Appendix A-4 CONSTRUCTION AND MAINTENANCE QUANTITIES
FOR ALL PROPOSED ROAD LINKS

CONSTRUCTION AND MAINTENANCE QUANTITIES FOR ALL PROPOSED ROAD LINKS (CONSTRUCTION)

ITEH	UNIT		(1989)	(1990)	(1991)	〈 1992 〉	< TOTAL
QUIFHENT :					•		
Dull Marar (Dianna	. _	1850 V	0.117.0	1007.0	50E7 1	2707 4	innis
Bulldozer/Ripper Swamp Bulldozer	hr hr	1558.9 11.2	2117.0		2853.4	2397.4	10914.6
• •			0.0 5560.8	0.0 5990.6	0.0	0.0	11.2
Motor Grader	ħr L-	3015.8			6600.2	5208.0	26375.4
Hand-guide Vib. Roller Tire Roller	hr -	135.1	and the second s		148.4	692.5	1859.7
	hr	1694.4	4420.7	5001.6	5334.4		21020.4
Vibratory Roller (DLT)	hr	1983.6	1076.8	1496.2	4584.6	3540.3	18701.5
Hydraulic Excavator; Wheel	hr	361.4		20.8	2.3	21.5	411.2
Wheel Loader	hr 5-	3819.7	7040.2	7627.6	9720.8	7097.7	34301.0
Hater Tank Truck	hr L-	912.0	2421.3	2813.3	2540.8	1878.8	10588.2
Dump Truck	hr	26746.9	50248.7	54645.0	60392.0	49571.8	241604.4
Flat Bed Truck with Crane	hr	49.0	198.6	560.3	73.1	394.7	1255.7
Flat Bed Truck	hr	2069.1	5363.9	6216.2	6444.7 2276.7	5663.0	25756.9
Portable Crusher/Screening	hr L	902.5	1741.9			1893.6	8786.5
Concrete Mixer	h <i>r</i>	46.0	51.8	386.4	34.3 23.9	285.5	804.0
Water Pump	hr ,	31.3	36.7	950.4		542.6	
Concrete Vibrator	hr	1.8	6.6	40.0	3.0 5334.4	37.5	98.9
Asphalt Sprayer	hr	1694.4	4420.7	5001.6	3331.4	4569.3	21020.4
ABOUR :		-					* •
Handur	#an daγ	1704.4	3509.7	4000.9	3983.0	3408.8	16806.8
Skilled Labourer	man day	1025.0	3794.6	4070.3	3515.8	3302.0	15707.7
Carpenter	man day	2.0	609.5	492.8	164.8	196.5	1465.6
Mason	man day	73.7	75.3	480.0	52.2	364.8	1046.0
Labourer	man day	14489.7	29443.2	33142.0	33838.4	31682.1	142595.4
Driver	man day	5324.9	10607.7	11727.5	12658.4	10525.9	50844.4
Operator	man day	3311.3	5937.8	6512.7	7324.6	6142.4	29228.6
ATERTAL :					•		
Bitumen	. 1	409145.8	1038666.5	1162675.4	1273791.6	1100198.1	4984477.4
Asphalt Oil	ì	56716.6	153920.8	176721.6	181503.2	153791.6	722653.8
Kerosene	i	81433.3	213204.0	241541.5	256736.6	219911.2	1012726.6
Sand	e 3	801.3	2169.2	2671.5	2521.6	2290.6	10454.2
Cenent	bag	54.2	124.B	789.9	63.5	700.1	1732.5
River Stone	a.J	73.7	75.3	539.4	52.2	394.0	1133.6
Steel Moulds	set	0.0	0.0	0.0	0.0	8.0	8.0
Tiaber	e 3	0.1	55.2	41.4	14.8	15.5	127.0
Paint	1	0.0	330.9	114.2	107.9	7.8	560.8
Reinforcing Steel	kg	176.0	645.5	12027.6	293.4	8431.4	21573.9
Tying Wire	kg	1.6	5.8	109.2	2.6	76.6	195.8
Equivalent Royalty	аŠ	41574.5	99595.1	113343.1	111339.0	87444.5	452296.2

CONSTRUCTION AND MAINTENANCE QUANTITIES FOR ALL PROPOSED ROAD LINKS (MAINTENANCE)

PROV : LAMPUNG KAB : LAMPUNG TENGAH UNIT (1988) (1989) (1990) (1991) (1992) (101AL) EQUIPMENT : Bulldozer/Ripper 0.0 0.0 0.0 0.0 0.0 0.0 Swamp Bulldozer 0.0 0.0 0.0 0.0 0.0 0.0 Kotor Grader hr 1727,2 3408.0 3109.5 2777.2 2451.2 13473.1 Hand-quide Vib. Roller hr 1282.5 2880.0 4320.0 5940.0 7530.0 21952.5 Tire Roller 3408.0 hr 1727.2 3109.5 2777.2 2451.2 13473.1 Vibratory Roller (D&I) hr 0.0 0.0 0.0 0.0 0.0 0.0 Hydraulic Excavator; Wheel ħr 0.0 0.0 0.0 0.0 0.0 0.0 Wheel Loader hr 632.2 1281.1 1302.4 1319.7 1335.2 5870.6 Water Tank Truck hr 0.0 0.0 0.0 0.00.0 0.0 Dump Truck 6356.3 ħr 13442.3 16448.1 19788.8 23059.7 79095.2 Flat Bed Truck with Crane hr 3261.9 6814.1 6655.2 6769.6 6713.2 30214.0 Flat Bed Truck hr 7436.8 14947.6 14990.9 15060.8 15130.6 67566.7 Portable Crusher/Screening hr 318.8 646.5 660.0 671.6 682.4 2979.3 Concrete Mixer hr 11.0 23.0 22.3 22.8 22.4 101.5 Water Pump hr 11.0 23.0 22.3 22.0 22.4 101.5 Concrete Vibrator hr 11.0 23.0 22.3 22.8 22.4 101.5 Asphalt Sprayer hr 0.0 0.0 0.0 0.0 0.0 0.0 LABOUR : Handur 2742.7 5627.7 6808.9 7412.8 man day 6176.7 29768.8 Skilled Labourer 972.1 2167.8 3134.7 4288.2 5279.9 15862.7 man day 161.1 55.5 117.8 122.0 135.4 571.8 Carpenter man day 0.0 0.0 Mason man day 0.0 0.0 0.0 0.0 73841.7 81498.6 88966.9 man day 32705.2 67123.5 344135.9 Labourer 7186.2 7727.3 2962.6 6592.9 30587.1 6118.1 Driver man day 1273.1 1478.6 1375.2 6486.4 Operator man day 789.6 1569.9 MATERIAL : 38880.0 53460.0 67770.0 197572.5 25920.0 11542.5 Bitumen 1 0.0 0.0 0.0 0.0 0.0 Asphall Oil l 0.0 4320.0 5940.0 7530.0 21952.5 2880.0 1282.5 Kerosene 1 1012.8 1277.4 3760.2 503.0 742.3 224.7 Sand 43 336.3 325.9 333.3 327.2 1484.0 161.3 paq Cesent 0.0 0.0 0.0 0.0 0.0 River Stone • 3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Steel Houlds set 9.1 9.6 13.0 10.7 46.7 4.3 lisber ĸJ 49.9 37.5 41.4 65.8 212.0 17.4 Paint 1 7627.1 1712.7 1681.8 829.0 1720.6 1675.0 Reinforcing Steel kg 15.5 15.2 69.1 7.5 15.7 15.2 Tying Wire 18906.6 03143.2 18689.2 8955.3 18146.4 18446.7 Equivalent Royalty a3

