	0	0	3,989	1,184	6,648	1,973	2,659	789	0	0	0	0	0	3,989	1,184	6,648	1,973	2,659	789	0	0	0	0	0	0	0	0	0	
5. Right bank Irrigation System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sub-Total	0	0	0	14,240	7,628	17,800	9,535	7,120	3,814	16,467	7,143	0	0	0	14,240	7,628	17,800	9,535	7,120	3,814	16,467	7,143	0	0	0	0	0	0	0	
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	6,672	13,117	9,124	18,470	3,973	8,284	25,866	90,651	0	0	0	6,672	13,117	9,124	18,470	3,973	8,284	25,866	90,651	0	0	0	0	0	0	0	
II. Compensation Cost	0	6,295	0	0	0	0	0	0	0	0	0	0	6,295	0	0	0	0	0	0	0	0	0	0	0	6,295	0	0	0	0	0
1. Compensation	0	2,500	0	0	0	0	0	0	0	0	0	0	2,500	0	0	0	0	0	0	0	0	0	0	0	2,500	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	3,795	0	0	0	0	0	0	0	0	0	0	3,795	0	0	0	0	0	0	0	0	0	0	0	3,795	0	0	0	0	0
III. Administration Cost	0	1,577	0	1,704	0	4,600	0	994	0	16,399	0	1,577	0	1,704	0	4,600	0	994	0	16,399	0	1,577	0	1,704	0	4,600	0	994	0	
1. Administration	0	626	0	626	0	1,566	0	313	0	1,191	0	626	0	626	0	1,566	0	313	0	1,191	0	626	0	626	0	1,566	0	313	0	
2. Price Contingency (8%L.C.)	0	951	0	1,077	0	3,034	0	680	0	15,108	0	951	0	1,077	0	3,034	0	680	0	15,108	0	951	0	1,077	0	3,034	0	680	0	
IV. Engineering Cost	3,350	3,170	690	685	1,185	1,232	488	532	1,501	3,912	3,350	3,170	690	685	1,185	1,232	488	532	1,501	3,912	3,350	3,170	690	685	1,185	1,232	488	532	1,501	3,912
1. Detailed Design	2,350	1,259	0	0	0	0	0	0	0	0	2,350	1,259	0	0	0	0	0	0	0	0	0	2,350	1,259	0	0	0	0	0	0	0
2. Construction Supervision	0	0	470	252	783	420	313	168	467	296	0	0	470	252	783	420	313	168	467	296	0	0	470	252	783	420	313	168	467	296
3. Price Contingency (3%F.C. & 8%L.C.)	1,000	1,911	220	433	401	813	175	365	1,355	3,626	1,000	1,911	220	433	401	813	175	365	1,355	3,626	1,000	1,911	220	433	401	813	175	365	1,355	3,626
V. Physical Contingency (10% of Items I, II & IV)	335	947	2,160	2,143	2,811	2,924	1,158	1,263	4,735	10,171	335	947	2,160	2,143	2,811	2,924	1,158	1,263	4,735	10,171	335	947	2,160	2,143	2,811	2,924	1,158	1,263	4,735	10,171
VI. Total (Items I, II, III, IV & V)	3,685	11,989	23,762	25,276	30,919	36,760	12,739	14,887	52,090	138,175	3,685	11,989	23,762	25,276	30,919	36,760	12,739	14,887	52,090	138,175	3,685	11,989	23,762	25,276	30,919	36,760	12,739	14,887	52,090	138,175
VII. Value Added Tax (10% of Item VI)	0	1,567	0	4,904	0	6,768	0	2,763	0	18,026	0	1,567	0	4,904	0	6,768	0	2,763	0	18,026	0	1,567	0	4,904	0	6,768	0	2,763	0	18,026
VIII. Grand Total	3,685	13,557	23,762	30,179	30,919	43,528	12,739	17,650	52,090	146,301	3,685	13,557	23,762	30,179	30,919	43,528	12,739	17,650	52,090	146,301	3,685	13,557	23,762	30,179	30,919	43,528	12,739	17,650	52,090	146,301

Unit: Million Rp.

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 1.00 US\$ = 2.175 Rp. ; 1 Yen = 21.90 Rp.
 *3 Replacement Cost (Rubber Gate) is allocated at 2024 and not included in the Total Amount of the Project Cost
 *4 Figures may not add up to totals due to rounding

Table XV.1.21 (U/3) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT (FINANCIAL)
(1999 - 2004)

Description	Unit : Million Rp.																					
	Amount			1999			2000			2001			2002			2003			2004			
	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	
I. Construction Base Cost	571,477	882,290	1,453,767	0	0	0	0	0	0	0	0	0	48,316	47,910	62,207	64,679	64,679	25,629	27,941	27,941	0	0
1. Preparatory Works	33,414	22,854	56,268	0	0	0	0	0	0	0	0	0	9,535	6,471	0	0	0	0	0	0	0	0
2. Main Civil Works	334,149	228,536	562,685	0	0	0	0	0	0	0	0	0	28,606	19,413	47,677	32,356	19,071	12,942	12,942	12,942	0	0
Sub-Total	367,563	251,390	618,953	0	0	0	0	0	0	0	0	0	38,141	25,884	47,677	32,356	19,071	12,942	12,942	12,942	0	0
7. Price Contingency (3%F.C. & 8%L.C.)	203,914	630,900	834,814	0	0	0	0	0	0	0	0	0	10,175	22,026	14,531	32,323	6,559	14,999	14,999	14,999	0	0
II. Compensation Cost	0	22,345	22,345	0	0	0	2,056	0	2,220	0	0	0	0	0	0	0	0	0	0	0	0	0
1. Compensation	0	8,490	8,490	0	0	0	1,296	0	1,296	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	13,855	13,855	0	0	0	760	0	925	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	97,549	97,549	0	1,969	0	3,544	0	4,593	0	1,653	0	1,594	1,581	2,737	2,846	1,128	1,229	1,229	1,229	0	0
1. Administration	0	31,373	31,373	0	1,340	0	2,233	0	2,680	0	893	0	893	0	893	0	893	0	893	0	893	0
2. Price Contingency (8%L.C.)	0	66,176	66,176	0	629	0	1,311	0	1,913	0	760	0	760	0	892	0	892	0	892	0	892	0
IV. Engineering Cost	54,416	78,335	132,751	5,107	4,393	2,254	2,033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1. Detailed Design	22,054	15,084	37,138	4,405	2,990	1,888	1,281	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Construction Supervision	14,703	10,056	24,759	0	0	0	0	0	0	0	0	0	1,259	854	2,098	1,424	839	569	569	569	0	0
3. Price Contingency (3%F.C. & 8%L.C.)	17,659	53,195	70,854	702	1,403	366	752	0	0	0	0	0	336	727	639	1,422	289	660	660	660	0	0
V. Physical Contingency (10% of Items I, II & IV)	62,589	98,297	160,886	511	439	225	409	0	222	4,991	4,949	6,494	6,494	6,494	6,494	6,752	2,676	2,917	2,917	2,917	0	0
VI. Total (Items I, II, III, IV & V)	688,482	1,178,816	1,867,298	5,618	6,801	2,480	8,042	0	7,035	54,901	56,094	71,439	76,063	29,433	34,016	34,016	34,016	34,016	34,016	34,016	0	0
VII. Value Added Tax (10% of Item VI)	0	186,730	186,730	0	1,242	0	1,052	0	704	0	11,099	0	14,750	0	6,345	6,345	6,345	6,345	6,345	6,345	0	0
VIII. Grand Total	688,482	1,365,546	2,054,028	5,618	8,043	2,480	9,094	0	7,739	54,901	67,193	71,439	90,813	29,433	40,361	40,361	40,361	40,361	40,361	40,361	0	0

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 1.00 US\$ = 2,175 Rp ; 1 Yen = 21.90 Rp.
 *3 Figures may not add up to totals due to rounding

Table XV.1.21(2/3) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT (FINANCIAL)
(2005 - 2009)

Description	Unit : Million Rp.														
	2005			2006			2007			2008			2009		
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	
I. Construction Base Cost	0	0	0	0	71,746	78,040	98,531	112,378	101,487	121,368					
1. Preparatory Works	0	0	0	0	16,285	9,565	0	0	0	0					
2. Main Civil Works	0	0	0	0	32,570	19,130	65,141	38,260	65,141	38,260					
Sub-Total	0	0	0	0	48,855	28,695	65,141	38,260	65,141	38,260					
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	22,890	49,345	33,391	74,118	36,346	83,108					
II. Compensation Cost	0	0	0	0	8,058	0	0	0	0	0					
1. Compensation	0	0	0	0	3,200	0	0	0	0	0					
2. Price Contingency (8%L.C.)	0	0	0	0	4,858	0	0	0	0	0					
III. Administration Cost	0	5,029	0	9,052	0	11,731	0	8,446	0	4,561					
1. Administration	0	2,157	0	3,595	0	4,313	0	2,876	0	1,438					
2. Price Contingency (8%L.C.)	0	2,872	0	5,457	0	7,417	0	5,571	0	3,123					
IV. Engineering Cost	10,415	10,304	4,597	4,769	2,105	2,289	4,335	4,945	4,466	5,340					
1. Detailed Design	7,524	4,419	3,225	1,894	0	0	0	0	0	0					
2. Construction Supervision	0	0	0	0	1,433	842	2,866	1,684	2,866	1,684					
3. Price Contingency (3%F.C. & 8%L.C.)	2,891	5,885	1,373	2,875	671	1,448	1,469	3,261	1,599	3,657					
V. Physical Contingency (10% of Items I, II & IV)	1,041	1,030	460	1,283	7,385	8,033	10,287	11,732	10,595	12,671					
VI. Total (Items I, II, III, IV & V)	11,456	16,363	5,057	23,162	81,235	100,093	113,153	137,502	116,548	143,941					
VII. Value Added Tax (10% of Item VI)	0	2,782	0	2,822	0	18,133	0	25,065	0	26,049					
VIII. Grand Total	11,456	19,145	5,057	25,984	81,235	118,226	113,153	162,567	116,548	169,990					

Notes : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Figures may not add up to totals due to rounding

Table XV.1.21 (3/3) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT (FINANCIAL)
(2012-2019)

Unit : Million Rp.

Description	2012		2013		2014		2015		2016		2017		2018		2019		
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	
I. Construction Base Cost	0	0	0	0	36,748	91,772	31,542	82,593	0	0	0	0	0	51,266	134,531	44,004	121,078
1. Preparatory Works	0	0	0	0	3,391	3,282	0	0	0	0	0	0	0	4,203	3,536	0	0
2. Main Civil Works	0	0	0	0	16,956	16,408	16,956	16,408	0	0	0	0	0	21,017	17,680	21,017	17,680
Sub-Total	0	0	0	0	20,347	19,690	16,956	16,408	0	0	0	0	0	25,220	21,216	21,017	17,680
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	16,402	72,082	14,587	66,185	0	0	0	0	0	26,047	113,316	22,987	103,398
II. Compensation Cost	0	0	0	8,631	0	0	0	0	0	0	0	1,380	0	0	0	0	0
1. Compensation	0	0	0	2,000	0	0	0	0	0	0	0	699	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	6,631	0	0	0	0	0	0	0	681	0	0	0	0	0
III. Administration Cost	0	3,766	0	4,068	0	4,393	0	4,744	0	5,833	0	6,300	0	6,804	0	7,348	0
1. Administration	0	943	0	943	0	943	0	945	0	1,073	0	1,073	0	1,073	0	1,073	0
2. Price Contingency (8%L.C.)	0	2,824	0	3,125	0	3,450	0	3,802	0	4,760	0	5,227	0	5,731	0	6,275	0
IV. Engineering Cost	3,810	8,655	0	0	1,347	3,365	1,388	3,634	5,316	12,689	0	0	1,880	4,933	1,936	5,328	0
1. Detailed Design	2,238	2,166	0	0	0	0	0	0	2,774	2,334	0	0	0	0	0	0	0
2. Construction Supervision	0	0	0	0	746	722	746	722	0	0	0	0	925	778	925	778	0
3. Price Contingency (3%F.C. & 8%L.C.)	1,572	6,489	0	0	601	2,643	642	2,912	2,542	10,355	0	0	955	4,155	1,012	4,550	0
V. Physical Contingency (10% of Items I, II & IV)	381	866	0	863	3,810	9,514	3,293	8,623	532	1,269	0	138	5,315	13,946	4,594	12,641	0
VI. Total (Items I, II, III, IV & V)	4,191	13,287	0	13,562	41,905	109,044	36,223	99,594	5,848	19,791	0	7,818	58,461	160,215	50,534	146,395	0
VII. Value Added Tax (10% of Item VI)	0	1,748	0	1,356	0	15,095	0	13,582	0	2,564	0	782	0	21,868	0	19,693	0
VIII. Grand Total	4,191	15,035	0	14,918	41,905	124,139	36,223	113,176	5,848	22,355	0	8,599	58,461	182,083	50,534	166,088	0

Notes : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Figures may not add up to totals due to rounding

Table XV.1.22 (1/2) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT (FINANCIAL)
(2004 - 2009)

Description	Unit: Million Rp.																																			
	2004						2005						2006						2007						2008						2009					
	F.C.	L.C.	Total	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.									
I. Construction Base Cost	1,494,010	2,104,520	3,598,529	0	0	0	0	0	0	14,607	23,790	82,748	113,457	156,474	181,258	224,099	125,686	0	0	0	0	0	0	0	0	0	0	0								
1. Preparatory Works	58,404	38,677	97,081	0	0	0	0	0	0	7,562	5,963	7,562	5,963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
2. Access Road	4,784	6,125	10,909	0	0	0	0	0	0	2,683	3,485	671	871	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
3. Main Civil Works	579,260	380,643	959,903	0	0	0	0	0	0	0	0	44,367	34,468	73,946	57,447	29,578	22,979	0	0	0	0	0	0	0	0	0	0	0	0							
4. Hydro-Mechanical Works	41,978	4,665	46,643	0	0	0	0	0	0	0	0	3,747	416	7,494	833	26,230	2,915	0	0	0	0	0	0	0	0	0	0	0	0							
5. Turbines, Generators & GIS	135,630	15,070	150,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
6. Transmission Line	21,350	9,150	30,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Sub-Total	841,406	454,330	1,295,736	0	0	0	0	0	0	10,245	9,447	56,347	47,718	103,448	61,711	143,841	39,621	0	0	0	0	0	0	0	0	0	0	0	0							
7. Price Contingency (3%F.C. & 8%L.C.)	652,604	1,650,190	2,302,793	0	0	0	0	0	0	4,362	14,343	26,401	71,739	53,026	119,547	80,258	86,064	0	0	0	0	0	0	0	0	0	0	0	0	0						
II. Compensation Cost	0	42,718	42,718	0	0	0	0	0	0	13,990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
1. Compensation	0	12,571	12,571	0	0	0	0	0	0	6,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
2. Price Contingency (8%L.C.)	0	30,147	30,147	0	0	0	0	0	0	7,990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
III. Administration Cost	0	269,278	269,278	0	7,649	0	13,768	0	17,843	0	17,843	0	6,423	0	6,937	0	7,492	0	0	0	0	0	0	0	0	0	0	0	0	0						
1. Administration	0	65,415	65,415	0	3,543	0	5,905	0	7,086	0	7,086	0	2,362	0	2,362	0	2,362	0	0	0	0	0	0	0	0	0	0	0	0	0						
2. Price Contingency (8%L.C.)	0	203,863	203,863	0	4,106	0	7,863	0	10,757	0	10,757	0	4,062	0	4,575	0	5,130	0	0	0	0	0	0	0	0	0	0	0	0	0						
IV. Engineering Cost	140,570	183,362	323,932	17,717	13,828	7,821	6,400	1,790	1,536	7,375	5,697	3,912	3,870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
1. Detailed Design	50,485	27,260	77,745	13,183	6,405	5,630	2,745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
2. Construction Supervision	33,656	18,174	51,830	0	0	0	0	1,236	610	5,022	2,440	3,767	1,830	2,511	1,220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
3. Price Contingency (3%F.C. & 8%L.C.)	56,429	137,928	194,357	4,534	7,423	2,171	3,655	535	926	2,353	4,196	1,831	3,545	1,401	2,650	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
V. Physical Contingency (10% of Items I, II & IV)	163,458	233,060	396,518	1,772	1,383	782	2,039	1,640	2,533	9,012	12,009	16,217	18,663	22,801	12,956	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
VI. Total (Items I, II, III, IV & V)	1,798,038	2,832,938	4,630,976	19,488	22,859	8,603	36,197	18,037	45,702	99,135	138,526	178,389	212,234	250,812	130,004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
VII. Value Added Tax (10% of Item VI)	0	463,098	463,098	0	4,235	0	4,480	0	6,374	0	6,374	0	39,062	0	40,082	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
VIII. Grand Total	1,798,038	3,296,036	5,094,074	19,488	27,094	8,603	40,677	18,037	52,075	99,135	162,292	178,389	251,296	250,812	190,085	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

Notes: *1. Price Level in July 1994
 *2. Conversion Rate - 1.00 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.
 *3. Figures may not add up to totals due to rounding

Table XV.1.22 (2/2) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT (FINANCIAL)
(2010 - 2019)

Description	2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	
	Unit : Million Rp.																				
I. Construction Base Cost	0	0	0	0	30,542	43,534	74,662	137,597	103,043	188,621	102,118	98,263	154,621	245,962	286,667	478,149	196,845	344,267	67,583	123,936	
1. Preparatory Works	0	0	0	0	5,501	4,328	5,501	4,328	0	0	0	0	16,139	9,049	16,139	9,049	0	0	0	0	
2. Access Road	0	0	0	0	1,144	1,415	286	354	0	0	0	0	0	0	0	0	0	0	0	0	
3. Main Civil Works	0	0	0	0	11,295	5,152	36,341	27,152	46,763	38,956	14,187	13,522	64,556	36,194	129,113	72,388	96,835	54,291	32,278	18,097	
4. Hydro-Mechanical Works	0	0	0	0	0	0	0	451	50	901	3,154	351	0	0	0	0	0	0	0		
5. Turbines, Generators & GIS	0	0	0	0	0	0	0	0	8,226	914	32,904	3,656	0	0	0	0	0	0	0		
6. Transmission Line	0	0	0	0	0	0	0	0	1,162	498	4,648	1,992	0	0	0	0	0	0	0		
Sub-Total	0	0	0	0	17,940	10,894	42,579	31,883	57,053	40,468	54,893	19,521	80,695	45,242	145,252	81,436	96,835	54,291	32,278	18,097	
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	12,602	32,640	32,083	105,714	45,991	148,153	47,224	78,742	79,925	200,719	141,415	396,713	100,010	289,976	35,305	105,839	
II. Compensation Cost	0	0	0	0	12,066	0	0	0	0	0	0	16,662	0	0	0	0	0	0	0	0	
1. Compensation	0	0	0	0	3,261	0	0	0	0	0	0	3,310	0	0	0	0	0	0	0	0	
2. Price Contingency (8%L.C.)	0	0	0	0	8,805	0	0	0	0	0	0	13,352	0	0	0	0	0	0	0	0	
III. Administration Cost	0	7,155	0	12,880	0	16,692	0	7,316	0	25,976	0	40,561	0	45,458	0	16,365	0	17,674	0	19,088	
1. Administration	0	2,089	0	3,481	0	4,177	0	1,685	0	5,573	0	8,058	0	8,362	0	2,787	0	2,787	0	2,787	
2. Price Contingency (8%L.C.)	0	5,067	0	9,399	0	12,515	0	5,631	0	20,403	0	32,503	0	37,097	0	13,578	0	14,887	0	16,301	
IV. Engineering Cost	12,023	15,176	4,720	6,425	1,739	2,247	4,839	7,096	34,519	50,285	9,877	15,403	2,721	4,329	11,212	18,701	8,661	15,148	5,947	10,907	
1. Detailed Design	7,492	4,430	2,856	1,737	0	0	0	0	17,043	9,555	4,261	2,389	0	0	0	0	0	0	0	0	
2. Construction Supervision	0	0	0	0	1,021	562	2,760	1,644	2,070	1,233	1,048	671	1,420	796	5,681	3,185	4,261	2,389	2,840	1,593	
3. Price Contingency (3%F.C. & 8%L.C.)	4,531	10,746	1,864	4,689	717	1,684	2,079	5,452	15,407	39,497	4,567	12,343	1,301	3,533	5,531	15,516	4,400	12,759	3,107	9,314	
V. Physical Contingency (10% of Items I, II & IV)	1,202	1,518	472	1,849	3,228	4,578	7,950	14,469	13,756	23,891	11,199	13,033	15,734	25,029	29,788	49,685	20,551	35,942	7,353	13,484	
VI. Total (Items I, II, III, IV & V)	13,225	23,849	5,192	33,220	35,509	67,051	87,451	166,479	151,319	288,773	123,194	183,921	173,076	320,778	327,667	562,900	226,057	413,031	80,884	167,415	
VII. Value Added Tax (10% of Item VI)	0	3,707	0	3,841	0	10,256	0	25,393	0	44,009	0	30,712	0	49,385	0	89,057	0	65,909	0	24,830	
VIII. Grand Total	13,225	27,556	5,192	37,061	35,509	77,307	87,451	191,872	151,319	332,782	123,194	214,633	173,076	370,163	327,667	651,957	226,057	476,940	80,884	192,245	

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 1.00 US\$ = 2.175 Rp ; 1 Yen = 21.90 Rp.
 *3 Figures may not add up to totals due to rounding

Table XV.1.23 (1/3) ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (FINANCIAL)
(1996-2004)

Description	Amount												Unit: Million Rp.								
	1996		1997		1998		1999		2000		2001		2002		2003		2004				
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.			
I. Construction Base Cost	1,732,530	2,332,631	4,065,161	0	0	0	7,342	5,148	9,452	6,949	39,413	33,742	91,602	66,736	133,459	102,463	75,781	63,747	31,734		
1. Preparatory Works	89,978	59,760	149,738	0	0	0	1,631	946	0	0	9,454	8,970	2,267	1,289	5,291	3,009	0	0	0	0	
2. Main Civil Works	1,008,148	611,914	1,620,062	0	0	0	4,892	2,838	8,154	4,730	23,554	12,293	72,213	37,650	100,063	52,349	58,080	31,889	27,850	14,699	
Sub-Total	1,098,126	671,674	1,769,800	0	0	0	6,523	3,784	8,154	4,730	33,008	21,263	74,481	38,940	105,354	55,358	58,080	31,889	27,850	14,699	
7. Price Contingency (3% F.C. & 8% L.C.)	634,404	1,660,957	2,295,361	0	0	0	819	1,364	1,299	2,220	6,405	12,479	17,121	27,796	28,105	47,106	17,701	31,858	9,378	17,035	
II. Competition Cost	0	92,250	92,250	0	0	0	353	0	1,609	0	3,475	0	1,877	0	0	0	0	0	0	0	
1. Compensation	0	38,506	38,506	0	0	0	280	0	1,095	0	2,190	0	1,095	0	0	0	0	0	0	0	
2. Price Contingency (8% L.C.)	0	53,744	53,744	0	0	0	73	0	514	0	1,285	0	782	0	0	0	0	0	0	0	
III. Administration Cost	0	284,242	284,242	0	2,140	0	2,852	0	6,103	0	3,686	0	6,119	0	5,208	0	4,378	0	4,728	0	5,106
1. Administration	0	90,415	90,415	0	1,834	0	2,264	0	4,486	0	2,508	0	3,856	0	3,039	0	2,365	0	2,365	0	2,365
2. Price Contingency (8% L.C.)	0	193,827	193,827	0	305	0	588	0	1,617	0	1,177	0	2,263	0	2,169	0	2,013	0	2,363	0	2,741
IV. Engineering Cost	163,185	202,473	365,658	7,901	4,681	6,962	4,270	3,049	2,099	2,151	1,556	2,377	1,749	3,748	2,810	5,358	4,221	3,278	2,793	1,589	1,384
1. Detailed Design	65,887	40,390	106,187	7,448	4,013	6,371	3,389	2,494	1,418	1,496	851	998	567	0	0	0	0	0	0	0	0
2. Construction Supervision	43,925	26,866	70,791	0	0	0	0	215	125	359	208	993	535	3,047	1,639	4,229	2,280	2,512	1,397	1,182	641
3. Price Contingency (3% F.C. & 8% L.C.)	53,373	135,307	188,680	454	668	591	880	340	556	295	497	386	647	701	1,170	1,128	1,940	766	1,396	407	743
V. Physical Contingency (10% of Items I, III & IV)	189,571	262,735	452,307	790	468	696	462	1,039	2,480	1,160	1,011	4,179	3,897	9,535	7,142	13,882	10,668	7,906	6,654	3,902	3,312
VI. Total (Items I, II, III, IV & V)	2,085,286	3,174,332	5,259,618	8,692	7,289	7,658	7,936	11,430	33,380	12,763	14,811	45,969	48,982	104,884	83,773	152,698	121,730	86,965	77,922	42,918	41,536
VII. Value Added Tax (10% of Item VI)	0	525,962	525,962	0	1,598	0	1,559	0	4,481	0	2,757	0	9,495	0	18,866	0	27,443	0	16,489	0	8,445
VIII. Grand Total	2,085,286	3,700,294	5,785,580	8,692	8,887	7,658	9,496	11,430	37,861	12,763	17,568	45,969	58,477	104,884	102,638	152,698	149,173	86,965	94,411	42,918	49,981

Notes: *1. Price Level in July 1994
 *2. Conversion Rate - 1.00 US\$ = 2.175 Rp.; 1 Yen = 21.90 Rp.
 *3. Figures may not add up to totals due to rounding

Table XV.1.23 (2/3) ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (FINANCIAL)
(2005 - 2010)

Description	Unit : Million Rp.											
	2005		2006		2007		2008		2009		2010	
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	0	0	0	0	149,579	177,756	192,582	239,972	79,344	103,668	35,239	41,426
1. Preparatory Works	0	0	0	0	25,464	16,340	0	0	0	0	10,980	6,046
2. Main Civil Works	0	0	0	0	76,392	49,021	127,320	81,701	50,928	32,680	10,980	6,046
Sub-Total	0	0	0	0	101,856	65,361	127,320	81,701	50,928	32,680	21,960	12,092
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	47,723	112,396	65,263	158,271	28,416	70,987	13,279	29,334
II. Compensation Cost	0	0	0	11,735	0	0	0	29,874	0	0	0	0
1. Compensation	0	0	0	4,660	0	0	0	10,171	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	7,075	0	0	0	19,703	0	0	0	0
III. Administration Cost	0	5,415	0	25,880	0	21,634	0	12,621	0	10,499	0	10,383
1. Administration	0	2,323	0	10,277	0	7,955	0	4,297	0	3,310	0	3,031
2. Price Contingency (8%L.C.)	0	3,093	0	15,603	0	13,679	0	8,324	0	7,189	0	7,353
IV. Engineering Cost	23,263	25,145	5,166	5,024	10,257	11,292	8,474	10,559	3,491	4,561	22,662	37,311
1. Detailed Design	16,806	10,784	3,623	1,995	3,623	1,995	0	0	0	0	13,639	10,625
2. Construction Supervision	0	0	0	0	3,361	2,157	5,602	3,995	2,241	1,438	483	266
3. Price Contingency (3%F.C. & 8%L.C.)	6,457	14,361	1,543	3,029	3,272	7,140	2,872	6,964	1,250	3,123	8,540	26,420
V. Physical Contingency (10% of Items I, II & IV)	2,326	2,515	517	1,676	15,984	18,905	20,106	28,040	8,283	10,823	5,790	7,874
VI. Total (Items I, II, III, IV & V)	25,590	33,075	5,682	44,314	175,819	229,587	221,161	321,066	91,118	129,551	63,691	96,995
VII. Value Added Tax (10% of Item VI)	0	5,866	0	5,000	0	40,541	0	54,223	0	22,067	0	16,069
VIII. Grand Total	25,590	38,942	5,682	49,314	175,819	270,127	221,161	375,289	91,118	151,618	63,691	113,063

Notes : *1 Price Level in July 1994
*2 Conversion Rate - 1:00 US\$ = 2.175 Rp. ; 1 Yen = 21.90 Rp.
*3 Figures may not add up to totals due to rounding

Table XV.1.23 (3/3) ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (FINANCIAL)
(2011-2019)

Unit : Million Rp.

Description	2011		2012		2013		2014		2015		2016		2017		2018		2019		
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	
I. Construction Base Cost	54,442	67,110	215,491	353,950	200,435	373,463	94,477	178,244	0	0	0	0	0	112,304	163,866	144,591	223,923	59,571	96,735
1. Preparatory Works	0	0	20,665	16,098	0	0	0	0	0	0	0	0	0	14,226	7,062	0	0	0	0
2. Main Civil Works	32,939	18,138	105,913	72,478	114,305	86,536	52,310	38,242	0	0	0	0	0	42,677	21,188	71,129	35,313	28,452	14,125
Sub-Total	32,939	18,138	126,578	88,576	114,305	86,536	52,310	38,242	0	0	0	0	0	56,903	28,250	71,129	35,313	28,452	14,125
7. Price Contingency (3%F.C. & 8%L.C.)	21,504	48,972	88,913	265,374	86,130	286,927	42,167	140,902	0	0	0	0	0	55,400	137,616	73,462	188,610	31,120	82,610
II. Compensation Cost	0	15,910	0	0	0	0	0	0	0	0	0	0	0	9,867	0	0	0	0	0
1. Compensation	0	4,300	0	0	0	0	0	0	0	0	0	0	0	1,815	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	11,610	0	0	0	0	0	0	0	0	0	0	0	8,052	0	0	0	0	0
III. Administration Cost	0	33,897	0	28,443	0	13,080	0	14,126	0	5,939	0	25,638	0	20,783	0	7,482	0	8,081	0
1. Administration	0	9,161	0	7,118	0	3,031	0	3,031	0	1,180	0	4,720	0	3,540	0	1,180	0	1,180	0
2. Price Contingency (8%L.C.)	0	24,736	0	21,325	0	10,049	0	11,096	0	4,760	0	20,918	0	17,244	0	6,302	0	6,901	0
IV. Engineering Cost	2,395	2,953	7,934	12,743	8,819	16,432	4,157	7,843	17,466	23,465	0	0	0	3,706	5,474	6,362	9,853	2,621	4,256
1. Detailed Design	0	0	0	0	0	0	0	0	9,389	4,661	0	0	0	0	0	0	0	0	0
2. Construction Supervision	1,449	798	4,660	3,189	5,029	3,808	2,302	1,683	0	0	0	0	1,878	932	3,130	1,554	1,252	622	622
3. Price Contingency (3%F.C. & 8%L.C.)	946	2,155	3,273	9,554	3,790	12,625	1,855	6,160	8,077	18,803	0	0	0	1,828	4,542	3,232	8,299	1,369	3,635
V. Physical Contingency (10% of Items I, II & IV)	5,684	8,597	22,342	36,669	20,925	38,990	9,863	18,609	1,747	2,346	0	987	11,601	17,134	15,095	23,378	6,219	10,099	0
VI. Total (Items I, II, III, IV & V)	62,521	128,467	245,767	431,805	230,179	441,965	108,498	218,822	19,213	31,751	0	36,512	127,611	209,257	166,048	264,635	68,412	119,171	0
VII. Value Added Tax (10% of Item VI)	0	19,099	0	67,757	0	67,214	0	32,732	0	5,096	0	3,651	0	33,687	0	43,068	0	18,758	0
VIII. Grand Total	62,521	147,566	245,767	499,562	230,179	509,180	108,498	251,554	19,213	36,847	0	40,164	127,611	242,944	166,048	307,704	68,412	137,929	0

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 1,000 US\$ = 2,175 Rp. ; 1 Yen = 21,90 Rp.
 *3 Figures may not add up to totals due to rounding

Table XV.1.24 (1/3) ANNUAL DISBURSEMENT SCHEDULE OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT (FINANCIAL)
(1996-1999)

Description	Unit: Million Rp.											
	1996			1997			1998			1999		
	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total
I. Construction Base Cost	434,111	537,803	971,914	0	0	0	0	26,636	17,663	22,863	15,897	0
1. Preparatory Works	27,048	15,937	42,985	0	0	0	0	3,944	2,164	0	0	0
2. Main Civil Works	270,490	159,366	422,856	0	0	0	0	19,722	10,819	19,722	10,819	0
Sub-Total	297,538	175,303	472,841	0	0	0	0	23,666	12,983	19,722	10,819	0
7. Price Contingency (3%F.C. & 8%L.C.)	136,573	362,500	499,073	0	0	0	0	2,970	4,680	3,141	5,078	0
II. Compensation Cost	0	27,353	27,353	0	0	0	0	781	0	0	0	0
1. Compensation	0	9,390	9,390	0	0	0	0	620	0	0	0	0
2. Price Contingency (8%L.C.)	0	17,963	17,963	0	0	0	0	161	0	0	0	0
III. Administration Cost	0	65,282	65,282	0	593	0	2,135	0	1,153	0	498	0
1. Administration	0	24,111	24,111	0	509	0	1,695	0	848	0	339	0
2. Price Contingency (8%L.C.)	0	41,171	41,171	0	85	0	440	0	306	0	159	0
IV. Engineering Cost	41,611	48,277	89,888	2,762	1,666	0	0	977	648	1,006	699	0
1. Detailed Design	17,853	10,517	28,370	2,603	1,428	0	0	0	0	0	0	0
2. Construction Supervision	11,902	7,012	18,914	0	0	0	0	868	476	868	476	0
3. Price Contingency (3%F.C. & 8%L.C.)	11,856	30,748	42,604	159	238	0	0	109	172	138	223	0
V. Physical Contingency (10% of Items I, II & IV)	47,572	61,343	108,915	276	167	0	78	2,761	1,831	2,387	1,660	0
VI Total (Items I, II, III, IV & V)	523,294	740,058	1,263,352	3,038	2,425	0	2,994	30,374	21,295	26,256	18,754	0
VII. Value Added Tax (10% of Item VI)	0	126,335	126,335	0	546	0	299	0	5,167	0	4,501	0
VIII. Grand Total	523,294	866,393	1,389,687	3,038	2,972	0	3,294	30,374	26,462	26,256	23,255	0

Notes: *1. Price Level in July 1994

*2. Conversion Rate - 1,000 US\$ = 2,175 Rp.; 1 Yen = 21,90 Rp.