CONSTRUCTION AND MAINTENANCE QUANTITIES FOR ALL PROPOSED ROAD LINKS (TOTAL)

ITEH	UNIT	< 1988 >	< 1989 >	< 1990 >	< 1991 >	〈 1992 〉	(TOTAL)
PUIPHENT :							
Bulldozer/Ripper	hr	1558.9	2117.0	1987.9	2853.4	2397.4	10914.6
N N. 11.1	: hr	11.2	0.0	0.0	0.0	0.0	11.2
Motor Grader	hr	4743.0	8969.8	9100.1	9377.4	7659.2	39848.5
Hand-guide Vib. Roller	hr	1417.6	3081.0	5001.9	6088.4	8222.5	23811.4
Tire Roller	hr	3421.6	7828.7	8111.1	8111.6	7020.5	34493.5
Vibratory Roller (D&T)	hr	1783.6	4096.8	4496.2	4594.6	3540.3	18701.5
Hydraulic Excavator; Wheel	hr	361.4	5.2	20.8	2.3	21.5	411.2
Wheel Loader	hr	4451.9	8321.3	8925.0	10040.5	8432.9	40171.6
Water Tank Truck	hr	912.0	2421.3	2813.3	2540.8	1998.8	10586.2
Dump Truck	hr	33103.2	63691.0	71093.1	80180.8	72631.5	320699.6
Flat Bed Truck with Crane	hr	3310.9	7002.7	7215.5	6842.7	7097.9	31469.7
Flat Bed Truck	hr	7505.7	20311.5	21207.1	21505.5	20793.6	93323.6
Portable Crusher/Screening	hr	1221.3	2388.4	2629.9	2750.3	2576.0	11765.8
Concrete Hixer	ħr	57.0	74.0	408.7	57.1	307.9	905.5
Water Pump	hr	42.3	59.7	972.7	46.7	565.0	1686.4
Concrete Vibrator	hr	12.8	29.8	62.3	25.8	59.9	190.4
Asphalt Sprayer	ħr	1694.4	4420.7	5001.6	5334.4	4569.3	21020.4
BOUR :							
Handur	man day	4447.1	9137.4	10177.6	10791.9	11021.6	45575.6
Skilled Labourer	aan day	1997.1	5962.4	7205.0	7804.0	9601.9	31570.4
Carpenter	man day	57.5	727.3	614.B	325.9	331.9	2057.4
Hason	man day	73.7	75.3	480.0	52.2	364.9	1016.0
Labourer	san day	47194.9	96566.7	106983.7	115337.0	120649.0	486731.3
Driver	man day	9297.5	16725.8	18320.4	19844.6	18253.2	81431.5
Operator	man day	4100.9	7507.7	7991.3	8699.8	7415.5	35715.2
TERIAL :							
Bi tuaen	1	420688.3	1064586.5	1201555.4	1327251.6	1167968.1	5182049.9
Asphalt Oil	1	56716.6	153920.8	176721.6	181503.2	153791.6	722653.0
Kerosene	1	02715.8	216084.0	245861.5	262676.6	227341.2	1034679.1
Sand	a 3	1026.0	2672.2	3413.8		3568.0	14214.4
Cenent	bag	215.5	461.1	1115.8	396.8	1027.3	3216.5
River Stone	£ã.	73.7	75.3	539.4	52.2	394.0	1133.6
Steel Houlds	set	0.0	0.0	0.0	0.0	8.0	8.0
Ti∎ber	# 3	4.4	64.3	51.0	27.8	26.2	173.7
Paint	1	17.4	360.4	155.6	173.7	57.7	772.8
Reinforcing Steel	kg	1005.0	2374.1	13702.6	2006.1	10113.2	29201.0
Tying Hire	kg	9.1	21.5	124.4	18.1	91.8	264.9 535439.4
Equivalent Royalty	= 3	50529.8	116741.5	131709.8	130027.2	106351.1	131437.4

Appendix A-5

CONSTRUCTION AND MAINTENANCE COSTS FOR ALL PROPOSED ROAD LINKS (CONSTRUCTION)

PROV : LAMPUNG KAB : LAMPUNG TENGAH (1000 Ro) UNIT (1988) (1989) (1990) (1991) (1992) (TOTAL) 经基础 医重有 化苯丙基 自然 化物工作 化化合物 化聚合物 医皮肤 医皮肤 经收益 化氯磺胺 医电子 EQUIPMENT : 348,872 657,936 722,819 801,945 662,723 3,194,295 Bulldozer/Ripper 15312 23,916 32,479 30,498 43,776 36,780 167,449 Swamp Bulldozer 11268 126 0 0 0 0 126 Motor Grader 13098 39,500 72,935 79,464 86,449 68,214 345,462 Hand-quide Vib. Roller 1459 197 293 994 216 1,010 2,710 Tire Roller 10398 17,618 45,966 52,006 55,467 47,511 219,569 Vibratory Roller (D&T) 6543 12,978 26,805 29,418 29,997 23,164 122,362 Hydraulic Excavator; Wheel 12265 4,432 63 255 5,041 28 263 Wheel Loader 16202 61,8B6 114,065 123,501 141,294 114,996 555,742 Water Tank Truck 3,399 3727 9,024 10,485 9,469 7,076 39,453 Dump Truck 5091 255,816 136,168 278,197 307,455 252,370 1,230,006 Flat Bed Truck with Crane 4849 237 914 2,716 354 1,865 6,086 Flat Bed Truck 3183 6,585 17,073 19,786 20,513 18,025 01,982 Portable Crusher/Screening 38,238 12369 73,802 83,458 76,546 80,229 372,273 Concrete Nixer 8135 374 421 3,143 279 2,322 6,539 Hater Pump 447 13 16 424 10 242 705 Concrete Vibrator 294 0 i 11 0 11 23 Asphalt Sprayer 1892 3,205 8,363 9,463 10,092 8,645 39,769 LABOUR : 40,163 B4,363 94,558 95,605 86,932 401,621 Kandur 1750 7,982 6,141 7,001 6,970 6,315 29,409 Skilled Labourer 1750 1,793 7,123 6,152 5,778 6,640 27,486 Carpenter 2250 1,371 1,108 3,295 370 442 Hason 165 2250 169 1,080 117 2,351 B20 21,734 44,164 49,713 50,757 Labourer 1500 47,523 213,891 16,972 8,519 18,764 20,253 81,349 Driver 1600 16,841 Operator 1500 4,966 8,906 9,769 10,986 9,213 43,840 HATERIAL : 203,841 532,732 617,552 634,967 558,053 2,547,145 122,743 311,599 348,802 382,137 330,059 1,495,340 Bituaen 300 45,373 123,136 141,377 145,202 123,033 578,121 800 Asphalt Oil 53,301 60,385 64,184 54,952 253.1B0 20,358 Kerosene 250 10,846 13,357 12,608 11,453 52,270 4,006 5000 Sand 3,159 254 2,800 6,928 216 499 4000 Cesent 4,038 371 2,755 8,500 557 564 River Stone 7500 0 0 56 Û 0 Steel Houlds 7000 12 6,624 4,968 1,776 1,860 15,240 120000 Timber 827 205 269 19 1,400 0 Paint 2500 21,572 176 645 12,027 293 9,431 1000 Reinforcing Steel 7500 12 43 819 19 574 1,467 Tying Wire 250 10,393 24,648 28,335 27,834 168,12 113,071 Equivalent Royalty

CONSTRUCTION AND MAINTENANCE COSTS FOR ALL PROPOSED ROAD LINKS (MAINTENANCE)

PROV : LAMPUNG KAB : LAMPUNG TENGAH UNIT (1988) < 1989 > < 1990) (1991) < 1992 > < TOTAL > EQUIPMENT : 138,143 201,677 292,346 305,462 317,428 1,335,056 Bulldozer/Ripper 0 0 0 15342 - 0 . 0 . 0 Snamp Bulldozer 11268 Ø 0 0 Notor Grader 13098 22,622 40,728 32,105 44,637 36,375 176,467 Hand-guide Vib. Roller 1459 1,871 4,201 6,302 8,666 10,986 32,026 17,959 28,877 25,487 Tire Roller 10398 35,436 32,332 140,091 0 0 0 Vibratory Roller (D&T) 6543 0 0 . . 0 Hydraulic Excavator; Wheel 0 0 0 0 12265 0 0 21,101 95,112 Wheel Loader 16202 10,242 20,756 21,381 21,632 Water Tank Truck 3727 0 0 0 -0 - 0 0 Dump Truck 5091 32,359 68,434 83,737 100,744 117,396 402,670 32,552 Flat Bed Truck with Crane 4849 15,814 33,041 32,271 32,825 146,505 47,938 Flat Bed Truck 3183 23,671 47,578 47,716 48,160 215,063 28,912 Portable Crusher/Screening 42369 13,507 27,391 27,963. 28,455 128,228 182 Concrete Nixer 8135 89 197 181 185 824 10 Water Pusp 447 4 10 9 10 43 294 Concrete Vibrator 3 ь 6 Ь 27 1892 0 Asphalt Sprayer ٥ Ũ 0 LABOUR : 61,605 126,733 140,095 155,587 170,272 654,292 Handur 1750 4,799 9.848 10,809 11,915 12,972 50,343 Skilled Labourer 1750 1,701 3,793 5,485 7,504 9,274 27,757 2250 124 265 274 362 304 1,329 Carpenter 2250 . 0 0 Kason 0 1500 49,057 100,685 110,762 122,247 133,450 516,201 Labourer 1600 9,700 10,548 11,497 12,363 48,936 Driver 4,740 1,909 9,726 Operator 1500 1,184 2,354 2,217 2,062 HATERIAL : 7,232 19,922 25,413 32,144 37,937 124,548 16,038 Bituaen 300 3,462 7,776 11,664 20,331 59,271 Asphalt Oil 800 0 0 0 0 .0 0 250 320 720 1,080 1,485 1,002 5,487 Kerosene 5000 1,123 2,515 3,711 5,064 6,387 18,800 Sand 1,345 1,303 1,333 1,308 5,934 Cement 4000 645 0 0 Û 0 0 River Stone 7500 0 0 0 Steel Houlds 7000 0 0 0 1,560 1,284 120000 516 1,092 1,152 5,604 limber 164 527 Paint 2500 43 . 93 103 124 1,712 1000 829 1,681 7,625 Reinforcing Steel 1,728 1,675 lying Hire 7500 56 117 LIA 811 114 517 **Equivalent Royalty** 250 2,238 4,536 4,611 4,672 4,726 20,783

CONSTRUCTION AND MAINTENANCE COSTS FOR ALL PROPOSED ROAD LINKS (TOTAL)

PROV : LAMPUNG KAB : LAMPUNG TENGAH (1000 Rp) UNIT (1988) (1989) (1990) (1991) (1992) (TOTAL) EDUIPHENT : 497,015 939,613 1,015,165 1,107,407 980,151 4,529,351 Bulldozer/Ripper 15342 23,916 32,479 30,498 43,776 36,780 167,449 Swamp Bulldozer 11268 126 0 0 0 0 126 Motor Grader 13099 122,824 62,122 117,472 119,192 100,319 521,929 Hand-quide Vib. Roller 1459 2,068 4,494 7,296 8,882 11,996 34,736 Tire Roller 10398 35,577 81,402 84,338 94,344 72,998 358,659 Vibratory Roller (D&T) 6543 12,978 26,805 29,418 29,997 23,164 122,362 Hydraulic Excavator: Wheel 12265 4,432 63 255 263 20 5,041 Wheel Loader 16202 72,129 134,821 144,602 162,675 138,628 650,854 Nater Tank Truck 3727 3,399 9,024 10,485 9,469 7,076 39,453 Dump Truck 5091 168,527 324,250 361,934 408,199 369,766 1,632,676 Flat Bed Truck with Crane 4849 16,053 33,955 34,987 33,179 34,417 152,591 Flat Bed Truck 3183 30,256 64,651 297,045 67,502 68,451 66,185 Portable Crusher/Screening 42369 51.745 101,193 111,421 125,001 109,141 498.501 Concrete Nixer 8135 463 2,504 609 3,324 464 7,363 Water Pump 447 - 17 26 433 20 252 748 Concrete Vibrator 294 3 7 17 6 17 50 Asphalt Sprayer 1892 3,205 8,363 9,463 10,092 8,645 39,768 LABOUR : 101,768 211,096 234,653 251,192 257,204 1,055,913 Handur 1750 7,781 15,989 17,810 10,885 19,287 79,752 Skilled Labourer 1750 3,494 10,433 12,608 13,656 15,052 55,243 Carpenter 2250 128 1,636 1,382 732 746 4,624 1,080 2250 165 169 117 820 2,351 Mason 180,973 70,791 144,849 160,475 173,004 730,092 Labourer 1500 29,204 130,285 13,259 26,760 29,312 31,750 Driver 1600 11,986 11,260 13,048 11,122 53,566 Operator 1500 6,150 552,654 642,965 667,111 595,890 2,671,693 HATERIAL : 213,073 398,175 319,375 360,466 350,390 1,551,611 300 126,205 Ditumen 141,377 145,202 123,033 578,121 123,136 Asphalt Oil 800 45,373 61,465 65,669 56,834 258,667 20,678 250 54,021 Kerosene 13,361 17,069 17,672 17,840 71,070 5000 5,129 Sand 1,814 4,462 1,587 4,108 12,852 198 Ceaent 4000 552 564 4,038 391 2,955 8,500 River Stone 7500 7000 0 0 0 0 54 56 Steel Houlds 6,120 3,336 3,144 20,844 120000 528 7,716 liaber 143 1,927 13 920 398 433 2500 Paint 13,702 2,005 10,112 29,197 1,005 2,373 1000 Reinforcing Steel 933 135 688 1,984 7500 98 160 Tying Wire 32,946 32,506 29,184 26,587 133,854 250 12,631 Equivalent Royalty