*3. Figures may not add up to totals due to rounding

Table XV.1.24 (2/3) ANNUAL DISBURSEMENT SCHEDULE OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT (FINANCIAL)
(2000 - 2007)

Description	2000		2001		2002		2003		2004		2005		2006		2007	
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	0	0	0	0	74,998	55,627	64,374	50,064	0	0	0	0	46,325	41,488	39,763	37,339
1. Preparatory Works	0	0	0	0	9,867	5,009	0	0	0	0	0	0	5,415	2,746	0	0
2. Main Civil Works	0	0	0	0	49,337	25,045	49,337	25,045	0	0	0	0	27,077	13,730	27,077	13,730
Sub-Total	0	0	0	0	59,204	30,054	49,337	25,045	0	0	0	0	32,492	16,476	27,077	13,730
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	15,794	25,573	15,037	25,020	0	0	0	0	13,834	25,013	12,686	23,610
II. Compensation Cost	0	0	0	0	5,570	0	0	0	0	0	0	0	4,127	0	0	0
1. Compensation	0	0	0	0	3,250	0	0	0	0	0	0	0	1,770	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	2,320	0	0	0	0	0	0	0	2,357	0	0	0
III. Administration Cost	0	1,986	0	7,150	0	3,861	0	1,688	0	1,482	0	5,336	0	2,881	0	1,245
1. Administration	0	1,252	0	4,172	0	2,086	0	834	0	687	0	2,289	0	1,144	0	458
2. Price Contingency (8%L.C.)	0	735	0	2,978	0	1,775	0	854	0	796	0	3,047	0	1,737	0	787
IV. Engineering Cost	7,776	5,246	0	0	2,750	2,040	2,832	2,203	4,803	3,912	0	0	1,699	1,521	1,750	1,643
1. Detailed Design	6,512	3,306	0	0	0	0	0	0	3,574	1,812	0	0	0	0	0	0
2. Construction Supervision	0	0	0	0	2,171	1,102	2,171	1,102	0	0	0	0	1,191	604	1,191	604
3. Price Contingency (3%F.C. & 8%L.C.)	1,264	1,940	0	0	579	938	662	1,101	1,229	2,100	0	0	507	917	558	1,039
V. Physical Contingency (10% of Items I, II & IV)	778	525	0	557	7,775	5,767	6,721	5,227	480	391	0	413	4,802	4,301	4,151	3,898
VI. Total (Items I, II, III, IV & V)	8,554	7,757	0	13,277	85,523	67,294	73,927	59,162	5,284	5,785	0	9,876	52,826	50,191	45,664	44,125
VII. Value Added Tax (10% of Item VI)	0	1,631	0	1,328	0	15,282	0	13,309	0	1,107	0	988	0	10,302	0	8,979
VIII. Grand Total	8,554	9,388	0	14,605	85,523	82,576	73,927	72,470	5,284	6,892	0	10,863	52,826	60,493	45,664	53,103

Notes: *1. Price Level in July 1994
 *2. Conversion Rate - 100 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.
 *3. Figures may not add up to totals due to rounding

Table XV.1.24 (B) ANNUAL DISBURSEMENT SCHEDULE OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT (FINANCIAL)
(2008 - 2019)

Description	2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019			
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.		
	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.	Unit	Million Rp.
I. Construction Base Cost	0	0	0	0	12,148	31,365	10,427	28,227	0	0	0	0	0	0	51,943	94,324	44,585	84,891	0	0	0	0	21,552	42,587	18,499	38,331
1. Preparatory Works	0	0	0	0	1,262	1,526	0	0	0	0	0	0	0	0	4,793	3,373	0	0	0	0	0	0	1,767	1,119	0	0
2. Main Civil Works	0	0	0	0	6,309	7,629	6,309	7,629	0	0	0	0	0	0	23,967	16,964	23,967	16,864	0	0	0	0	8,835	5,597	8,835	5,597
Sub-Total	0	0	0	0	7,571	9,155	6,309	7,629	0	0	0	0	0	0	28,760	20,237	23,967	16,864	0	0	0	0	10,602	6,716	8,835	5,597
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	4,578	22,210	4,118	20,598	0	0	0	0	0	0	23,183	74,087	20,618	68,027	0	0	0	0	10,950	35,871	9,664	32,754
II. Compensation Cost	0	0	0	0	1,567	0	0	0	0	0	0	0	0	0	9,624	0	0	0	0	0	0	0	5,284	0	0	0
1. Compensation	0	0	0	0	620	0	0	0	0	0	0	0	0	0	2,230	0	0	0	0	0	0	0	900	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	1,947	0	0	0	0	0	0	0	0	0	7,394	0	0	0	0	0	0	0	4,384	0	0	0
III. Administration Cost	0	689	0	2,481	0	2,481	0	1,340	0	579	0	2,759	0	9,933	0	5,364	0	2,317	0	1,332	0	4,794	0	2,589	0	1,118
1. Administration	0	235	0	782	0	391	0	156	0	156	0	690	0	2,302	0	1,151	0	460	0	245	0	817	0	408	0	163
2. Price Contingency (8%L.C.)	0	454	0	1,699	0	949	0	422	0	2,069	0	7,631	0	7,631	0	4,213	0	1,857	0	1,087	0	3,978	0	2,181	0	955
IV. Engineering Cost	1,260	2,957	0	0	445	1,150	459	1,242	5,386	8,895	0	0	0	1,905	3,458	1,962	3,735	2,235	4,015	0	0	790	1,561	814	1,686	
1. Detailed Design	833	1,007	0	0	0	0	0	0	3,164	2,226	0	0	0	0	0	0	0	1,166	739	0	0	0	0	0	0	
2. Construction Supervision	0	0	0	0	278	336	278	336	0	0	0	0	0	0	1,055	742	1,055	742	0	0	0	0	389	246	389	246
3. Price Contingency (3%F.C. & 8%L.C.)	427	1,950	0	0	168	814	181	906	2,222	6,669	0	0	0	850	2,716	907	2,993	1,069	3,277	0	0	402	1,315	425	1,440	
V. Physical Contingency (10% of Items I, II & IV)	126	296	0	197	1,259	3,251	1,089	2,947	539	890	0	962	5,385	9,778	4,655	8,863	223	402	0	528	2,234	4,415	1,931	4,002		
VI. Total (Items I, II, III, IV & V)	1,386	3,942	0	4,644	13,853	37,105	11,974	32,995	5,925	12,544	0	20,519	59,232	112,924	51,201	99,805	2,458	5,749	0	10,607	24,576	51,152	21,244	45,137		
VII. Value Added Tax (10% of Item VI)	0	533	0	464	0	5,096	0	4,497	0	1,847	0	2,052	0	17,216	0	15,101	0	821	0	1,061	0	7,573	0	6,638		
VIII. Grand Total	1,386	4,475	0	5,108	13,853	42,201	11,974	37,492	5,925	14,391	0	22,571	59,232	130,140	51,201	114,906	2,458	6,569	0	11,667	24,576	58,725	21,244	51,775		

Notes: *1. Price Level in July 1994
*2. Conversion Rate - 1,000 US\$ = 2,175 Rp.; 1 Yen = 21,900 Rp.
*3. Figures may not add up in totals due to rounding

Table XV.1.25 (1/2) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN WATER SUPPLY PROJECT (ECONOMIC)
(KUOK INTAKE WEIR/RANTAUBERANGIN IRRIGATION - INITIAL)

Unit: Million Rp.

Description	Amount		1996		1997		1998		1999		2000		2001		2002		2003		2004			
	Total		F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.		
	F.C.	L.C.																				
I. Construction Base Cost	116,636	60,623	177,259	0	0	0	0	0	0	0	0	0	8,061	4,077	19,112	9,827	22,102	11,499	20,643	10,779	11,122	5,982
1. Preparatory Works	10,603	5,511	16,115	0	0	0	0	0	0	0	0	0	3,684	1,917	3,684	1,917	0	0	0	0	0	0
2. Head Works	29,183	14,404	43,587	0	0	0	0	0	0	0	0	0	4,378	2,161	8,755	4,321	8,755	4,321	7,296	3,601	0	0
3. Head Reach & Main canal	45,187	31,613	76,800	0	0	0	0	0	0	0	0	0	0	3,737	2,746	7,474	5,491	7,474	5,491	6,228	4,576	
4. Left Bank Irrigation System	26,675	7,662	34,337	0	0	0	0	0	0	0	0	0	0	2,188	629	4,377	1,257	4,377	1,257	3,647	1,048	
5. Right bank Irrigation System	4,987	1,433	6,419	0	0	0	0	0	0	0	0	0	0	748	215	1,496	430	1,496	430	1,247	358	
Sub-Total	116,636	60,623	177,259	0	0	0	0	0	0	0	0	0	8,061	4,077	19,112	9,827	22,102	11,499	20,643	10,779	11,122	5,982
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	7,012	7,012	0	0	0	0	455	0	2,049	0	2,049	0	2,049	0	0	0	0	0	0	0	0
1. Compensation	0	7,012	7,012	0	0	0	0	455	0	2,049	0	2,049	0	2,049	0	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	10,216	10,216	0	708	0	708	0	708	0	1,063	0	1,063	0	1,063	0	708	0	708	0	708	0
1. Administration	0	10,216	10,216	0	708	0	708	0	708	0	1,063	0	1,063	0	1,063	0	708	0	708	0	708	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	12,831	6,889	19,720	1,605	862	1,337	719	1,337	719	1,070	575	535	287	892	479	892	479	892	479	892	479	357
1. Detailed Design	7,699	4,133	11,832	1,605	862	1,337	719	1,337	719	1,070	575	0	0	0	0	0	0	0	0	0	0	0
2. Construction Supervision	5,132	2,756	7,888	0	0	0	0	0	0	0	0	535	287	892	479	892	479	892	479	892	479	357
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	12,947	7,452	20,399	160	86	134	72	134	117	107	262	860	641	2,000	1,051	2,299	1,198	2,153	1,126	1,148	617	
VI. Total (Items I, II, III, IV & V)	142,413	92,193	234,606	1,765	1,657	1,471	1,499	1,471	2,000	1,177	3,949	9,456	8,118	22,004	12,045	25,293	13,885	23,688	13,092	12,627	7,499	
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VIII. Grand Total	142,413	92,193	234,606	1,765	1,657	1,471	1,499	1,471	2,000	1,177	3,949	9,456	8,118	22,004	12,045	25,293	13,885	23,688	13,092	12,627	7,499	

Notes: *1. Price Level in July 1994
 *2. Conversion Rate - 1.00 US\$ = 2.175 Rp.; 1 Yen = 21.90 Rp.
 *3. Replacement Cost (Rubber Gate) is allocated at 2024 and not included in the Total Amount of the Project Cost
 *4. Figures may not add up to totals due to rounding

Table XV.1.25 (2/2) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN WATER SUPPLY PROJECT (ECONOMIC)
(RANTAU BERANGIN IRRIGATION - FINAL)

Description	2006						2007						2008						2009						2020					
	F.C.		L.C.		F.C.		L.C.		F.C.		L.C.		F.C.		L.C.		F.C.		L.C.		F.C.		L.C.		F.C.		L.C.			
I. Construction Base Cost	0	0	12,944	0	6,712	16,180	8,390	6,472	3,356	13,150	6,266	0	0	3,236	1,678	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1. Preparatory Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2. Head Works	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3. Head Reach & Main canal	0	0	6,082	3,993	10,137	6,655	4,055	2,662	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4. Left Bank Irrigation System	0	0	3,626	1,041	6,043	1,736	2,417	694	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Right bank Irrigation System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sub-Total	0	0	12,944	6,712	16,180	8,390	6,472	3,356	13,150	6,266	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
III. Compensation Cost	0	2,438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1. Compensation	0	2,438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
III. Administration Cost	0	626	0	626	0	1,566	0	313	0	1,072	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1. Administration	0	626	0	626	0	1,566	0	313	0	1,072	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IV. Engineering Cost	2,350	1,259	470	252	783	420	313	168	605	251	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1. Detailed Design	2,350	1,259	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2. Construction Supervision	0	0	470	252	783	420	313	168	605	251	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
V. Physical Contingency (10% of Items I, II & IV)	235	372	1,341	696	1,696	881	679	352	1,576	654	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VI. Total (Items I, II, III, IV & V)	2,585	4,715	14,755	8,287	18,659	11,257	7,464	4,190	17,332	8,303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VIII. Grand Total	2,585	4,715	14,755	8,287	18,659	11,257	7,464	4,190	17,332	8,303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 1.00 US\$ = 2.175 Rp ; 1 Yen = 21.90 Rp.
 *3 Replacement Cost (Rubber Gate) is allocated at 2024 and not included in the Total Amount of the Project Cost
 *4 Figures may not add up to totals due to rounding

Table XV.1.26 (1/3) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT (ECONOMIC)
(1999 - 2004)

Description	Unit : Million Rp.													
	Amount		1999		2000		2001		2002		2003		2004	
	F.C.	L.C.	Total	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	
I. Construction Base Cost	334,115	221,223	555,338	0	0	0	0	0	0	34,670	22,778	43,338	28,473	11,389
1. Preparatory Works	30,373	20,112	50,485	0	0	0	0	0	0	8,667	5,694	0	0	0
2. Main Civil Works	303,741	201,112	504,853	0	0	0	0	0	0	26,003	17,084	43,338	28,473	11,389
Sub-Total	334,115	221,223	555,338	0	0	0	0	0	0	34,670	22,778	43,338	28,473	11,389
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	8,241	8,241	0	0	1,266	0	1,266	0	1,266	0	0	0	0
1. Compensation	0	8,241	8,241	0	0	1,266	0	1,266	0	1,266	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	31,373	31,373	0	1,340	0	2,233	0	2,680	0	893	0	893	0
1. Administration	0	31,373	31,373	0	1,340	0	2,233	0	2,680	0	893	0	893	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	36,757	25,140	61,897	4,405	2,990	1,888	1,281	0	0	1,259	854	2,098	1,424	839
1. Detailed Design	22,054	15,084	37,138	4,405	2,990	1,888	1,281	0	0	0	0	0	0	0
2. Construction Supervision	14,703	10,056	24,759	0	0	0	0	0	0	1,259	854	2,098	1,424	839
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	37,087	25,460	62,548	441	299	189	255	0	127	3,593	2,363	4,544	2,990	1,817
VI. Total (Items I, II, III, IV & V)	407,959	311,438	719,397	4,846	4,628	2,077	5,035	0	4,072	39,522	26,889	49,979	33,779	19,992
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	407,959	311,438	719,397	4,846	4,628	2,077	5,035	0	4,072	39,522	26,889	49,979	33,779	19,992

Notes: *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.

*3 Figures may not add up to totals due to rounding

Table XV.1.26 (2/3) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT (ECONOMIC)
(2005 - 2009)

Description	Unit: Million Rp.											
	2005		2006		2007		2008		2009			
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	0	0	0	0	44,410	25,252	59,213	33,669	59,213	33,669	59,213	33,669
1. Preparatory Works	0	0	0	0	14,803	8,417	0	0	0	0	0	0
2. Main Civil Works	0	0	0	0	29,606	16,835	59,213	33,669	59,213	33,669	59,213	33,669
Sub-Total	0	0	0	0	44,410	25,252	59,213	33,669	59,213	33,669	59,213	33,669
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	0	0	3,080	0	0	0	0	0	0	0	0
1. Compensation	0	0	0	3,080	0	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	2,157	0	3,595	0	4,313	0	2,876	0	1,438	0	1,438
1. Administration	0	2,157	0	3,595	0	4,313	0	2,876	0	1,438	0	1,438
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	7,524	4,419	3,225	1,894	1,433	842	2,866	1,684	2,866	1,684	2,866	1,684
1. Detailed Design	7,524	4,419	3,225	1,894	0	0	0	0	0	0	0	0
2. Construction Supervision	0	0	0	0	1,433	842	2,866	1,684	2,866	1,684	2,866	1,684
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	752	442	322	497	4,584	2,609	6,208	3,535	6,208	3,535	6,208	3,535
VI. Total (Items I, II, III, IV & V)	8,276	7,018	3,547	9,066	50,427	33,016	68,287	41,764	68,287	40,326	68,287	40,326
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	8,276	7,018	3,547	9,066	50,427	33,016	68,287	41,764	68,287	40,326	68,287	40,326

Notes: *1. Price Level in July 1994

*2. Conversion Rate - 1.00 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.