Appendix A-6 QUANTITIES OF BRIDGE ON PROPOSED ROAD LINKS

	PROV	1	: l	AMPUNG	Ki	AB	: LA	MPUI	NG TE	NGAH					
LINK	BRIDGE NAME	Ka	From	<< TYPE >> (EXIST) (NEW		SPAN CLASS	LENGTH	SPAN NO (no)	SPAN LENGTH (a)	#1D1H (#)	AREA (EXIST) (#2)	AREA (NEN) (n2)	PIER (no)	1	ROAD CLASS
149	N.HERINGGAI N.HERINGGAI II		LBNS	KB KB	and and year out and all the last		8.00 8.00	1	8.00 8.00	4.90 4.90	39.20 39.20		0	2	1110-2
188	NAY PENET	2	LBRT	КВ .			12.00	!	12.00	8.00	76.00		0	2	. 1119-1
172	TANDANG BESI THB.BESI ATAS	l 2		TN KB	lot	(C)	6.00 6.00	1 1	6.00 6.00	4.00 6.00		24.00	0	2	IIIB-I
175	IRIGASI	11	STHL	KB			20.00	2	10.00	4,90	98.00		1	2	111A

\mathbf{p}	R.	M.

KO Tink	BRIDGE NAME	Ku		(EXIST)	(NEK)	LOAD	CLASS	LENGTH (a)	NO (no)	SPAN Length (a)	(n)	AREA (EXIST) (92)	(NEH) :	(no)		ROAD CLASS
50	N. SEKAMPUNG N. SEKAMPUNG	ÿ	HTRO HTRO	6B LL	RC	BH50		11.00	} 1	11.00	4.90	53.90 22.00	49.50	0	2 2	1114
59		2	YSD YSD	KB K8	M C (1) 11 12 14 14	**********	******	18.00 7.00	2 1		8.00 5.00	144.00 35.00	© († ⊕ ⊕ , ∞ ∞ ∞	i 0	2 2	HIA
60	N.1 J.TJB.KESUHA		PRLG PRLG	KB KB	k — • = • •		* 6* Hu +	6.00 8.00	 ! !	8.00 B.00	4.50 8.00	27.00 61.00				1110-2
61	HAYANDA W. TULUS BRAJA		ONKY DHNY	KB KB		******		4.00 10.00	\ 	4.00 10.00	1.90 1.90	19.60 49.00		0	2	1114
62	WAYNAYO	3	KLRJ		RC	BH50	(E)	15.00	1	15.00	1.50	0,00	67.50	0	2	IIIA
64	H. I BANJAR AGUNG N. I	3	BJAG BJAG BJAG	KK K8 K8	*******			5.00 5.00 7.00	i i	5.00 5.00 7.00	4.90 4.90 4.90	24.50 24.50 34.30		0	? 2 2	IIIA
65	MAY GUNEH N.I	?	JIOT	KB	RC	BKSO	(C)	8.00 6.00	 	8.00 6.00	4.90 4.50	39.20 0.00	27.00	0	2	IIIA
. 69	JENB. IRIGASI	Ь	JIDI	КB				8.00	l	8.00	4.00	32.60		0	7	1118-1
96	N.TANGGULANGIN N.PAGARYOJO N.PAGARREJO	7	PGGR PGGR PGGR	68 KK KK				5.00 9.00 10.00	! 3 3	5.00 3.00 3.33	4.00 5.00 5.00	20.00 45.00 50.00		0 2 2	2 2 2	IIIA
100	WAY BATU III W.PUTRA AJI II WAY BATU I	3	TJKR TJKR TJKR	KB KB KB		. ~ ~		8.00 7.00 8.00] 	8.00 7.00 8.00	4.90 4.90 4.90	39.20 34.30 39.20		0 0 0	2 2 2 2	IIIA
	NAY BATU		TJKR	KB				8.00	l 	8.60	4,90	39.20		0	2	
102 	J.BEIOHANO	2	RIOK	KB				7.00	<u> </u>	7.00	4.90	34.30		0	2	AIII
103	MAY GAYO GEHBIRIGASI HAY NAYO HAY GAYO IRIGASI	19 19 23	SHRY SHRY SHRY SHRY SHRY	K9 KB KB KB				10.00 13.00 8.00 6.00 13.00	1 1 1	10.00 13.00 8.00 6.00 13.60	4.90 4.90 4.90 4.90 4.90	49.00 63.70 39.20 29.40 63.70		0 0 0 0	? ? ? ? ?	. 1118-2
107	WAY BAYO N.1	6	DNAR DNAR	K8 68				15.00 6.00	3 1	5.00 6.00	1.00 1.00	60.00 24.00		2	5	IIIA
111	DOAG KAKAT.W		KRED	KB				7.00	1	7.00	4.90	34.30		0	2	1118-1
112	NAY ARENG	5	HIA	K8				12.00	 	12.00	8.00	96,00		0	2	1118-1
119	HUA MUAUI	12	SPAG	LL				8.00	1	8.00	4,00	32.00		0	2	THA
123	ANAK W.ARENG	2	HGKL	K8				7.00	1	7,00	4,90	34.30		0	2	LIIA
	NIRWAHA	?	RGH		18	101	(C)	7,00		7.00		0.00	20.00	0	?	1118-1
130	N. 1	2	JPPS	KB				7.00	1	7.00	4.90	34,30		0	2	111B-1

PROV : LAMPUNG

KAB : LAMPUNG TENGAH

NO TNK	BRIDGE NAME	K≞	From	(TYF)				(e)	SPAN NO (no)	SPAN LENGTH (#)	HIDIH (m)	AREA (EXIST) (#2)	AREA (NEW) (#2)	PIER (no)	(no)	ROAD CLASS
 [NAY LANGSEP	· 2	KLRJ	. КВ				15.00	1	15.00	8.00	120.00		0	2	HIC
•	HAY LANGSEP		KLRJ	KB				7.00	i	7.00	8.00	56.00		ŏ	. 2	
	N. DTG. BESI I		KLRJ	KB				6.00	1	6.00	8.00	48.00		0	2	
	W.BIG.BESI II		KLRJ	K8				6.00	i	6.00	8.00	48.00		0	2	· ·
2	N.BYG.BEST III	2	KLDD	KK		*****	₩ ₩ ₩ 32. 00. 00. 0	6.00	1	6.00	1.00	24.00		0	2	1(10-
3	TEXAYA	3	SUAG		· TN	101	(C)	35.00	5	7.00	4.60	0.00	140.00	4	2	1110
	KALIMANIS	2	SDAG	KB				4.00	;	4.00	5.00	20.00		0	2	
4	N.I	2	SONT	KB				5.00	•	5.00	5.00	25.00		0	2	1110-1
	A.W.LANGSEP	3	SDAT	KK				7.00	2	3,50	5.00	35.00			2	
7	W.TIPOBOLAK		BGRO	· K8			٠	7.00	1	7.00	4.90	34.30		. 0	2	1111
	W.TIPOHUNIK W.TIPOBOLAK	 5	86RO 86RO	KB KB				8.00 9.00	i	8.00 9.00	4.90 4.90	39.20 44.10		0	2	
15	WAY BUNUT		RTED	KB			****	10.00	<u>1</u>	10.00	4,90	49.00		 Q		111A
16	WAY RAHAN	2		KB				6,00	<u>i</u>	6.00	4.90	29.40		0	2	1118-
	API/AUAUIG											SO no		۰		 111A
20	SEKAHPUNG SEKAHPUNG	8	KBH KBH	KB KB				12.00 11.00	1	12.00 11.00	4.90 4.90	58.80 53.90		0	2	1111
29	IRIGASI	3	BJAS	KB				8.00	1	8.00	4.90	39.20		0.	2	1118-
30	BATANGHARI	4	BJSR	K8				12.00	1	12.00	4.70	58.80		0	2	1118-
34	W. BATANSHARI	2	BAI	К9				6.00	I	6.00	4.20	25.20		0	2	. 111A
36	BATANGHARI	1	61A6	K8				10.00	1	10.00	9.99	99.90		0	2	1118-
	IRIGASI	i	6JAG	KB			•	10.00	i	10.00	9.99	99.90		0	2	
	W.BATANGHARI	3	GJAG	KB				10.00	1	10.00	9.99	99.90		0		
38	WAY ANDA	3	₿LS	KB				7.00	i	7.00	4.90	34.30		0	2	111A
	WAY PUNGGUR	7	8LS	K8				8.00	1	8.00	4.90	39.20		0	. ?	
	RENTANG BAYA	.11	BLS	KB				10.00	3	3.33	4.90	47.00		2	2	
	HANKAR YAK	13	BLS	KB				13.00		13.00	4,90	63,70		0	· 2	
49	18A9181		RCPW	K8		*****		8.00	1	6.00	4.50	27.00		0	?	1118
51	N. T -	6	6DRJ	KB				7.00		7.00	4.90	34.30		0	2	1114
54	MAN BOING	2	STK	KB.				8.00	1	8.00	4.90	39.20		0	2	1114
55	MAY PUNGGUR	3	TIKT	KB				7.00	1	7.00	8.00			0	2	1118-
	HAY PUNGGUR		TIKI	KB				12.00	1	12.00	8.00			0	2	
	A.W.PUNGGUR	6	1181	KB				10.00	2	5.00	4.90	49.00			?	
58	A.W.BATANGHARI	2	MTRO	KÐ	*			8.00	1	5.00	9.99	59.94		0	- 2	HIIA
	WAY BATANGKARI	₹.	HTRO	KB				10.00	i	10.00	9.99	99.90		0	2	

Appendix A-7 CONSTRUCTION AND MAINTENANCE COST OF BRIDGES ON PROPOSED ROAD LINKS

PROV : LAMPUNG KAB : LAMPUNG TENGAH

LINK NO : 1 (1110) LENGTH : 6 Km

11 E H	~	~u	~~~~~~					(Rp
	UNIT	VITTHAUO	LOCAL	COST >>> FOREIGN	(((((Local	COST FOREIGN	· .	>>>> TOTAL
Superstructure (limber;Span 3m;101)	a2	0.00	40,079	. T Pag				
Superstructure (Timber:Span 5m:101)	a2	0.00	44,394	3,539	0	0		
Superstructure (limber;Span 8m;101)	#2	0.00	58,802	3,908	0	0		
Superstructure (Timber;Span 3m;DH50)	e2	0.00	•	5,134	0	. 0		
Superstructure (Timber;Span 5a;8850)	•2	0.00	49,696	4,376	0	. 6		
Superstructure (Timber; Span Ba; 8450)	# 2	0.00	54,255	4,742	0	0		
Superstructure (Concrete; Span 3n; 8850)	#2 #2		69,910	6,003	0	0		
Superstructure (Concrete; Span Sn; 8450)	#2	0.00	40,105	103,551	6	0		
Superstructure (Concrete;Span 8a;8650)	-	0.00	49,858	115,986	()	0		
Superstructure (Concrete; Spanion; BH50)	s7	0.00	51,623	126,328	0	. 0		
Superstructure (Concrete; Spantsa; 8450)	•2	0.00	56,675	143,635	0	0		
Substantian (Grantes Tiskentor)	a 2	0.00	61,652	169,332	0	0		
Substructure (Pier; for Timber; (01)	HU	0.00	349,086	32,844	O	0		
Substructure (Abut; for Timber; 107)	NO	0.00	945,723	154,108	. 0	0 -		
Substructure (Piersfor limber;9850)	ИО	0.00	513,397	48,605	0	0		
Substructure (Abut; for Timber; 8H50)	110	0.00	1,049,576	171,273	0	. 0		
Substructure (Pier; for Concrete; 8850)	NO	0.00	1,524,140	455,692	0	0		
Substructure (Abut; for Concrete; 8H50)	HO	0.00	3,131,466	962,632	ŋ	0		
Demolition of Bridge (Timber-)Timber)	#2	0.00	11,066	1,371	0	Q		
Demolition of Bridge (Timber-)Concrete)	a2	0.00	11,066	1,371	0	0		
Demolition of Bridge (Concrete)	m 2	0.00	74,972	78,195	0	. 0		
laintenance of limber Bridge (New)	m2	0.00	7,257	1,120	0	0		
faintenance of Concrete Bridge (New)	62	0.00	1,676	2,855	0	0		
faintenance of Timber Bridge (Exist)	m2	0.00	6,957	2,400	0	. 0		
faintenance of Concrete Bridge (Exist)	a2	272.00	3,664	2,413	996,608	656,336	1,6	52,9
(Hithout Overhead)	1	DTAL COST	(limber Bridg	e)	0	0		
			(Concrete Bri		0	Ö		
	J.	DIAL COST	lwithout Hain		0	0 ,		
(Overhead : 15%)	1	DTAL COST	(lieber Bridg	e)	0	0		
			(Concrete Bri	dge)	0	0		
•	1	DIAL COST	(without Hain		0	0		