*3. Figures may not add up to totals due to rounding

Table XV.1.26 (3/3) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT (ECONOMIC)
(2012 - 2019)

Description	2012		2013		2014		2015		2016		2017		2018		2019	
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	0	0	0	0	18,495	17,327	15,413	14,439	0	0	0	0	22,925	18,670	19,104	15,558
1. Preparatory Works	0	0	0	0	3,082	2,888	0	0	0	0	0	0	3,821	3,112	0	0
2. Main Civil Works	0	0	0	0	15,413	14,439	15,413	14,439	0	0	0	0	19,104	15,558	19,104	15,558
Sub-Total	0	0	0	0	18,495	17,327	15,413	14,439	0	0	0	0	22,925	18,670	19,104	15,558
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	0	0	1,952	0	0	0	0	0	0	0	677	0	0	0	0
1. Compensation	0	0	0	1,952	0	0	0	0	0	0	0	677	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	943	0	943	0	943	0	943	0	1,073	0	1,073	0	1,073	0	1,073
1. Administration	0	943	0	943	0	943	0	943	0	1,073	0	1,073	0	1,073	0	1,073
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	2,238	2,166	0	0	746	722	746	722	2,774	2,334	0	0	925	778	925	778
1. Detailed Design	2,238	2,166	0	0	0	0	0	0	2,774	2,334	0	0	0	0	0	0
2. Construction Supervision	0	0	0	0	746	722	746	722	0	0	0	0	925	778	925	778
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	224	217	0	195	1,924	1,805	1,616	1,516	277	233	0	68	2,385	1,945	2,003	1,634
VI. Total (Items I, II, III, IV & V)	2,462	3,325	0	3,090	21,165	20,796	17,774	17,619	3,052	3,640	0	1,818	26,234	22,465	22,032	19,043
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	2,462	3,325	0	3,090	21,165	20,796	17,774	17,619	3,052	3,640	0	1,818	26,234	22,465	22,032	19,043

Notes: *1 Price Level in July 1994

*2 Conversion Rate - 1:00 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.

*3 Figures may not add up to totals due to rounding

Table XV.1.27 (1/2) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT (ECONOMIC)
(2004 - 2009)

Description	Unit: Million Rp.																				
	Amount			2004			2005			2006			2007			2008			2009		
	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total			
I. Construction Base Cost	764,838	399,810	1,164,648	0	0	0	0	0	0	9,313	8,314	17,627	51,220	36,712	87,932	94,034	54,306	130,751	34,867		
1. Preparatory Works	53,089	34,056	87,125	0	0	0	0	0	0	6,874	5,247	12,121	6,874	5,247	12,121	0	0	0	0		
2. Access Road	4,349	5,390	9,739	0	0	0	0	0	0	2,439	3,067	5,506	610	767	1,377	0	0	0	0		
3. Main Civil Works	526,547	334,966	861,513	0	0	0	0	0	0	0	0	0	40,330	30,332	70,662	67,216	50,553	26,887	20,221		
4. Hydro-Mechanical Works	38,158	4,105	42,263	0	0	0	0	0	0	0	0	0	3,406	366	3,772	6,812	753	23,843	2,565		
5. Turbines, Generators & GIS	123,288	15,262	138,550	0	0	0	0	0	0	0	0	0	0	0	0	17,180	1,848	68,720	7,992		
6. Transmission Line	19,407	8,052	27,459	0	0	0	0	0	0	0	0	0	0	0	0	2,825	1,172	11,301	4,689		
Sub-Total	764,838	399,810	1,164,648	0	0	0	0	0	0	9,313	8,314	17,627	51,220	36,712	87,932	94,034	54,306	130,751	34,867		
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
II. Compensation Cost	0	11,402	11,402	0	0	0	0	5,400	0	0	0	0	0	0	0	0	0	0	0		
1. Compensation	0	11,402	11,402	0	0	0	0	5,400	0	0	0	0	0	0	0	0	0	0	0		
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
III. Administration Cost	0	65,415	65,415	0	3,543	3,543	0	5,905	0	7,086	0	2,362	0	2,362	0	2,362	0	2,362	0		
1. Administration	0	65,415	65,415	0	3,543	3,543	0	5,905	0	7,086	0	2,362	0	2,362	0	2,362	0	2,362	0		
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
IV. Engineering Cost	84,141	45,634	129,775	13,183	6,405	19,588	6,405	5,650	2,745	1,256	610	5,022	2,440	3,767	1,830	2,511	1,220	0	0		
1. Detailed Design	50,485	27,260	77,745	13,183	6,405	19,588	6,405	5,650	2,745	1,256	610	5,022	2,440	3,767	1,830	2,511	1,220	0	0		
2. Construction Supervision	33,656	18,174	51,830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
V. Physical Contingency (10% of Items I, II & IV)	84,898	45,665	130,563	1,318	641	1,959	641	565	815	1,057	892	5,624	3,915	9,780	5,614	13,326	3,609	0	0		
VI. Total (Items I, II, III, IV & V)	933,877	567,726	1,501,603	14,501	10,588	25,089	14,501	14,864	6,215	14,864	11,625	16,902	61,866	45,429	107,581	64,111	146,588	42,057	0		
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
VIII. Grand Total	933,877	567,726	1,501,603	14,501	10,588	25,089	14,501	14,864	6,215	14,864	11,625	16,902	61,866	45,429	107,581	64,111	146,588	42,057	0		

Notes: *1 Price Level in July 1994
*2 Conversion Rate - 1.00 US\$ = 2,175 Rp ; 1 Yen = 21.90 Rp
*3 Figures may not add up to totals due to rounding

Table XV.1.27 (2/2) ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR AND KAMPAR KIRI RIVER DEVELOPMENT PROJECT (ECONOMIC)
(2010 - 2019)

Description	2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	
I. Construction Base Cost	0	0	0	0	16,308	9,587	38,704	28,057	51,861	35,612	49,898	17,178	73,352	39,813	132,034	71,664	88,023	47,776	29,341	15,925	
1. Preparatory Works	0	0	0	0	5,000	3,808	5,000	3,808	0	0	0	0	14,670	7,963	14,670	7,963	0	0	0	0	0
2. Access Road	0	0	0	0	1,040	1,245	260	311	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Main Civil Works	0	0	0	0	10,267	4,533	33,034	23,893	42,508	34,281	12,896	11,899	58,682	31,851	117,364	63,701	88,023	47,776	29,341	15,925	
4. Hydro-Mechanical Works	0	0	0	0	0	0	410	44	819	88	2,867	309	0	0	0	0	0	0	0	0	0
5. Turbines, Generators & GIS	0	0	0	0	0	0	0	0	7,477	804	29,910	3,217	0	0	0	0	0	0	0	0	0
6. Transmission Line	0	0	0	0	0	0	0	0	1,056	438	4,225	1,753	0	0	0	0	0	0	0	0	0
Sub-Total	0	0	0	0	16,308	9,587	38,704	28,057	51,861	35,612	49,898	17,178	73,352	39,813	132,034	71,664	88,023	47,776	29,341	15,925	
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	0	0	0	2,935	0	0	0	0	0	0	3,067	0	0	0	0	0	0	0	0	0
1. Compensation	0	0	0	0	2,935	0	0	0	0	0	0	3,067	0	0	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	2,089	0	3,481	0	4,177	0	1,695	0	5,573	0	8,058	0	8,562	0	2,787	0	2,787	0	2,787	0
1. Administration	0	2,089	0	3,481	0	4,177	0	1,695	0	5,573	0	8,058	0	8,562	0	2,787	0	2,787	0	2,787	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	7,492	4,430	2,856	1,737	1,021	562	2,760	1,644	19,113	10,789	5,309	3,060	1,420	796	5,681	3,185	4,261	2,389	2,840	1,593	
1. Detailed Design	7,492	4,430	2,856	1,737	0	0	0	0	17,043	9,535	4,261	2,389	0	0	0	0	0	0	0	0	0
2. Construction Supervision	0	0	0	0	1,021	562	2,760	1,644	2,070	1,233	1,048	671	1,420	796	5,681	3,185	4,261	2,389	2,840	1,593	
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	749	443	286	467	1,733	1,015	4,146	2,970	7,097	4,640	5,521	2,330	7,477	4,061	13,771	7,485	9,228	5,016	3,218	1,752	
VI. Total (Items I, II, III, IV & V)	8,241	6,961	3,142	8,620	19,062	15,341	45,610	34,367	78,071	56,614	60,728	33,693	82,250	53,032	151,486	85,121	101,512	57,968	35,400	22,057	
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	8,241	6,961	3,142	8,620	19,062	15,341	45,610	34,367	78,071	56,614	60,728	33,693	82,250	53,032	151,486	85,121	101,512	57,968	35,400	22,057	

Notes : *1. Price Level in July 1994
 *2. Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.
 *3. Figures may not add up to totals due to rounding

Table XV.1.28 (1/3) ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (ECONOMIC)
(1996 - 2004)

Description	Amount												2004								
	1996		1997		1998		1999		2000		2001			2002		2003					
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.		F.C.	L.C.	F.C.	L.C.				
I. Construction Base Cost	998,197	591,073	1,389,270	0	0	0	5,929	3,330	7,412	4,162	30,004	18,712	67,703	34,267	95,766	48,715	52,795	28,063	25,315	12,935	
1. Preparatory Works	81,790	52,589	134,379	0	0	0	1,483	832	0	0	8,594	7,894	2,061	1,135	4,809	2,648	0	0	0	0	
2. Main Civil Works	916,407	538,484	1,455,891	0	0	0	4,447	2,497	7,412	4,162	21,410	10,818	65,642	33,132	90,957	46,067	52,795	28,063	25,315	12,935	
Sub-Total	998,197	591,073	1,389,270	0	0	0	5,929	3,330	7,412	4,162	30,004	18,712	67,703	34,267	95,766	48,715	52,795	28,063	25,315	12,935	
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
II. Compensation Cost	0	36,519	36,519	0	0	268	0	11,610	0	1,076	0	2,151	0	1,076	0	0	0	0	0	0	
1. Compensation	0	36,519	36,519	0	0	268	0	11,610	0	1,076	0	2,151	0	1,076	0	0	0	0	0	0	
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
III. Administration Cost	0	90,415	90,415	0	1,834	0	2,264	0	4,486	0	2,508	0	3,856	0	3,039	0	2,365	0	2,365	0	2,365
1. Administration	0	90,415	90,415	0	1,834	0	2,264	0	4,486	0	2,508	0	3,856	0	3,039	0	2,365	0	2,365	0	2,365
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IV. Engineering Cost	109,812	67,166	176,978	7,448	4,013	6,371	3,389	2,709	1,543	1,855	1,039	1,102	3,047	1,639	4,229	2,280	2,512	1,397	1,182	641	
1. Detailed Design	65,887	40,300	106,187	7,448	4,013	6,371	3,389	2,494	1,418	1,496	851	567	0	0	0	0	0	0	0	0	
2. Construction Supervision	43,925	26,866	70,791	0	0	0	0	215	125	359	208	535	3,047	1,639	4,229	2,280	2,512	1,397	1,182	641	
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
V. Physical Contingency (10% of Items I, II & IV)	110,801	69,476	180,277	745	401	637	366	864	1,648	927	630	3,199	2,196	7,075	3,698	10,000	5,100	5,531	2,946	2,650	
VI. Total (Items I, II, III, IV & V)	1,218,809	854,649	2,073,459	8,193	6,249	7,009	6,287	9,503	22,617	10,193	9,434	35,194	28,017	77,825	43,719	109,995	58,460	60,837	34,771	29,147	
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VIII. Grand Total	1,218,809	854,649	2,073,459	8,193	6,249	7,009	6,287	9,503	22,617	10,193	9,434	35,194	28,017	77,825	43,719	109,995	58,460	60,837	34,771	29,147	

Unit : Million Rp.
Notes : *1 Price Level in July 1994
*2 Conversion Rate - 1,000 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.
*3 Figures may not add up to totals due to rounding

Table XV.1.28 (2/3) ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (ECONOMIC)
(2005 - 2010)

Unit: Million Rp.

Description	2005		2006		2007		2008		2009		2010	
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	0	0	0	0	92,587	57,517	115,733	71,897	46,293	28,759	19,961	10,641
1. Preparatory Works	0	0	0	0	23,147	14,379	0	0	0	0	9,981	5,320
2. Main Civil Works	0	0	0	0	69,440	43,138	115,733	71,897	46,293	28,759	9,980	5,320
Sub-Total	0	0	0	0	92,587	57,517	115,733	71,897	46,293	28,759	19,961	10,641
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	0	0	4,474	0	0	0	9,986	0	0	0	0
1. Compensation	0	0	0	4,474	0	0	0	9,986	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	2,323	0	10,277	0	7,955	0	4,297	0	3,310	0	3,031
1. Administration	0	2,323	0	10,277	0	7,955	0	4,297	0	3,310	0	3,031
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	16,806	10,784	3,623	1,995	6,984	4,152	5,602	3,595	2,241	1,438	14,122	10,891
1. Detailed Design	16,806	10,784	3,623	1,995	3,623	1,995	0	0	0	0	13,639	10,625
2. Construction Supervision	0	0	0	0	3,361	2,157	5,602	3,595	2,241	1,438	483	266
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	1,681	1,078	362	647	9,957	6,167	12,134	8,548	4,853	3,020	3,408	2,153
VI. Total (Items I, II, III, IV & V)	18,487	14,185	3,985	17,393	109,528	75,791	133,469	98,322	53,388	36,526	37,492	26,716
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	18,487	14,185	3,985	17,393	109,528	75,791	133,469	98,322	53,388	36,526	37,492	26,716

Notes: *1. Price Level in July 1994
 *2. Conversion Rate - 1.00 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.
 *3. Figures may not add up to totals due to rounding

Table XV.1.28 (3/3) ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (ECONOMIC)
(2011 - 2019)

Unit : Million Rp.

Description	2011		2012		2013		2014		2015		2016		2017		2018		2019		
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	
I. Construction Base Cost	29,941	15,961	115,060	77,947	103,903	76,152	47,550	33,653	0	0	0	0	0	51,725	24,860	64,656	31,075	25,863	12,430
1. Preparatory Works	0	0	18,784	14,166	0	0	0	0	0	0	0	0	0	12,931	6,215	0	0	0	0
2. Main Civil Works	29,941	15,961	96,275	63,780	103,903	76,152	47,550	33,653	0	0	0	0	0	38,794	18,645	64,656	31,075	25,863	12,430
Sub-Total	29,941	15,961	115,060	77,947	103,903	76,152	47,550	33,653	0	0	0	0	0	51,725	24,860	64,656	31,075	25,863	12,430
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	4,150	0	0	0	0	0	0	0	0	0	0	1,730	0	0	0	0	0	0
1. Compensation	0	4,150	0	0	0	0	0	0	0	0	0	0	1,730	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	9,161	0	7,118	0	3,031	0	3,031	0	3,031	0	1,180	0	4,720	0	3,540	0	1,180	0
1. Administration	0	9,161	0	7,118	0	3,031	0	3,031	0	3,031	0	1,180	0	4,720	0	3,540	0	1,180	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	1,449	798	4,660	3,189	5,029	3,808	2,302	1,683	9,389	4,661	0	0	1,878	932	3,130	1,554	1,252	622	0
1. Detailed Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Construction Supervision	1,449	798	4,660	3,189	5,029	3,808	2,302	1,683	9,389	4,661	0	0	1,878	932	3,130	1,554	1,252	622	0
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	3,139	2,091	11,972	8,114	10,893	7,996	4,985	3,534	939	466	0	173	5,360	2,579	6,779	3,263	2,711	1,305	0
VI. Total (Items I, II, III, IV & V)	34,529	32,161	131,692	96,367	119,826	90,986	54,836	41,900	10,328	6,307	0	6,622	58,963	31,911	74,564	37,072	29,826	15,537	0
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	34,529	32,161	131,692	96,367	119,826	90,986	54,836	41,900	10,328	6,307	0	6,622	58,963	31,911	74,564	37,072	29,826	15,537	0

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.
 *3 Figures may not add up to totals due to rounding

Table XV.1.29 (1/3) ANNUAL DISBURSEMENT SCHEDULE OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT (ECONOMIC)
(1996-1998)