LINK MO : 2 (IIIC) LENGTH : 4 Km

	•						(Rp)
1 1 E N	UNLT	QUANTITY	<<< UNIT	COST >>> FOREIGN	(((((Local	COST FOREIGN	>>>>> TOTAL
Superstructure (Timber:Span 3m:101)	m2	0.00	10,079	3,539	0	. 0	(
Superstructure (Timber:Span 5m:10T)	#2	0.00	44,394	3,700	0	0	
uperstructure (finber;Span 8m;101)	a 2	0.00	58,802	5,134	0	0	
uperstructure (limber:Span 3m;8H50)	a2	0.00	49,696	4,376	0	0	
uperstructure (Timber:Span 5m;8H50)	a 2	0.00	54,255	4,742	0	0	
operstructure (limber:Span Ba;BNSO)	m2	0.00	68,810	6,003	()	0	
uperstructure (Concrete:Span 3m;8850)	a 2	0.00	49, 185	103,551	0	ė (
uperstructure (Concrete;Span 5m;BH50)	s 2	0.00	49,858	115,006	0	. 0	
uperstructure (Concrete;Span 8m;BNS0)	#2	0.00	51,623	126,328	0	Ō	
uperstructure (Concrete:Span10m;BH50)	e2	0.00	56,675	143,635	0	0	
uperstructure (Concrete:Span15m;8K50)	e 2	0.00	61,652	169,392	. 0	0	
ubstructure (Piersfor limber;101)	ND	0.00	349,086	32,844	0	()	
ubstructure (Abut; for Timber; 101)	NO	0.00	945,723	154,108	0	0	
ubstructure (Pier:for Timber;PH50)	HO	0.00	513,397	49,605	0	. 0	
ubstructure (Abut: for Timber: 0M50)	NO	0.00	1,069,576	171,273	Û	. Û	
ubstructure (Pier; for Concrete; DH50)	NO	0.00	1,524,140	455,692	0	0	
ubstructure (Abut: For Concrete: RM50)	NO	0.00	3,131,466	962,632	0	0	
emolition of Bridge (limber-)limber)	e?	0.00	11,066	1,371	. 0	0	
emolition of Bridge (limber-)Concrete)	52	0.00	11,066	1,371	(i	ŋ	•
emolition of Bridge (Contrete)	e2		74,972	78,195	0	ņ ,	
aintenance of Timber Bridge (New)	#2	0.00	7,257	1,120	0	0	
aintenance of Concrete Bridge (New)	s 2	0.00	1,676	2,866	0	0	
aintenance of Timber Bridge (Exist)	e ?	24.00	6.957	2,400	889,881	57,600	224,5
aintenance of Concrete Bridge (Exist)	#?	0.00	3,664	2,413	0	0	
(Without Overhead)		intal Faci	(liøber Brid	ng)	0	. 0	
f without oldings 1		DIRE COST	(Concrete Br		Ď	0	
		IOTAL COST	(without Hai		Ō	Ô	

(Overhead : 15%)	,	IDTAL COST	(limber Brid	ge)	. 0	0	
•			(Concrete Br	idgel	. 0	Ò	
		IDIAL COST	lwithout Hai	ntenance)	0	0	
:							

PROV EMUPUMB.1

KAB : LAMPUNG TENGAH

LIMK NO 3 - (1110)

LENGTH : 5 Km

TEH	<<<<<< LOCAL 0 0 0 0 0 0 0 0	COS1 FOREIGN 0 0 718,760 0	>>>>> TOTAL 0 0 0 8,951,040 0
Superstructure (Timber; Span 3m; 101) #2 0.00 40,079 3,537 Superstructure (Timber; Span 5m; 101) #2 0.00 44,374 3,908 Superstructure (Timber; Span 8m; 101) #2 140.00 58,802 5,136 Superstructure (Timber; Span 3m; 8H50) #2 0.00 47,676 4,376 Superstructure (Timber; Span 5m; 8H50) #2 0.00 54,255 4,742 Superstructure (Timber; Span 8m; 8K50) #2 0.00 68,810 6,003 Superstructure (Concrete; Span 3m; 8H50) #2 0.00 48,165 603,551 Superstructure (Concrete; Span 5m; 8H50) #2 0.00 47,858 115,886	0 0 8,232,280 0 0	0	0 0 8,951,040 0
Superstructure (limber; Span 5m; 10]) m2 0.00 44,394 3,908 Superstructure (limber; Span 8m; 10]) m2 140.00 58,802 5,134 Superstructure (limber; Span 3m; 8HS0) m2 0.00 49,696 4,376 Superstructure (limber; Span 5m; 8HS0) m2 0.00 54,255 4,742 Superstructure (limber; Span 8m; 8HS0) m2 0.00 68,810 6,003 Superstructure (Concrete; Span 3m; 8HS0) m2 0.00 48,165 63,551 Superstructure (Concrete; Span 5m; 8HS0) m2 0.00 49,858 115,886	0 8,232,280 0 0	* '	0 8,951,040 0
Superstructure (limber; Span 5a; 101) n2 0.00 44,394 3,908 Superstructure (limber; Span 8a; 101) n2 140.00 58,802 5,134 Superstructure (limber; Span 3a; 8HS0) n2 0.00 49,696 4,376 Superstructure (limber; Span 5a; 8HS0) n2 0.00 54,255 4,742 Superstructure (limber; Span 8a; 8HS0) n2 0.00 68,810 6,003 Superstructure (Concrete; Span 3a; 8HS0) n2 0.00 48,185 103,551 Superstructure (Concrete; Span 5a; 8HS0) n2 0.00 49,858 115,886	0 8,232,280 0 0	* '	0 8,951,040 0
10 10 10 10 10 10 10 10	0 8,232,280 0 0	* '	0 8,951,040 0
Superstructure (Timber; Span 8m; RMSO) m2 140.00 58,802 5,134 Superstructure (Timber; Span 3m; RMSO) m2 0.00 49,696 4,376 Superstructure (Timber; Span 5m; RMSO) m2 0.00 54,255 4,742 Superstructure (Timber; Span 8m; RMSO) m2 0.00 68,810 6,003 Superstructure (Concrete; Span 3m; RMSO) m2 0.00 49,185 103,551 Superstructure (Concrete; Span 5m; RMSO) m2 0.00 49,858 115,886	0 0 0	* '	0
Superstructure (Timber; Span Sm; 8HSO) m2 0.00 49,696 4,376 Superstructure (Timber; Span Sm; 8HSO) m2 0.00 54,255 4,742 Superstructure (Timber; Span 8m; 8HSO) m2 0.00 68,810 6,003 Superstructure (Concrete; Span Sm; 8HSO) m2 0.00 48,185 (03,551 Superstructure (Concrete; Span Sm; 8HSO) m2 0.00 49,858 115,886	0 0 0	0	0
Superstructure (finber; Span 8m; BKSO)	0	0	0
Superstructure (Concrete; Span 3m; 8)150)	•	ò	
Superstructure (Concrete; Span 3m; B)(50)	•		0
Superstructure (Concrete: Span Sm: 8450) n2 0.00 49,858 115,886		Λ	0
Cupperstructure (Concrete Case Case Case Case Case Case Case Cas	0	ò	0
Super structure (concrete; Span 84; 8050) 62 0.00 51,623 126,328	ō	n	. 0
Superstructure (Concrete; Spanion; BHSO) m2 0.00 56.675 (67.635	Ò	. 0	0
Superstructure (Concrete; Spanisa; PNSO) m2 0.00 81.652 169.392	Ô	ň	0
Substructure (Pier; for Timber; 101) NO 4.00 349,086 32,844	1,396,344	131, 376	1,527,720
Substructure (Abut: for limber: 101) NO 2.00 945,723 154,108	1,871,446	308,216	2,199,662
Substructure (Pier; for Timber; 8850) NO 0.00 513,397 48,605	0	0001210	0
Substructure (Abul; for Timber; 8M50) NO 0.00 1,067,576 171,273	ò	0	0
Substructure (Pier; for Concrete; BHSO) HD 0.00 1.524.140 455.697	0	·	0
Substructure (Abut:for Concrete; RH50) NO 0.00 3,131,466 962.632	ò	ń	0
Resolition of Bridge (Timber->Timber) #2 0.00 11,066 1,371	0	Õ	ó
Demolition of Bridge (Himber-)Concrete) #2 0.00 11,086 1,371	ġ.	ò	ó
Demolition of Bridge (Concrete) e2 0.00 74,972 78,195	0	0	0
Maintenance of Timber Bridge (New) a2 140.00 7,257 1,120	1,015,780	156,800	1,172,780
Haintenance of Concrete Bridge (Hex) •2 0.00 1,676 2,866	0	0	0
Haintenance of limber Bridge (Exist) #2 0.00 6,957 2,400	0	0	
Maintenance of Concrete Bridge (Exist) #2 20.00 3,664 2,413	73,280	48,260	121,540
	11,520,070	1,158,352	12,678,422
(Concrete Bridge)	Ò	0	0
101AL COST (without Haintenance)	11,520,070	1,159,352	12,670,422
(Overhead : 15%) TOTAL COST (Timber Bridge)	13,248,081	1,332,105	14,580,185
(Concrete Bridge)	0	()	0 (1)
•	•	1,332,105	14,580,185