Description	Unit : Million Rp.											
	Amount		1996		1997		1998		1999			
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	270,462	154,267	424,729	0	0	0	0	21,512	11,425	17,927	9,521	0
1. Preparatory Works	24,587	14,025	38,611	0	0	0	0	3,585	1,904	0	0	0
2. Main Civil Works	245,875	140,242	386,117	0	0	0	0	17,927	9,521	17,927	9,521	0
Sub-Total	270,462	154,267	424,729	0	0	0	0	21,512	11,425	17,927	9,521	0
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	9,147	9,147	0	0	0	602	0	0	0	0	0
1. Compensation	0	9,147	9,147	0	0	0	602	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	24,111	24,111	0	509	0	1,695	0	848	0	339	0
1. Administration	0	24,111	24,111	0	509	0	1,695	0	848	0	339	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	29,755	17,529	47,284	2,603	1,428	0	0	868	476	868	476	0
1. Detailed Design	17,853	10,517	28,370	2,603	1,428	0	0	0	0	0	0	0
2. Construction Supervision	11,902	7,012	18,914	0	0	0	0	868	476	868	476	0
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	30,022	18,094	48,116	260	143	0	60	2,238	1,190	1,879	1,000	0
VI. Total (Items I, II, III, IV & V)	330,239	223,148	553,387	2,864	2,079	0	2,357	24,618	13,939	20,674	11,335	0
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	330,239	223,148	553,387	2,864	2,079	0	2,357	24,618	13,939	20,674	11,335	0

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 1,000 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.
 *3 Figures may not add up to totals due to rounding

Table XV.1.29 (2/3) ANNUAL DISBURSEMENT SCHEDULE OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT (ECONOMIC)
(2000 - 2007)

Description	2000		2001		2002		2003		2004		2005		2006		2007	
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	0	0	0	0	53,816	26,447	44,847	22,039	0	0	0	0	29,535	14,498	24,613	12,082
1. Preparatory Works	0	0	0	0	8,969	4,408	0	0	0	0	0	0	4,922	2,416	0	0
2. Main Civil Works	0	0	0	0	44,847	22,039	44,847	22,039	0	0	0	0	24,613	12,082	24,613	12,082
Sub-Total	0	0	0	0	53,816	26,447	44,847	22,039	0	0	0	0	29,535	14,498	24,613	12,082
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	0	0	3,133	0	0	0	0	0	0	0	1,701	0	0	0	0
1. Compensation	0	0	0	3,133	0	0	0	0	0	0	0	1,701	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	1,252	0	4,172	0	2,086	0	834	0	687	0	2,289	0	1,144	0	458
1. Administration	0	1,252	0	4,172	0	2,086	0	834	0	687	0	2,289	0	1,144	0	458
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	6,512	3,306	0	0	2,171	1,102	2,171	1,102	3,574	1,812	0	0	1,191	604	1,191	604
1. Detailed Design	6,512	3,306	0	0	0	0	0	0	3,574	1,812	0	0	0	0	0	0
2. Construction Supervision	0	0	0	0	2,171	1,102	2,171	1,102	0	0	0	0	1,191	604	1,191	604
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	651	331	0	313	5,599	2,755	4,702	2,314	357	181	0	170	3,073	1,510	2,580	1,269
VI. Total (Items I, II, III, IV & V)	7,164	4,888	0	7,618	61,586	32,390	51,720	26,290	3,932	2,680	0	4,160	33,799	17,757	28,384	14,412
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	7,164	4,888	0	7,618	61,586	32,390	51,720	26,290	3,932	2,680	0	4,160	33,799	17,757	28,384	14,412

Notes: *1 Price Level in July 1994
 *2 Conversion Rate - 1.00 US\$ = 2.175 Rp.; 1 Yen = 21.90 Rp.
 *3 Figures may not add up to totals due to rounding.

Table XV.1.29 (3/3) ANNUAL DISBURSEMENT SCHEDULE OF UPPER INDRAGIRI RIVER IMPROVEMENT PROJECT (ECONOMIC)
(2008 - 2019)

Description	2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019			
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.		
I. Construction Base Cost	0	0	0	6,882	8,056	5,734	6,714	0	0	0	0	0	26,142	17,809	21,786	14,840	0	0	0	0	0	0	9,637	5,910	8,031	4,925
1. Preparatory Works	0	0	0	1,147	1,343	0	0	0	0	0	0	0	4,357	2,968	0	0	0	0	0	0	0	0	1,606	985	0	0
2. Main Civil Works	0	0	0	5,734	6,714	5,734	6,714	0	0	0	0	0	21,786	14,840	21,786	14,840	0	0	0	0	0	0	8,031	4,925	8,031	4,925
Sub-Total	0	0	0	6,882	8,056	5,734	6,714	0	0	0	0	0	26,142	17,809	21,786	14,840	0	0	0	0	0	0	9,637	5,910	8,031	4,925
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	0	0	602	0	0	0	0	0	0	0	2,215	0	0	0	0	0	0	0	0	0	894	0	0	0	0
1. Compensation	0	0	0	602	0	0	0	0	0	0	0	2,215	0	0	0	0	0	0	0	0	0	894	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	235	0	782	0	391	0	156	0	690	0	2,302	0	1,151	0	460	0	245	0	0	0	817	0	408	0	163
1. Administration	0	235	0	782	0	391	0	156	0	690	0	2,302	0	1,151	0	460	0	245	0	0	0	817	0	408	0	163
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IV. Engineering Cost	833	1,007	0	278	336	278	336	316	2,226	0	0	1,055	742	1,055	742	1,166	739	0	0	0	0	389	246	389	246	
1. Detailed Design	833	1,007	0	0	0	0	0	3,164	2,226	0	0	0	0	0	0	1,166	739	0	0	0	0	0	0	0	0	
2. Construction Supervision	0	0	0	278	336	278	336	0	0	0	0	1,055	742	1,055	742	0	0	0	0	0	0	389	246	389	246	
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
V. Physical Contingency (10% of Items I, III & IV)	83	101	0	60	716	839	601	705	316	223	0	222	2,720	1,855	2,284	1,538	117	74	0	89	1,003	616	842	517		
VI. Total (Items I, II, III, IV & V)	916	1,342	0	1,444	7,875	9,622	6,613	7,910	3,480	3,139	0	4,738	29,917	21,556	25,124	17,601	1,283	1,057	0	1,800	11,029	7,180	9,262	5,852		
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VIII. Grand Total	916	1,342	0	1,444	7,875	9,622	6,613	7,910	3,480	3,139	0	4,738	29,917	21,556	25,124	17,601	1,283	1,057	0	1,800	11,029	7,180	9,262	5,852		

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 100 US\$ = 2,175 Rp ; 1 Yen = 21.90 Rp.
 *3 Figures may not add up to totals due to rounding

**Table XV.2.1 (1/2) FINANCIAL COST OF KAMPAR KANAN WATER SUPPLY PROJECT
- KUOK INTAKE WEIR/RANTAUBERANGIN IRRIGATION SYSTEM CONSTRUCTION WORKS (INITIAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					89,152	47,913	137,065
1. Preparatory Works (10% of Item 2)					8,105	4,356	12,460
2. Irrigation Facilities					81,047	43,557	124,605
a. Head Works					32,105	16,368	48,474
- Excavation	13,400	cu m	8,000	2,000	107	27	134
- Backfill	3,300	cu m	7,200	1,800	24	6	30
- Embankment	12,300	cu m	9,600	2,400	118	30	148
- Weir					17,960	10,283	28,243
Concrete	7,750	cu m	285,000	285,000	2,209	2,209	4,418
Apron	7,000	sq m	80,000	120,000	560	840	1,400
Riverbed Protection	5,600	sq m	0	120,000	0	672	672
Gate	481	sq m	31,500,000	13,500,000	15,152	6,494	21,645
Revetment	1,460	sq m	27,000	47,000	39	69	108
- Foundation Works	1	l.s.	0	0	1,796	1,028	2,824
- Temporary Cofferdam	1	l.s.	0	0	460	482	942
- Intake					6,245	2,930	9,176
Concrete	1,920	cu m	210,000	210,000	403	403	806
Gate	137	sq m	38,500,000	16,500,000	5,275	2,261	7,535
Foundation Works	1	l.s.	0	0	568	266	834
- Flushing Gate					2,136	999	3,135
Concrete	630	cu m	210,000	210,000	132	132	265
Gate	47	sq m	38,500,000	16,500,000	1,810	776	2,585
Foundation Works	1	l.s.	0	0	194	91	285
- Steel Stop Log	41	ton	910,000	390,000	37	16	53
- Control Bridge	1,895	sq m	1,700,000	300,000	3,222	569	3,790
- Control House	0	sq m	120,000	480,000	0	0	0
b. Head Reach & Main Canal					27,408	20,800	48,207
- Left Bank (L=44 km)					16,122	11,870	27,992
Excavation	924,000	cu m	4,800	1,200	4,435	1,109	5,544
Embankment	396,000	cu m	3,600	900	1,426	356	1,782
Concrete Lining	36,100	cu m	137,700	137,700	4,971	4,971	9,942
Footing	44,000	cu m	48,000	82,000	2,112	3,608	5,720
Expansion Joint	82,000	m	36,800	1,200	3,018	98	3,116
Weep Hole	1,200	unit	800	17,600	1	21	22
Gravel Metaling	26,400	cu m	0	60,200	0	1,589	1,589
Regulation Ponds	1	l.s.	0	0	160	118	277
- Right Bank (L=40 km)					11,286	8,929	20,215
Excavation	407,000	cu m	4,800	1,200	1,954	488	2,442
Embankment	210,000	cu m	3,600	900	756	189	945
Concrete Lining	24,000	cu m	137,700	137,700	3,305	3,305	6,610
Footing	44,000	cu m	48,000	82,000	1,920	3,280	5,200
Expansion Joint	88,000	m	36,800	1,200	3,238	106	3,344
Weep Hole	1,600	unit	800	17,600	1	28	29
Gravel Metaling	24,000	cu m	0	60,200	0	1,445	1,445
Regulation Ponds	1	l.s.	0	0	112	88	200
c. Left Bank Irrigation System					16,049	4,762	20,810
- Existing/Rainfed	553	ha	546,000	162,000	302	90	392
- Existing/Undeveloped	2,781	ha	2,184,000	648,000	6,074	1,802	7,876
- New/Undeveloped	4,429	ha	2,184,000	648,000	9,673	2,870	12,543
d. Right Bank Irrigation System					5,486	1,628	7,113
- Existing/Rainfed	375	ha	546,000	162,000	205	61	266
- Existing/Undeveloped	2,141	ha	2,184,000	648,000	4,676	1,387	6,063
- New/Undeveloped	277	ha	2,184,000	648,000	605	179	784

**Table XV.2.1 (2/2) FINANCIAL COST OF KAMPAR KANAN WATER SUPPLY PROJECT
- KUOK INTAKE WEIR / RANTAUBERANGIN IRRIGATION SYSTEM CONSTRUCTION WORKS (INITIAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
II. Compensation Cost -----					0	4,620	4,620
1. Land Acquisition -----					0	660	660
a. Left Bank (L=44 km) -----					0	390	390
- Right of Way	130.0	ha	0	3,000,000	0	390	390
b. Right Bank (L=40 km) -----					0	270	270
- Right of Way	90.0	ha	0	3,000,000	0	270	270
2. Compensation -----					0	3,960	3,960
a. Left Bank (L=44 km) -----					0	2,120	2,120
- Permanent House	150	unit	0	12,000,000	0	1,800	1,800
- Semi-Permanent	80	unit	0	4,000,000	0	320	320
b. Right Bank (L=40 km) -----					0	1,840	1,840
- Permanent House	130	unit	0	12,000,000	0	1,560	1,560
- Semi-Permanent	70	unit	0	4,000,000	0	280	280
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	7,084	7,084
IV. Engineering Cost ----- (10% of Item I)					8,915	4,791	13,707
V. Physical Contingency (10% of Items I, II & IV) -----					9,807	5,732	15,539
VI. Total (Items I to V) -----					107,874	70,141	178,015
VII. Value Added Tax (10% of Item VI) -----					0	17,802	17,802
VIII. Grand Total -----					107,874	87,942	195,817

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

**Table XV.2.2 FINANCIAL COST OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT
- BANGKINANG AREA RIVER IMPROVEMENT WORKS (INITIAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount						
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)				
I. Construction Base Cost -----					104,888	71,183	176,071				
1. Preparatory Works ----- (10% of Item 2)					9,535	6,471	16,006				
2. Main Civil Works -----					95,353	64,711	160,064				
a. Dredging/Excavation	5,600,000	cu m	5,200	1,300	29,120	7,280	36,400				
b. Earth Dike -----					11,152	10,910	22,062				
- Stripping/Clearing	1,970,000	sq m	0	1,200	0	2,364	2,364				
- Embankment	4,170,000	cu m	2,600	1,000	10,842	4,170	15,012				
- Sodding	1,551,000	sq m	200	1,800	310	2,792	3,102				
- Filter	0	cu m	0	44,000	0	0	0				
- Gravel Metaling	44,000	cu m	0	36,000	0	1,584	1,584				
c. Concrete Dike	0	m	160,000	170,000	0	0	0				
d. Sluice -----					29,207	22,950	52,157				
- Type A	8	unit	355,000,000	279,000,000	2,840	2,232	5,072				
- Type B	5	unit	587,000,000	462,000,000	2,935	2,310	5,245				
- Type C	8	unit	896,000,000	704,000,000	7,168	5,632	12,800				
- Type D	8	unit	1,109,000,000	871,000,000	8,872	6,968	15,840				
- Type E	4	unit	1,848,000,000	1,452,000,000	7,392	5,808	13,200				
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0				
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0				
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0				
e. Revetment -----					3,901	6,762	10,663				
- Low Water Channel	113,000	sq m	27,000	47,000	3,051	5,311	8,362				
- High Water Channel	35,400	sq m	24,000	41,000	850	1,451	2,301				
f. Groin	57	set	33,000,000	32,000,000	1,881	1,824	3,705				
g. Bridge -----					4,200	4,200	8,400				
- Footbridge	0	sq m	200,000	200,000	0	0	0				
- Road Bridge	4,200	sq m	1,000,000	1,000,000	4,200	4,200	8,400				
h. Miscellaneous (20% of a to g)	1	l.s.	0	0	15,892	10,785	26,677				
II. Compensation Cost -----					0	2,591	2,591				
1. Land Acquisition					197	ha	0	3,000,000	0	591	591
2. Compensation -----					0	2,000	2,000				
a. Permanent House	100	unit	0	12,000,000	0	1,200	1,200				
b. Semi-Permanent	200	unit	0	4,000,000	0	800	800				
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	8,933	8,933				
IV. Engineering Cost ----- (10% of Item I)					10,489	7,118	17,607				
V. Physical Contingency (10% of Items I, II & IV) -----					11,538	8,089	19,627				
VI. Total (Items I to V) -----					126,915	97,914	224,829				
VII. Value Added Tax (10% of Item VI) -----					0	22,483	22,483				
VIII. Grand Total -----					126,915	120,397	247,312				

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.2.3 (1/3) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- KUANTAN DAM -

Work Item	Quantity Unit	Unit Cost		Amount		
		F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost -----				240,708	136,256	376,964
1. Preparatory Works ----- (10% of Items 2 & 3)				8,866	10,692	19,558
2. Road & Bridge -----				7,720	36,720	44,440
a. New road	14,500 m	160,000	240,000	2,320	3,480	5,800
b. Relocation road	24,000 m	100,000	135,000	2,400	3,240	5,640
c. Bridges	400 m	7,500,000	75,000,000	3,000	30,000	33,000
3. Main Civil Works -----				80,939	70,201	151,140
a. Diversion Tunnel -----				19,061	13,060	32,121
- Open Excavation, common	2,300 cu m	4,600	1,200	11	3	13
- Open Excavation, weathered rock	3,100 cu m	6,300	1,700	20	5	25
- Open Excavation, hard rock	2,300 cu m	13,800	3,600	32	8	40
- Fill and backfill	3,200 cu m	7,200	1,800	23	6	29
- Shotcrete for tunnel	19,000 sq m	18,000	12,000	342	228	570
- Rock bolts	2,300 m	24,000	16,000	55	37	92
- Tunnel Excavation	97,500 cu m	90,000	60,000	8,775	5,850	14,625
- Open concrete of inlet & outlet	3,000 cu m	120,000	130,000	360	390	750
- Tunnel concrete	26,800 cu m	240,000	160,000	6,432	4,288	10,720
- Reinforcement bars	250 ton	2,100,000	1,000,000	525	250	775
- Plug concrete	4,000 cu m	85,000	133,000	340	532	872
- Backfill grouting	180 cu m	600,000	400,000	108	72	180
- Curtain grouting	1,700 m	180,000	120,000	306	204	510
- Others (10%)	1 l.s.	0	0	1,733	1,187	2,920
b. Cofferdams -----				1,764	1,673	3,437
- Initial cofferdam embankment	8,600 cu m	9,600	2,400	83	21	103
- Open Excavation, common	2,000 cu m	4,600	1,200	9	2	12
- Open Excavation, weathered rock	3,100 cu m	6,300	1,700	19.53	5.27	24.8
- Mass concrete for main cofferdam	19,900 cu m	75,000	75,000	1,493	1,493	2,985
- Others (10%)	1 l.s.	0	0	160	152	312
c. Main Dam -----				38,726	36,418	75,144
- Open Excavation, common	13,000 cu m	4,600	1,200	60	16	75
- Open Excavation, weathered rock	30,400 cu m	6,300	1,700	192	52	243
- Open Excavation, hard rock	72,700 cu m	13,800	3,600	1,003	262	1,265
- Fill and backfill	10,300 cu m	7,200	1,800	74	19	93
- Shotcrete for slope protection	2,200 sq m	18,000	12,000	40	26	66
- Mass concrete for dam	407,000 cu m	75,000	75,000	30,525	30,525	61,050
- Curtain grouting	13,700 m	180,000	120,000	2,466	1,644	4,110
- Consolidation grouting	4,700 m	180,000	120,000	846	564	1,410
- Others (10%)	1 l.s.	0	0	3,521	3,311	6,831
d. Spillway -----				8,976	8,463	17,439
- Open Excavation, common	13,900 cu m	4,600	1,200	64	17	81
- Open Excavation, weathered rock	32,300 cu m	6,300	1,700	203	55	258
- Open Excavation, hard rock	66,100 cu m	13,800	3,600	912	238	1,150
- Fill and backfill	24,800 cu m	7,200	1,800	179	45	223
- Concrete for piers, walls and slabs	52,100 cu m	81,000	115,000	4,220	5,992	10,212
- Reinforcement bars	1,600 ton	1,400,000	700,000	2,240	1,120	3,360
- Consolidation grouting	1,900 m	180,000	120,000	342	228	570
- Others (10%)	1 l.s.	0	0	816	769	1,585
e. Penstock -----				1,308	980	2,289
- Trench excavation	25,900 cu m	13,800	3,600	357	93	451
- Fill and backfill	19,500 cu m	7,200	1,800	140	35	176
- Concrete for pipe embedment	5,600 cu m	81,000	115,000	454	644	1,098
- Reinforcement bars	170 ton	1,400,000	700,000	238	119	357
- Others (10%)	1 l.s.	0	0	119	89	208

Table XV.23 (2/3) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- KUANTAN DAM -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
f. Powerhouse					5,659	5,439	11,098
- Open Excavation, common	14,000	cu m	4,600	1,200	64	17	81
- Open Excavation, weathered rock	20,200	cu m	6,300	1,700	127	34	162
- Open Excavation, hard rock	24,100	cu m	13,800	3,600	333	87	419
- Fill and backfill	6,600	cu m	7,200	1,800	48	12	59
- Shotcrete for slope protection	1,900	sq m	18,000	12,000	34	23	57
- Reinf. concrete for walls and slabs	24,700	cu m	81,000	115,000	2,001	2,841	4,841
- Second stage concrete	7,400	cu m	97,000	138,000	718	1,021	1,739
- Reinforcement bars	1,300	ton	1,400,000	700,000	1,820	910	2,730
- Others (10%)	1	l.s.	0	0	514	494	1,009
g. Tailrace					2,179	1,793	3,972
- Open Excavation, common	29,200	cu m	4,600	1,200	134	35	169
- Open Excavation, weathered rock	38,900	cu m	6,300	1,700	245	66	311
- Open Excavation, hard rock	29,200	cu m	13,800	3,600	403	105	508
- Fill and backfill	2,200	cu m	7,200	1,800	16	4	20
- Anchor bars	240	m	24,000	16,000	6	4	10
- Concrete for walls and slabs	10,300	cu m	81,000	115,000	834	1,185	2,019
- Reinforcement bars	210	ton	1,400,000	700,000	294	147	441
- Wet rubble masonry	1,800	sq m	27,000	47,000	49	85	133
- Others (10%)	1	l.s.	0	0	198	163	361
h. Outdoor Switchyard					289	270	559
- Open Excavation, common	1,100	cu m	4,600	1,200	5	1	6
- Open Excavation, weathered rock	1,100	cu m	6,300	1,700	7	2	9
- Open Excavation, hard rock	600	cu m	13,800	3,600	8	2	10
- Fill and backfill	17,200	cu m	7,200	1,800	124	31	155
- Rein. concrete for switchyard	750	cu m	120,000	130,000	90	98	188
- Gravel bedding	3,400	sq m	0	30,100	0	102	102
- Fence	210	m	90,000	30,000	19	6	25
- Entrance gate	1	l.s.	0	0	10	3	13
- Others (10%)	1	l.s.	0	0	26	25	51
i. Architectural buildings					2,976	2,105	5,081
- Powerhouse	1,300	sq m	2,000,000	1,300,000	2,600	1,690	4,290
- Guard house to damsite	150	sq m	120,000	480,000	18	72	90
- Diesel generator house	150	sq m	1,250,000	850,000	188	128	315
- Gate control house	240	sq m	120,000	480,000	29	115	144
- Others (5%)	1	l.s.	0	0	142	100	242
4. Hydro-Mechanical Works					38,273	4,253	42,526
a. Diversion Tunnel							
Gates (Slide)	260	ton	9,900,000	1,100,000	2,574	286	2,860
b. Spillway Gates (Radial)							
	1,300	ton	13,500,000	1,500,000	17,550	1,950	19,500
c. River Outlet Intake Screen							
	6	ton	9,900,000	1,100,000	59	7	66
d. River Outlet Gate (Slide)							
	18	ton	13,500,000	1,500,000	243	27	270
e. River Outlet Main Valve							
	1	l.s.	0	0	2,430	270	2,700
f. River Outlet Steel Pipe							
	35	ton	9,900,000	1,100,000	347	39	385
g. Power Intake Screen							
	75	ton	9,900,000	1,100,000	743	83	825
h. Power Intake Gate (Roller)							
	350	ton	13,500,000	1,500,000	4,725	525	5,250
i. Power Tailrace Gate (Roller)							
	110	ton	9,900,000	1,100,000	1,089	121	1,210
j. Power Steel Penstock							
	860	ton	9,900,000	1,100,000	8,514	946	9,460
5. Generating Equipment							
	1	l.s.	0	0	96,300	10,700	107,000
6. Transmission Line and S/S							
Transmission lines					8,610	3,690	12,300
	1	l.s.	0	0	2,660	1,140	3,800
Sub-station equipment					5,950	2,550	8,500
	1	l.s.	0	0			

**Table XV.2.3 (3/3) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- KUANTAN DAM -**

Work Item	Quantity Unit	Unit Cost		Amount		
		F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
II. Compensation Cost -----				0	24,150	24,150
1. Land Acquisition -----				0	11,930	11,930
a. Paddy Field -----				0	4,250	4,250
- Wet Paddy	400 ha	0	10,000,000	0	4,000	4,000
- Dry Paddy	100 ha	0	2,500,000	0	250	250
b. Rubber Plantation	800 ha	0	3,200,000	0	2,560	2,560
c. Residential Land -----				0	4,620	4,620
- Near District Road	240 ha	0	10,000,000	0	2,400	2,400
- Near Sub-district Road	370 ha	0	6,000,000	0	2,220	2,220
d. Others -----				0	500	500
- Upland Crops	500 ha	0	1,000,000	0	500	500
2. Compensation -----				0	12,220	12,220
a. Residence -----				0	11,000	11,000
- Permanent House	820 units	0	12,000,000	0	9,840	9,840
- Semi-permanent	230 units	0	4,000,000	0	920	920
- Temporary	120 units	0	2,000,000	0	240	240
b. Other Buildings -----				0	1,220	1,220
- Shops	20 units	0	15,000,000	0	300	300
- Clinic	10 units	0	12,000,000	0	120	120
- Government Building	10 units	0	25,000,000	0	250	250
- School	10 units	0	55,000,000	0	550	550
III. Administration Cost -----				0	20,056	20,056
(5% of Items I & II, allotted to L.C. only)						
IV. Engineering Cost -----				24,071	13,626	37,696
(10% of Item I)						
V. Physical Contingency (10% of Items I, II & IV) -----				26,478	17,403	43,881
VI. Total (Items I to V) -----				291,257	211,490	502,747
VII. Value Added Tax (10% of Item VI) -----				0	50,275	50,275
VIII. Grand Total -----				291,257	261,765	553,022

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.2.4 (1/2) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
 - LUBUKJAMBI INTAKE WEIR/IRRIGATION SYSTEM (INITIAL PHASE) -

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					83,133	47,273	130,406
1. Preparatory Works (10% of Item 2)					7,558	4,298	11,855
2. Irrigation Facilities					75,575	42,976	118,551
a. Head Works					41,464	20,632	62,096
- Excavation	814,000	cu m	8,000	2,000	6,512	1,628	8,140
- Backfill	18,000	cu m	7,200	1,800	130	32	162
- Embankment	800	cu m	9,600	2,400	8	2	10
- Weir					26,320	15,417	41,737
Concrete	13,200	cu m	285,000	285,000	3,762	3,762	7,524
Apron	10,130	sq m	80,000	120,000	810	1,216	2,026
Riverbed Protection	6,190	sq m	0	120,000	0	743	743
Gate	553	sq m	35,000,000	15,000,000	19,355	8,295	27,650
Foundation Works	1	l.s.	0	0	2,393	1,402	3,794
Temporary Cofferdam	0	l.s.	0	0	0	0	0
- Intake					3,835	1,802	5,636
Concrete	1,200	cu m	210,000	210,000	252	252	504
Gate	84	sq m	38,500,000	16,500,000	3,234	1,386	4,620
Foundation Works	1	l.s.	0	0	349	164	512
- Flushing Gate					2,603	1,224	3,827
Concrete	820	cu m	210,000	210,000	172	172	344
Gate	57	sq m	38,500,000	16,500,000	2,195	941	3,135
Foundation Works	1	l.s.	0	0	237	111	348
- Steel Stop Log	85	ton	910,000	390,000	77	33	111
- Control Bridge	1,142	sq m	1,700,000	300,000	1,941	343	2,284
- Control House	315	sq m	120,000	480,000	38	151	189
b. Head Reach & Main Canal					17,897	17,533	35,431
- Left Bank (L=76 km)					17,897	17,533	35,431
Excavation	1,254,000	cu m	4,800	1,200	6,019	1,505	7,524
Embankment	35,000	cu m	3,600	900	126	32	158
Concrete Lining	60,800	cu m	137,700	137,700	8,372	8,372	16,744
Footing	76,000	cu m	0	60,200	0	4,575	4,575
Expansion Joint	87,000	m	36,800	1,200	3,202	104	3,306
Weep Hole	1,500	unit	800	17,600	1	26	28
Gravel Metaling	45,600	cu m	0	60,200	0	2,745	2,745
Regulation Ponds	1	l.s.	0	0	177	174	351
- Right Bank (L=0 km)					0	0	0
Excavation	0	cu m	4,800	1,200	0	0	0
Embankment	0	cu m	3,600	900	0	0	0
Concrete Lining	0	cu m	137,700	137,700	0	0	0
Footing	0	cu m	0	60,200	0	0	0
Expansion Joint	0	m	36,800	1,200	0	0	0
Weep Hole	0	unit	800	17,600	0	0	0
Gravel Metaling	0	cu m	0	60,200	0	0	0
Regulation Ponds	0	l.s.	0	0	0	0	0
c. Left Bank Irrigation System					16,214	4,811	21,025
- Existing/Rainfed	376	ha	546,000	162,000	205	61	266
- Existing/Undeveloped	2,096	ha	2,184,000	648,000	4,578	1,358	5,936
- New/Undeveloped	5,234	ha	2,184,000	648,000	11,431	3,392	14,823
d. Right Bank Irrigation System					0	0	0

**Table XV.2.4 (2/2) FINANCIAL COST OF KUANTAN RIVER MULTIPURPOSE DEVELOPMENT PROJECT
- LUBUKJAMBI INTAKE WEIR/IRRIGATION SYSTEM (INITIAL PHASE) -**

Work Item	Quantity	Unit	Unit Cost		Amount		Total (Mill. Rp.)
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	
II. Compensation Cost -----					0	5,185	5,185
1. Land Acquisition -----					0	805	805
a. Left Bank (L=76 km) -----					0	780	780
- Right of Way	260.0	ha	0	3,000,000	0	780	780
b. Right Bank (L=0 km) -----					0	0	0
- Right of Way	0	ha	0	3,000,000	0	0	0
c. Intake Weir -----					0	25	25
- Residential Area	9.7	ha	0	10,000,000	0	10	10
- Orchard Farms	6.2	ha	0	2,200,000	0	1	1
- Wet Paddy Fields	14.1	ha	0	10,000,000	0	14	14
2. Compensation -----					0	4,380	4,380
a. Left Bank (L=76 km) -----					0	3,600	3,600
- Permanent House	250	unit	0	12,000,000	0	3,000	3,000
- Semi-Permanent	150	unit	0	4,000,000	0	600	600
b. Right Bank (L=0 km) -----					0	0	0
- Permanent House	0	unit	0	12,000,000	0	0	0
- Semi-Permanent	0	unit	0	4,000,000	0	0	0
c. Intake Weir -----					0	780	780
- Permanent House	60	unit	0	12,000,000	0	720	720
- Semi-Permanent	10	unit	0	4,000,000	0	40	40
- Temporary	10	unit	0	2,000,000	0	20	20
III. Administration Cost ----- (5% of Items I & II, allotted to L.C. only)					0	6,780	6,780
IV. Engineering Cost ----- (10% of Item I)					8,313	4,727	13,041
V. Physical Contingency (10% of Items I, II & IV) -----					9,145	5,719	14,863
VI. Total (Items I to V) -----					100,591	69,684	170,275
VII. Value Added Tax (10% of Item VI) -----					0	17,027	17,027
VIII. Grand Total -----					100,591	86,712	187,302

Note : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

**Table XV.2.5 (1/2) FINANCIAL COST OF KUANTAN-INDRAGIRI RIVER IMPROVEMENT PROJECT
- RENGAT AREA (INITIAL PHASE) Without Public Road -**

Work Item	Quantity	Unit	Unit Cost		Amount		Total (Mill. Rp.)	
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)		
I. Construction Base Cost						18,365	10,452	28,817
1. Preparatory Works (10% of Item 2)						1,670	950	2,620
2. Main Civil Works						16,695	9,502	26,197
a. Dredging/Excavation	0	cu m	5,200	1,300	0	0	0	
b. Earth Dike					3,542	2,133	5,675	
- Stripping/Clearing	271,000	sq m	0	1,200	0	325	325	
- Embankment	472,000	cu m	7,400	2,200	3,493	1,038	4,531	
- Sodding	245,600	sq m	200	1,800	49	442	491	
- Filter	0	cu m	0	44,000	0	0	0	
- Gravel Metaling	9,100	cu m	0	36,000	0	328	328	
c. Concrete Wall Dike	1,400	m	160,000	170,000	224	238	462	
d. Movable Steel Wall (10.0W x 1.2H)	3	unit	108,000,000	12,000,000	324	36	360	
e. Control Gate					1,535	1,205	2,740	
- 2 spans x 2.5W x 2.0H	5	unit	307,000,000	241,000,000	1,535	1,205	2,740	
f. Sluice					3,800	2,900	6,700	
- Type A	0	unit	355,000,000	279,000,000	0	0	0	
- Type B	0	unit	587,000,000	462,000,000	0	0	0	
- Type C	0	unit	896,000,000	704,000,000	0	0	0	
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0	
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0	
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0	
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0	
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0	
- 5 spans X 7.0W X 5.2H	1	unit	3,800,000,000	2,900,000,000	3,800	2,900	6,700	
g. Drainage Pumping Station					4,070	908	4,978	
- Excavation	3,200	cu m	4,200	1,000	13	3	17	
- Embankment	3,400	cu m	2,300	600	8	2	10	
- Reinforced Concrete	690	cu m	307,000	300,000	212	207	419	
- Control House	300	sq m	90,000	370,000	27	111	138	
- Foundation Treatment	1	l.s.	0	0	210	185	395	
- Mechanical Works	1	l.s.	0	0	3,600	400	4,000	
h. Revetment					119	207	326	
- Low Water Channel	4,400	sq m	27,000	47,000	119	207	326	
- High Water Channel	0	sq m	24,000	41,000	0	0	0	
i. Groin	8	set	33,000,000	32,000,000	264	256	520	
j. Bridge					35	35	70	
- Footbridge	0	sq m	200,000	200,000	0	0	0	
- Road Bridge	35	sq m	1,000,000	1,000,000	35	35	70	
k. Miscellaneous (20% of a to j)	1	l.s.	0	0	2,783	1,584	4,366	
II. Compensation Cost						0	280	280
1. Land Acquisition							120	120
	40	ha	0	3,000,000	0	120	120	
2. Compensation						0	160	160
a. Permanent House	10	unit	0	12,000,000	0	120	120	
b. Semi-Permanent	10	unit	0	4,000,000	0	40	40	
III. Administration Cost (5% of Items I & II, allotted to L.C. only)						0	1,455	1,455
IV. Engineering Cost (10% of Item I)						1,836	1,045	2,882
V. Physical Contingency (10% of Items I, II & IV)						2,020	1,178	3,198
VI. Total (Items I to V)						22,222	14,410	36,632
VII. Value Added Tax (10% of Item VI)						0	3,663	3,663
VIII. Grand Total						22,222	18,073	40,295