L. (NK NO : 4 (IIIB-1) LENGTH : 4 Km

							(Rp)
1188	UNIT	QUANTITY	<<< UNIT LOCAL	COST >>> FORETCN	(((((L0CAL	COST FORE16N	>>>>> TOTAL
uperstructure (limber;Span 3m;101)	*2	0.00	40,079	3,539	0	0	0
uperstructure (Timber:Span 5m;101)	e2.		44,394	3,908	0	b	. 0
uperstructure (limber;Span 8m;101)	42	0.00	56,802	5,134	0	0 :	G
uperstructure (Timber;Span 3m;8H50)	μŽ	0.00	49,696	4,376	0	0	(
uperstructure (limber;Span 5m;RN50)	a 2	0.00	54,255	4,742	. 0	0 -	. (
uperstructure (limber;Span Bm;RH50)	m2	0.00	68,810	6,003	0	0.	(
uperstructure (Concrete;Span Ja;8X50)	» 2	0.00	48,185	103,551	0	.0	(
uperstructure (Concrete;Span 5#;8H50) -	-2	0.00	49,858	115,006	: ()	0 .	(
uperstructure (Concrete;Span 8m;8H5O)	2	0.00	51,623	126,328	0	. 0	• •
uperstructure (Concrete;Spaniom;BH50)	a2	0.00	56,675	143,635	0	0	• •
uperstructure (Concrete;Span15a;RN50)	s 2	0.00	61,652	169,392	. 0	0 ,	
ubstructure (fier; for Timber; 101)	NO	0.00	349,086	32,844	0	0	. +
ubstructure (Abut;for Timber;101)	NO	0.00	745,723	154,108	0 '	0	
ubstructure (Pier;for Timber;8850)	NO	0.00	513,397	48,605	. 0	. 0	
ubstructure (Abut; for limber; 8H50)	NO	0.00	1,069,576	171,273	ŋ	. 0	
ubstructure (Pier; for Concrete; 8H50)	NO	0.00	1,524,140	455,692	0	- 0	
ubstructure (Abut; for Concrete; BH50)	NO	0.00	3,131,466	962,632	0	. 0	. +
emolition of Bridge (limber->Timber)	e2	0.00	11,066	1,371	0	0.	·
emolition of Bridge (Timber-)Concrete)	s 2	0.00	11,066	1,371	0	0	
emolition of Bridge (Concrete)	a?	0.00	74,972	78,195	0	0	
aintenance of Timber Bridge (New)	#2	0.00	1,257	1,120	0	: 0	
aintenance of Concrete Bridge (New)	62	0.00	1,676	2,866	0	0 -	
aintenance of Timber Bridge (Exist)	42	35.00	6,957	2,400	243,495	84,000	327,47
aintenance of Concrete Bridge (Exist)	#2	25.00	3,664	2,413	91,600	60,325	151,97
(Without Overhead)		TOTAL COST	(Timber Brid	•	0	0	
		total coct	(Concrete Br (without Nai	-	0	9 0	
		IBIUL COST	inituone uar				
(Overhead : ISX)		TOTAL COST	(Ti≢ber Brid	gel	0	0	
			(Concrete Br	idgel	0	0	
		IPON IALOL	(without Hai	ntenance)	0	. 0	