Note : *1. Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Costs do not include Price Contingency

*4 Figures may not add up to totals due to rounding

Table XV.2.5 (2/2) FINANCIAL COST OF KUANTAN-INDRAGIRI RIVER IMPROVEMENT PROJECT
- RENGAT AREA (INITIAL PHASE) With Public Road -
(for reference only, not used for economic evaluation)

Work Item	Quantity	Unit	Unit Cost		Amount		
			F.C. (Rp.)	L.C. (Rp.)	F.C. (Mill. Rp.)	L.C. (Mill. Rp.)	Total (Mill. Rp.)
I. Construction Base Cost					19,659	12,643	32,302
1. Preparatory Works (10% of Item 2)					1,787	1,149	2,937
2. Main Civil Works					17,872	11,494	29,365
a. Dredging/Excavation	0	cu m	5,200	1,300	0	0	0
b. Earth Dike					3,542	2,133	5,675
- Stripping/Clearing	271,000	sq m	0	1,200	0	325	325
- Embankment	472,000	cu m	7,400	2,200	3,493	1,038	4,531
- Sodding	245,600	sq m	200	1,800	49	442	491
- Filter	0	cu m	0	44,000	0	0	0
- Gravel Metaling	9,100	cu m	0	36,000	0	328	328
c. Concrete Wall Dike	1,400	m	160,000	170,000	224	238	462
d. Movable Steel Wall (10.0W x 1.2H)	3	unit	108,000,000	12,000,000	324	36	360
e. Control Gate					1,535	1,205	2,740
- 2 spans x 2.5W x 2.0H	5	unit	307,000,000	241,000,000	1,535	1,205	2,740
f. Sluice					2,968	2,332	5,300
- Type A	0	unit	355,000,000	279,000,000	0	0	0
- Type B	0	unit	587,000,000	462,000,000	0	0	0
- Type C	0	unit	896,000,000	704,000,000	0	0	0
- Type D	0	unit	1,109,000,000	871,000,000	0	0	0
- Type E	0	unit	1,848,000,000	1,452,000,000	0	0	0
- Type F	0	unit	2,128,000,000	1,672,000,000	0	0	0
- Type G	0	unit	2,520,000,000	1,980,000,000	0	0	0
- Type H	0	unit	2,968,000,000	2,332,000,000	0	0	0
- 5 spans X 7.0W X 5.2H	1	unit	3,800,000,000	2,900,000,000	2,968	2,332	5,300
g. Drainage Pumping Station					4,070	908	4,978
- Excavation	3,200	cu m	4,200	1,000	13	3	17
- Embankment	3,400	cu m	2,300	600	8	2	10
- Reinforced Concrete	690	sq m	307,000	300,000	212	207	419
- Control House	300	cu m	90,000	370,000	27	111	138
- Foundation Treatment	1	l.s.	0	0	210	185	395
- Mechanical Works	1	l.s.	0	0	3,600	400	4,000
h. Revetment					119	207	326
- Low Water Channel	4,400	sq m	27,000	47,000	119	207	326
- High Water Channel	0	sq m	24,000	41,000	0	0	0
i. Groin	8	set	33,000,000	32,000,000	264	256	520
j. Bridge					35	35	70
- Footbridge	0	sq m	200,000	200,000	0	0	0
- Road Bridge	35	sq m	1,000,000	1,000,000	35	35	70
k. Public Road					1,812	2,228	4,040
- Stripping/Clearing	72,000	sq m	0	1,200	0	86	86
- Embankment	126,000	cu m	7,400	2,200	932	277	1,210
- Sodding	60,800	sq m	200	1,800	12	109	122
- Asphalt Pavement	8,300	ton	60,000	90,000	498	747	1,245
- Base Course	7,700	cu m	48,000	72,000	370	554	924
- Sub-base Course	10,300	cu m	0	44,000	0	453	453
l. Miscellaneous (20% of a to k)	1	l.s.	0	0	2,979	1,916	4,894
II. Compensation Cost					0	280	280
1. Land Acquisition					0	120	120
2. Compensation					0	160	160
a. Permanent House	10	unit	0	12,000,000	0	120	120
b. Semi-Permanent	10	unit	0	4,000,000	0	40	40
III. Administration Cost (5% of Items I & II, allotted to L.C. only)					0	1,629	1,629
IV. Engineering Cost (10% of Item I)					1,966	1,264	3,230
V. Physical Contingency (10% of Items I, II & IV)					2,162	1,419	3,581
VI. Total (Items I to V)					23,787	17,235	41,022
VII. Value Added Tax (10% of Item VI)					0	4,102	4,102
VIII. Grand Total					23,787	21,337	45,124

Table XV.2.6 ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN WATER SUPPLY PROJECT (FINANCIAL)
(KUOK INTAKE WEIR/RANTAUBERANGIN IRRIGATION - INITIAL)

Description	Amount												Unit: Million Rp.						
	1996		1997		1998		1999		2000		2001			2002		2003		2004	
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.		F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	113,323	89,838	203,161	0	0	0	0	0	0	10,589	7,352	25,859	19,138	30,801	24,187	29,630	24,486	16,444	14,875
1. Preparatory Works	8,105	4,356	12,461	0	0	0	0	0	0	4,053	2,178	4,053	2,178	0	0	0	0	0	0
2. Head Works	32,105	16,368	48,473	0	0	0	0	0	0	4,816	2,455	9,632	4,910	9,632	4,910	8,036	4,092	0	0
3. Head Reach & Main Canal	27,408	20,800	48,208	0	0	0	0	0	0	4,111	3,120	4,111	3,120	8,222	6,240	8,222	6,240	6,832	5,200
4. Left Bank Irrigation System	16,049	4,762	20,811	0	0	0	0	0	0	0	0	2,407	714	4,815	1,429	4,815	1,429	4,012	1,191
5. Right bank Irrigation System	5,486	1,628	7,114	0	0	0	0	0	0	0	0	823	244	1,646	488	1,646	488	1,372	407
Sub-Total	89,153	47,914	137,067	0	0	0	0	0	0	8,868	4,633	21,025	11,167	24,314	13,067	22,709	12,249	12,236	6,798
7. Price Contingency (3%F.C. & 8%L.C.)	24,170	41,924	66,094	0	0	0	0	0	0	1,721	2,719	4,833	7,971	6,486	11,119	6,921	12,237	4,208	7,878
II. Compensation Cost	0	6,982	6,982	0	0	0	629	0	3,055	0	3,299	0	0	0	0	0	0	0	0
1. Compensation	0	4,620	4,620	0	0	0	462	0	2,079	0	2,079	0	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	2,362	2,362	0	0	0	167	0	976	0	1,220	0	0	0	0	0	0	0	0
III. Administration Cost	0	11,401	11,401	0	826	0	892	0	1,561	0	1,686	0	1,214	0	1,311	0	1,416	0	1,529
1. Administration	0	7,084	7,084	0	708	0	708	0	1,063	0	1,063	0	708	0	708	0	708	0	708
2. Price Contingency (8%L.C.)	0	4,317	4,317	0	118	0	184	0	499	0	624	0	506	0	603	0	708	0	821
IV. Engineering Cost	10,416	7,269	17,685	1,702	1,006	1,461	905	1,505	978	1,240	845	456	1,096	821	1,129	887	1,163	958	479
1. Detailed Design	5,349	2,875	8,224	1,605	862	1,337	719	1,337	719	1,070	575	0	0	0	0	0	0	0	0
2. Construction Supervision	3,566	1,916	5,482	0	0	0	0	0	0	535	287	892	479	892	479	892	479	892	479
3. Price Contingency (3%F.C. & 8%L.C.)	1,501	2,478	3,979	98	144	124	187	168	259	170	270	104	169	205	342	238	408	272	479
V. Physical Contingency (10% of Items I, II & IV)	12,374	10,409	22,783	170	101	146	91	151	161	124	390	1,111	2,696	1,996	2,507	3,079	2,544	1,692	1,509
VI. Total (Items I, II, III, IV & V)	136,112	125,900	262,012	1,873	1,933	1,607	1,888	1,656	2,731	1,364	5,851	12,351	13,905	29,651	23,169	35,123	28,892	33,873	29,404
VII. Value Added Tax (10% of Item VI)	0	26,201	26,201	0	381	0	350	0	721	0	2,626	0	5,282	0	6,402	0	6,328	0	3,674
VIII. Grand Total	136,112	152,101	288,213	1,873	2,313	1,607	2,238	1,656	3,169	1,364	6,572	12,351	16,530	29,651	28,451	35,123	35,294	33,873	35,732

Notes: *1 Price Level in July 1994
 *2 Conversion Rate - 1,000 US\$ = 2,175 Rp.; 1 Yen = 21,90 Rp.
 *3 Replacement Cost (Rubber Gate) is allocated at 2024 and not included in the Total Amount of the Project Cost
 *4 Figures may not add up to totals due to rounding

Table XV.2.7 ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT (FINANCIAL)
- BANGKINANG AREA RIVER IMPROVEMENT WORKS (INITIAL PHASE) -

Unit : Million Rp.

Description	Amount		1999		2000		2001		2002		2003		2004		
	F.C.	L.C.	Total	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	L.C.	
I. Construction Base Cost	136,152	140,530	276,682	0	0	0	0	0	0	48,316	47,910	62,207	64,679	25,629	27,941
1. Preparatory Works	9,535	6,471	16,006	0	0	0	0	0	0	9,535	6,471	0	0	0	0
2. Main Civil Works	95,353	64,711	160,064	0	0	0	0	0	0	28,606	19,413	47,677	32,356	19,071	12,942
Sub-Total	104,888	71,182	176,070	0	0	0	0	0	0	38,141	25,884	47,677	32,356	19,071	12,942
7. Price Contingency (3%F.C. & 8%L.C.)	31,264	69,348	100,612	0	0	0	0	0	0	10,175	22,026	14,531	32,323	6,559	14,999
II. Compensation Cost	0	4,276	4,276	0	0	0	2,056	0	2,220	0	0	0	0	0	0
1. Compensation	0	2,591	2,591	0	0	0	1,296	0	1,296	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	1,685	1,685	0	0	0	760	0	925	0	0	0	0	0	0
III. Administration Cost	0	15,473	15,473	0	1,969	0	3,544	0	4,593	0	1,653	0	1,786	0	1,929
1. Administration	0	8,933	8,933	0	1,340	0	2,233	0	2,680	0	893	0	893	0	893
2. Price Contingency (8%L.C.)	0	6,540	6,540	0	629	0	1,311	0	1,913	0	760	0	892	0	1,035
IV. Engineering Cost	12,821	12,082	24,903	5,107	4,393	2,254	2,033	0	0	1,594	1,581	2,737	2,846	1,128	1,229
1. Detailed Design	6,293	4,271	10,564	4,405	2,990	1,888	1,281	0	0	0	0	0	0	0	0
2. Construction Supervision	4,196	2,847	7,043	0	0	0	0	0	0	1,259	854	2,098	1,424	839	569
3. Price Contingency (3%F.C. & 8%L.C.)	2,332	4,964	7,296	702	1,403	366	752	0	0	336	727	639	1,422	289	660
V. Physical Contingency (10% of Items I, II & IV)	14,897	15,689	30,586	511	439	225	409	0	222	4,991	4,949	6,494	6,752	2,676	2,917
VI. Total (Items I, II, III, IV & V)	163,870	188,050	351,920	5,618	6,801	2,480	8,042	0	7,035	54,901	56,094	71,439	76,063	29,433	34,016
VII. Value Added Tax (10% of Item VI)	0	35,192	35,192	0	1,242	0	1,052	0	704	0	11,099	0	14,750	0	6,345
VIII. Grand Total	163,870	223,242	387,112	5,618	8,043	2,480	9,094	0	7,739	54,901	67,193	71,439	90,813	29,433	40,361

Notes : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Figures may not add up to totals due to rounding

Table XV.2.8 ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (FINANCIAL)
(KUANTAN DAM AND LUBUKJAMBI INTAKE WEIR/IRRIGATION SYSTEM CONSTRUCTION WORKS)

Unit : Million Rp.

Description	Amount		1996		1997		1998		1999		2000		2001		2002		2003		2004		
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	
I. Construction Base Cost	409,522	337,569	747,091	0	0	0	0	0	0	0	0	38,270	36,892	102,272	77,816	148,112	118,419	79,554	68,055	41,314	36,387
1. Preparatory Works	16,424	14,990	31,414	0	0	0	0	0	0	0	0	8,366	10,692	2,267	1,289	5,291	3,009	0	0	0	0
2. Main Civil Works	307,417	168,540	475,957	0	0	0	0	0	0	0	0	23,184	12,356	80,889	44,116	111,631	60,970	60,972	34,044	30,742	16,854
Sub-Total	323,841	183,530	507,371	0	0	0	0	0	0	0	0	32,050	23,248	83,156	45,405	116,921	63,978	60,972	34,044	30,742	16,854
7. Price Contingency (3%F.C. & 8%L.C.)	85,681	154,039	239,720	0	0	0	0	0	0	0	0	6,219	13,644	19,115	32,411	31,191	54,441	18,583	34,011	10,573	19,533
II. Compensation Cost	0	41,096	41,096	0	0	0	0	32,856	0	1,905	0	4,114	0	2,222	0	0	0	0	0	0	0
1. Compensation	0	29,335	29,335	0	0	0	0	24,150	0	1,296	0	2,893	0	1,296	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	11,761	11,761	0	0	0	0	8,706	0	608	0	1,321	0	925	0	0	0	0	0	0	0
III. Administration Cost	0	43,485	43,485	0	2,339	0	2,326	0	6,380	0	3,943	0	6,410	0	5,761	0	4,967	0	5,365	0	5,794
1. Administration	0	26,836	26,836	0	2,006	0	2,006	0	4,689	0	2,684	0	4,040	0	3,362	0	2,684	0	2,684	0	2,684
2. Price Contingency (8%L.C.)	0	16,649	16,649	0	334	0	521	0	1,690	0	1,259	0	2,371	0	2,400	0	2,284	0	2,681	0	3,110
IV. Engineering Cost	37,699	27,625	65,324	7,661	4,768	7,891	5,149	2,807	1,929	1,735	1,230	2,341	1,765	4,166	3,288	5,932	4,910	3,426	2,979	1,741	1,385
1. Detailed Design	19,430	11,012	30,442	7,221	4,088	7,221	4,088	2,494	1,418	1,496	851	998	567	0	0	0	0	0	0	0	0
2. Construction Supervision	12,954	7,341	20,295	0	0	0	0	0	0	0	0	963	545	3,387	1,919	4,683	2,653	2,625	1,490	1,295	734
3. Price Contingency (3%F.C. & 8%L.C.)	5,315	9,272	14,587	440	680	670	1,062	313	511	238	399	380	653	779	1,370	1,249	2,257	800	1,489	445	851
V. Physical Contingency (10% of Items I, II & IV)	44,722	40,629	85,351	766	477	789	515	281	3,479	173	315	4,061	4,277	10,644	8,333	15,404	12,333	8,298	7,103	4,366	3,797
VI. Total (Items I, II, III, IV & V)	491,943	490,404	982,347	8,427	7,584	8,680	8,191	3,088	44,643	1,908	7,413	44,671	53,459	117,081	97,420	169,448	140,630	91,278	83,502	47,361	47,562
VII. Value Added Tax (10% of Item VI)	0	98,235	98,235	0	1,601	0	1,687	0	4,773	0	932	0	9,813	0	21,450	0	31,008	0	17,478	0	9,492
VIII. Grand Total	491,943	588,639	1,080,582	8,427	9,185	8,680	9,878	3,088	49,416	1,908	8,346	44,671	63,272	117,081	118,870	169,448	171,637	91,278	100,980	47,361	57,055

Notes : *1 Price Level in July 1994
 *2 Conversion Rate : 1,000 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.
 *3 Figures may not add up to totals due to rounding

Table XV.2.9 ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (FINANCIAL)
- KENGAT AREA FLOOD PROTECTION WORKS (INITIAL PHASE) -

Description	Unit: Million Rp.														
	1996			1997			1998			1999			2000		
	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total
I. Construction Base Cost	21,181	15,167	36,348	0	0	0	0	0	0	7,517	5,171	12,688	9,677	6,981	16,658
1. Preparatory Works	1,670	950	2,620	0	0	0	0	0	0	1,670	950	2,620	0	0	0
2. Main Civil Works	16,695	9,502	26,197	0	0	0	0	0	0	5,009	2,851	7,860	8,348	4,751	13,099
Sub-Total	18,365	10,452	28,817	0	0	0	0	0	0	6,679	3,801	10,480	8,348	4,751	13,099
7. Price Contingency (3%F.C. & 8%L.C.)	2,816	4,715	7,531	0	0	0	0	0	0	838	1,970	2,808	1,330	2,230	3,560
II. Compensation Cost	0	353	353	0	0	0	0	353	0	0	0	0	0	0	0
1. Compensation	0	280	280	0	0	0	0	280	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	73	73	0	0	0	0	73	0	0	0	0	0	0	0
III. Administration Cost	0	1,941	1,941	0	170	170	0	733	0	594	0	214	0	0	231
1. Administration	0	1,455	1,455	0	146	146	0	582	0	437	0	146	0	146	146
2. Price Contingency (8%L.C.)	0	486	486	0	24	24	0	151	0	157	0	68	0	68	68
IV. Engineering Cost	2,018	1,342	3,359	1,169	731	1,900	0	248	171	426	171	307	175	133	313
1. Detailed Design	1,102	627	1,729	1,102	627	1,729	0	0	0	0	0	0	0	0	0
2. Construction Supervision	734	418	1,152	0	0	0	0	220	125	367	209	147	147	84	231
3. Price Contingency (3%F.C. & 8%L.C.)	182	297	479	67	104	171	0	28	45	58	98	29	29	49	78
V. Physical Contingency (10% of Items I, II & IV)	2,320	1,686	4,006	117	73	190	0	35	776	534	1,010	729	416	315	734
VI. Total (Items I, II, III, IV & V)	25,518	20,489	46,007	1,286	974	2,260	0	1,121	8,541	6,469	11,113	8,230	4,579	3,694	12,823
VII. Value Added Tax (10% of Item VI)	0	4,601	4,601	0	226	226	0	112	0	1,501	0	1,934	0	827	2,761
VIII. Grand Total	25,518	25,090	50,608	1,286	1,200	2,486	0	1,233	8,541	7,970	11,113	10,165	4,579	4,521	15,686

Notes : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Figures may not add up to totals due to rounding

Table XV.2.10 ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN WATER SUPPLY PROJECT (ECONOMIC)
(KUOK INTAKE WEIR / RANTAUBERANGIN IRRIGATION - INITIAL)

Description	Amount		1996		1997		1998		1999		2000		2001		2002		2003		2004		
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	
I. Construction Base Cost	81,040	42,164	123,204	0	0	0	0	0	0	0	0	8,061	4,077	19,112	9,827	22,102	11,499	20,643	10,779	11,122	5,982
1. Preparatory Works	7,367	3,833	11,201	0	0	0	0	0	0	0	0	3,684	1,917	3,684	1,917	0	0	0	0	0	0
2. Head Works	29,183	14,404	43,587	0	0	0	0	0	0	0	0	4,378	2,161	8,755	4,321	8,755	4,321	7,296	3,601	0	0
3. Head Reach & Main canal	24,914	18,304	43,218	0	0	0	0	0	0	0	0	0	0	3,737	2,746	7,474	5,491	7,474	5,491	6,228	4,376
4. Left Bank Irrigation System	14,589	4,191	18,779	0	0	0	0	0	0	0	0	0	0	2,188	629	4,377	1,257	4,377	1,257	3,647	1,048
5. Right bank Irrigation System	4,987	1,433	6,419	0	0	0	0	0	0	0	0	0	0	748	215	1,496	430	1,496	430	1,247	358
Sub-Total	81,040	42,164	123,204	0	0	0	0	0	0	0	0	8,061	4,077	19,112	9,827	22,102	11,499	20,643	10,779	11,122	5,982
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	4,554	4,554	0	0	0	455	0	2,049	0	2,049	0	2,049	0	0	0	0	0	0	0	0
1. Compensation	0	4,554	4,554	0	0	0	455	0	2,049	0	2,049	0	2,049	0	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	7,084	7,084	0	708	0	708	0	1,063	0	1,063	0	1,063	0	708	0	708	0	708	0	708
1. Administration	0	7,084	7,084	0	708	0	708	0	1,063	0	1,063	0	1,063	0	708	0	708	0	708	0	708
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	8,915	4,791	13,706	1,605	862	1,337	719	1,337	719	1,070	575	535	287	892	479	892	479	892	479	892	357
1. Detailed Design	5,349	2,875	8,224	1,605	862	1,337	719	1,337	719	1,070	575	0	0	0	0	0	0	0	0	0	0
2. Construction Supervision	3,566	1,916	5,482	0	0	0	0	0	0	0	0	535	287	892	479	892	479	892	479	892	357
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	8,996	5,151	14,146	160	134	72	134	117	107	262	262	860	641	2,000	1,031	2,299	1,198	2,153	1,126	1,148	617
VI. Total (Items I, II, III, IV & V)	98,951	63,744	162,695	1,765	1,657	1,471	2,000	1,177	3,949	9,456	8,118	22,004	12,045	25,293	13,885	23,688	13,092	12,627	7,499		
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	98,951	63,744	162,695	1,765	1,657	1,471	2,000	1,177	3,949	9,456	8,118	22,004	12,045	25,293	13,885	23,688	13,092	12,627	7,499		

Notes: *1 Price Level in July 1994
 *2 Conversion Rate - 1.00 US\$ = 2.175 Rp.; 1 Yen = 21.90 Rp.
 *3 Replacement Cost (Rubber Gate) is allocated at 2024 and not included in the Total Amount of the Project Cost
 *4 Figures may not add up to totals due to rounding

Table XV.2.11 ANNUAL DISBURSEMENT SCHEDULE OF KAMPAR KANAN RIVER IMPROVEMENT PROJECT (ECONOMIC)
- BANGKINANG AREA RIVER IMPROVEMENT WORKS (INITIAL PHASE) -

Unit : Million Rp.

Description	Amount		1999		2000		2001		2002		2003		2004		
	F.C.	L.C.	Total	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	95,343	62,640	157,983	0	0	0	0	0	0	34,670	22,778	43,338	28,473	17,335	11,389
1. Preparatory Works	8,667	5,694	14,362	0	0	0	0	0	0	8,667	5,694	0	0	0	0
2. Main Civil Works	86,676	56,946	143,622	0	0	0	0	0	0	26,003	17,084	43,338	28,473	17,335	11,389
Sub-Total	95,343	62,640	157,983	0	0	0	0	0	0	34,670	22,778	43,338	28,473	17,335	11,389
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	2,532	2,532	0	0	0	1,266	0	1,266	0	0	0	0	0	0
1. Compensation	0	2,532	2,532	0	0	0	1,266	0	1,266	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	8,933	8,933	0	1,340	0	2,233	0	2,680	0	893	0	893	0	893
1. Administration	0	8,933	8,933	0	1,340	0	2,233	0	2,680	0	893	0	893	0	893
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	10,489	7,118	17,607	4,405	2,990	1,888	1,281	0	0	1,259	854	2,098	1,424	839	569
1. Detailed Design	6,293	4,271	10,564	4,405	2,990	1,888	1,281	0	0	0	0	0	0	0	0
2. Construction Supervision	4,196	2,847	7,043	0	0	0	0	0	0	1,259	854	2,098	1,424	839	569
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	10,583	7,229	17,812	441	299	189	255	0	127	3,593	2,363	4,544	2,990	1,817	1,196
VI. Total (Items I, II, III, IV & V)	116,415	88,452	204,867	4,846	4,628	2,077	5,035	0	4,072	39,522	26,889	49,979	33,779	19,992	14,048
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	116,415	88,452	204,867	4,846	4,628	2,077	5,035	0	4,072	39,522	26,889	49,979	33,779	19,992	14,048

Notes : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Figures may not add up to totals due to rounding

Table XV-2.12 ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (ECONOMIC)
(KUANTAN DAM AND LUBUKJAMBI INTAKE WEIR/IRRIGATION SYSTEM CONSTRUCTION WORKS)

Unit : Million Rp.

Description	Amount		1996		1997		1998		1999		2000		2001		2002		2003		2004		
	F.C.	L.C.	Total	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.
I. Construction Base Cost	294,371	161,506	455,878	0	0	0	0	0	0	0	29,134	20,459	75,589	39,956	106,281	56,301	55,423	29,959	27,944	14,832	0
1. Preparatory Works	14,929	13,191	28,121	0	0	0	0	0	0	0	8,059	9,409	2,061	1,135	4,809	2,648	0	0	0	0	0
2. Main Civil Works	279,442	148,315	427,757	0	0	0	0	0	0	0	21,074	11,050	73,528	38,822	101,472	53,653	55,423	29,959	27,944	14,832	0
Sub-Total	294,371	161,506	455,878	0	0	0	0	0	0	0	29,134	20,459	75,589	39,956	106,281	56,301	55,423	29,959	27,944	14,832	0
7. Price Contingency (3% F.C. & 8% L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	26,840	26,840	0	0	0	21,735	0	1,276	0	2,552	0	1,276	0	0	0	0	0	0	0	0
1. Compensation	0	26,840	26,840	0	0	0	21,735	0	1,276	0	2,552	0	1,276	0	0	0	0	0	0	0	0
2. Price Contingency (8% L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	26,836	26,836	0	2,006	0	2,006	0	4,689	0	4,040	0	4,040	0	3,362	0	2,684	0	2,684	0	2,684
1. Administration	0	26,836	26,836	0	2,006	0	2,006	0	4,689	0	4,040	0	4,040	0	3,362	0	2,684	0	2,684	0	2,684
2. Price Contingency (8% L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	32,384	18,353	50,737	7,221	4,088	7,221	4,088	2,494	1,418	1,496	851	1,960	1,112	3,387	1,919	4,683	2,625	1,490	1,295	734	0
1. Detailed Design	19,430	11,012	30,442	7,221	4,088	7,221	4,088	2,494	1,418	1,496	851	998	567	0	0	0	0	0	0	0	0
2. Construction Supervision	12,954	7,341	20,295	0	0	0	0	0	0	0	963	545	3,387	1,919	4,683	2,625	2,625	1,490	1,295	734	0
3. Price Contingency (3% F.C. & 8% L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	32,676	20,670	53,346	722	409	722	409	249	2,315	150	213	3,109	2,412	7,898	4,315	11,096	5,895	3,145	2,924	1,557	0
VI. Total (Items I, II, III, IV & V)	359,431	254,205	613,636	7,943	6,502	7,943	6,502	2,743	30,158	1,646	5,023	34,203	30,575	86,874	50,828	122,060	67,533	63,854	37,278	32,164	19,806
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	359,431	254,205	613,636	7,943	6,502	7,943	6,502	2,743	30,158	1,646	5,023	34,203	30,575	86,874	50,828	122,060	67,533	63,854	37,278	32,164	19,806

Notes : *1 Price Level in July 1994
 *2 Conversion Rate - 1.00 US\$ = 2.175 Rp.; 1 Yen = 21.90 Rp.
 *3 Figures may not add up to totals due to rounding

Table XV.2.13 ANNUAL DISBURSEMENT SCHEDULE OF INDRAGIRI RIVER DEVELOPMENT PROJECT (ECONOMIC)
- RENGATA AREA FLOOD PROTECTION WORKS (INITIAL PHASE) -

Description	1996			1997			1998			1999			2000		
	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total	F.C.	L.C.	Total
I. Construction Base Cost	16,694	9,198	25,892	0	0	0	0	6,071	3,345	7,588	4,181	3,035	1,672	0	0
1. Preparatory Works	1,518	836	2,354	0	0	0	0	1,518	836	0	0	0	0	0	0
2. Main Civil Works	15,176	8,362	23,538	0	0	0	0	4,553	2,509	7,588	4,181	3,035	1,672	0	0
Sub-Total	16,694	9,198	25,892	0	0	0	0	6,071	3,345	7,588	4,181	3,035	1,672	0	0
7. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Compensation Cost	0	268	268	0	0	0	268	0	0	0	0	0	0	0	0
1. Compensation	0	268	268	0	0	0	268	0	0	0	0	0	0	0	0
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	1,455	1,455	0	146	146	582	0	437	0	146	0	146	0	146
1. Administration	0	1,455	1,455	0	146	146	582	0	437	0	146	0	146	0	146
2. Price Contingency (8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Engineering Cost	1,836	1,045	2,881	1,102	627	1,729	0	220	125	367	209	147	84	0	0
1. Detailed Design	1,102	627	1,729	1,102	627	1,729	0	0	0	0	0	0	0	0	0
2. Construction Supervision	734	418	1,152	0	0	0	0	220	125	367	209	147	84	0	0
3. Price Contingency (3%F.C. & 8%L.C.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Physical Contingency (10% of Items I, II & IV)	1,853	1,051	2,904	110	63	173	0	27	629	347	796	439	318	176	0
VI. Total (Items I, II, III, IV & V)	20,383	13,017	33,400	1,212	835	2,047	0	877	6,920	4,253	8,751	4,974	3,500	2,077	0
VII. Value Added Tax (10% of Item VI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Grand Total	20,383	13,017	33,400	1,212	835	2,047	0	877	6,920	4,253	8,751	4,974	3,500	2,077	0

Notes : *1 Price Level in July 1994

*2 Conversion Rate - 1.00 US\$ = 2,175 Rp. ; 1 Yen = 21.90 Rp.

*3 Figures may not add up to totals due to rounding

Table XV.2.14 ANNUAL DISBURSEMENT SCHEDULE OF KUANTAN DAM HYDROPOWER DEVELOPMENT PROJECT (FINANCIAL)

Unit: Million Rp.

Description	Amount		1996		1997		1998		1999		2000		2001		2002		2003		2004			
	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.	F.C.	L.C.		
I. Construction Base Cost	242,969	159,621	402,591	0	0	0	0	0	0	0	0	28,412	22,557	69,409	42,190	95,321	60,754	24,545	16,404	25,282	17,716	
1. Preparatory Works	4,983	6,009	10,992	0	0	0	0	0	0	0	0	4,983	6,009	0	0	0	0	0	0	0	0	
2. Main Civil Works	188,119	92,059	270,178	0	0	0	0	0	0	0	0	18,812	8,206	56,436	24,618	75,248	32,824	18,812	8,206	18,812	8,206	
Sub-Total	193,102	88,068	281,170	0	0	0	0	0	0	0	0	23,795	14,215	56,436	24,618	75,248	32,824	18,812	8,206	18,812	8,206	
7. Price Contingency (3% F.C. & 8% L.C.)	49,867	71,553	121,421	0	0	0	0	0	0	0	0	4,617	8,342	12,973	17,573	20,074	27,931	5,733	8,198	6,470	9,510	
II. Compensation Cost	0	18,465	18,465	0	0	0	18,465	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1. Compensation	0	13,572	13,572	0	0	0	13,572	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Price Contingency (8% L.C.)	0	4,893	4,893	0	0	0	4,893	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Administration Cost	0	23,470	23,470	0	1,719	0	1,856	0	4,010	0	2,165	0	2,339	0	2,326	0	2,728	0	2,946	0	3,182	0
1. Administration	0	14,737	14,737	0	1,474	0	1,474	0	2,947	0	1,474	0	1,474	0	1,474	0	1,474	0	1,474	0	1,474	0
2. Price Contingency (8% L.C.)	0	8,733	8,733	0	245	0	383	0	1,063	0	692	0	865	0	1,052	0	1,254	0	1,472	0	1,708	0
IV. Engineering Cost	22,208	12,833	35,061	6,146	3,082	6,330	3,328	0	0	0	0	922	559	2,850	1,811	3,914	2,608	1,008	704	1,038	761	
1. Detailed Design	11,586	5,284	16,870	5,793	2,642	5,793	2,642	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2. Construction Supervision	7,724	3,523	11,247	0	0	0	0	0	0	0	0	772	352	2,317	1,057	3,090	1,409	772	352	772	352	
3. Price Contingency (3% F.C. & 8% L.C.)	2,898	4,046	6,944	353	440	537	686	0	0	0	0	150	207	533	754	824	1,199	235	352	266	408	
V. Physical Contingency (10% of Items I, II & IV)	26,518	19,094	45,612	615	308	633	333	0	1,846	0	0	2,933	2,312	7,226	4,400	9,924	6,336	2,555	1,711	2,632	1,848	
VI. Total (Items I, II, III, IV & V)	291,695	233,503	525,198	6,760	5,109	6,963	5,518	0	24,321	0	2,165	32,268	27,766	79,485	50,927	109,159	72,426	28,108	21,765	28,952	23,506	
VII. Value Added Tax (10% of Item VI)	0	52,520	52,520	0	1,187	0	1,248	0	2,432	0	217	0	6,003	0	13,041	0	18,159	0	4,987	0	5,246	
VIII. Grand Total	291,695	286,023	577,718	6,760	6,296	6,963	6,766	0	26,753	0	2,382	32,268	33,770	79,485	63,969	109,159	90,585	28,108	26,752	28,952	28,751	

Notes: *1. Price Level in July 1994
 *2. Conversion Rate - 1.00 US\$ = 2,175 Rp.; 1 Yen = 21.90 Rp.
 *3. Figures may not add up to totals due to rounding