LINK NO : 7 (IIIB-2) LENGTH : 7 Km

							(Rp
ITEN	UNIT	QUANTITY	<<< UNIT	COST >>> FOREIGN	(((((LOCAL	EUST Foreign	
					w=+ ~		
uperstructure (limber:Span 3m;101)	#2	0.00	40,079	3,539	Ú ·	0	
uperstructure (limber:Span Sm:101)	∌?	0.00	44,394	3,908	0	0	
uperstructure (Himber:Span 8m:101)	a2	0.00	58,802	5,134	0	Ò	
uperstructure (Timber; Span 3m; 8M50)	B,	0.00	49,696	4,376	0	0	
uperstructure (limber;Span 5m;BMSO)	#2	0.00	54,255	4,742	0	0	
uperstructure (Timber;Span Bm;RMSO)	m 2	0.00	69,810	6,003	0	0	
uperstructure (Concrete;Span Ja:BNSO)	ลร	0.00	48,185	103,551	Ò	9	
uperstructure (Concrete;Span Sm;BM50)	#2	0.00	49,858	115,006	()	0	
uperstructure (Concrete;Span 8m;BNS0)	a 2	0.00	51,623	126,328	0	Ò	
uperstructure (Concrete;Span10a;BM50)	m2	0.00	56,675	143,635	0	0	
uperstructure (Concrete;Span15a;BHSO)	a 2	0.00	61,652	169,392	0	'n	
ubstructure (Pierifor Timber;101)	RD	0.00	347,086	32.844	0	0	
ubstructure (Abut;for Timber;101)	NO	0.00	945,723	154,108	0	Ô	
ubstructure (Pier; for Timber; 8850)	NO	0.00	513,397	48,605	Ô	0	
ubstructure (Abut; for Timber; BH50)	NO	0.00	1,089,576	171,273	ò	Ô	
ubstructure (Pier; for Concrete; 8H50)	NO	0.00	1,524,140	455,692	o o	Ô	
ubstructure (Abut;for Concrete;BM50)	NO	0.00	3,131,466	962,632	. 0	Ď	
emplition of Bridge (limber-)limber)	a2	0.00	11,066	1,371	Õ	ů.	
emolition of Bridge (Himber-)Concrete)	£ 2	0.00	11,066	1,371	ð	ò	
emolition of Bridge (Concrete)	2	0.00	74,972	78,195	Ô	ó	
aintenance of limber Bridge (New)	я2	0.00	7,257	1,120	0	0	
aintenance of Concrete Bridge (New)	#?	0.00	1,676	7,866	. 0	. 0	
aintenance of limber Bridge (Exist)	# 2	0.00	6,957	2,400	Û	0	
aintenance of Concrete Oridge (Exist)	#Z	117.60	3,664	2,413	430,886	203,768	714,65
(Without Overhead)	1	OTAL COST	(Timber Bridg	e)	0	·	
			(Concrete Dri		9	0	
	1	OTAL COST	(without Hain		0	0 .	
(Overhead : 15%)	-	OTAL COST	(limber Bridg	e)	0	0	
	·		(Concrete Bri		0	0	
*	1	TONG IATO	(without Hain	•	0	0	

: TAMPUNG

KAB : LAMPUNG TENGAH

L,INK NO : 15 (IIIA)

LENGTH : 15 Km

			•		:		(Rp)
1181			TIKU >>>		\\\\\))))))
: "	UNII	QUANTETY	LOCAL	FOREIGH	LOCAL	FOREIGN	. TOTAL
							=.
Superstructure (limber:Span 3m:101)	#2	0.00	40,079	3,539	0	0	Ó
Superstructure (Fieber:Span 5m:101)	e2	0.00	44,394	3,708	0	.0	0
Superstructure (Timber:Span 8m;101)	e2	0.00	58,802	5,134	Ô	0	0
Superstructure (limber:Span 3m;6H50)	e2	0.00	49,696	4,376	. 0	0	0
Superstructure (limber:Span Sm; BNSO)	02	0.00	54,255	4,742	0	0	0
Superstructure (limber:Span 8m;8H50)	m?	0.00	68,810	6,003	. 0	Û	0
Superstructure (Concrete; Span 3m; BNSO)	e 2	0.00	48,185	103,551	ò	. 0	ò
Superstructure (Concrete:Span 5m; BH50)	n2	0.00	49,858	115,886	0	. 0	0
Superstructure (Concrete; Span 8m; 9050)	a 2	0.00	51,623	126,320	Ò	0	0
Superstructure (Concrete; Spanion; DH50)	#2	0.00	56,675	143,635	0	. 0.	0
Superstructure (Concrete; Span15#; BH50)	a2	0.00	61,652	189,392	. 0	Ď	Ċ
Substructure (Pierifor Timberilof)	NO	0.00	349,086	32,844	Ó	ò	· ·
Substructure (Abut; for limber; 101)	NO	0.00	745,723	154,100	Ô	ò	. 0
Substructure (Pierifor finber: 8850)	NO.	0.00	513,397	48,605	Õ	Ů	
Substructure (Abut;for Timber;8850)	NO	0.00	1,069,576	171,273	Ô	·ò	. (
Substructure (Pierifor Concrete;8450)	NO ON	0.00	1,524,140	455,692	Õ	0	. (
Substructure (Abul; for Concrete; 8850)	NO	0.00	3,131,466	962,632	Ô	'n	Č
Desolition of Bridge (Timber->Timber)	#2	0.00	11,066	1,371	è	Ó	
Descrition of Bridge (Timber-)Concrete)	s2	0.00	11,066	1,371	0	ñ	Č
	a2	0.00	74,972	78,195	0	ň	í
Demolition of Bridge (Concrete)	. R./	0.00	14,712	101173	٧	·	`
laintenance of Timber Bridge (Hew)	a 2	0.00	7,257	1,120	0	0	(
laintenance of Concrete Bridge (Hew)	s?	0.00	1,676	2,866	: 0	0	
laintenance of Timber Bridge (Exist)	m2	0.00	6,957	2,400	0	0	
laintenance of Concrete Bridge (Exist)	e?	49.00	3,664	2,413	179,536	118,237	297,77
(Without Overhead)	. 1	OTAL COST	(Timber Brid		0	. 0	
			(Concrete Br	idge)	0	Ó	f
		OTAL COST	(without Hair	ntenancel	. 0	0	1
(Overhead : 15%)	1	OTAL COST	(limber Brid		0	0	
		1.	(Concrete Pr	idae)	0	9.	
			(without Hai		0		

PROV

LAMPUNG

KAD : LAMPUNG TENDAH

TIME NO : 50 (IIIV)

LENGTH : 8 Km

							(Rp
IIFH	UNII	GUANTITY	CCC UNIT	COSI >>> Foreign	((</</th <th>COST Foreign</th> <th>>>>>> 1014</th>	COST Foreign	>>>>> 1014
Superstructure (Timber;Span 3m;10])	a 2	0.00	40,079	1 570			
Superstructure (Timber;Span 5*;101)	b 2	0.00	44,394	3,539	0	0	
Superstructure (lisber:Span 8m;101)	#2	0.00	50,802	3,908	0	0	
uperstructure (limber(Span 3m;8H50)	n2	0.00	19,696	5,134	. 0	0	
uperstructure (limber;Span 5m;BH50)	m2	0.00	54,255	1,376	0	0	
uperstructure (Timber;Span 8m;8850)	#2	0.00	68,810	4,742	9	0	
uperstructure (Concrete;Span 3m;9K50)	m 2	0.00	48,185	6,003	0	0	
uperstructure (Concrete; Span 5±; 81150)	#2	0.00	49,858	103,551	. 0	0	
uperstructure (Concrete;Span 8m;8H50)	62	0.00	\$1,623	115,886	0	0	
uperstructure (Concrete;Span10æ;R850)	n2	0.00	56,675	126,328	. 0	0 .	
operstructure (Concrete;Spani5@;BN50)	#2	0.00	61,652	143,635	0	. 0	
ubstructure (Pier; for Timber; 101)	110	0.00	349,086	169,392	0	0	
ubstructure (Abut; for Timber; 101)	NO	0.00	745,723	32,844 !54,108	0	0	٠.
ubstructure (Pierifor limber(8H50)	NO	0.00	513,391	48,605	0	0	
ubstructure (Abut; for Timber; BMSO)	סא	0.00	1,069,576	171,273	0	0	
ubstructure (Pier;for Concrete;BH50)	NO.	0.00	1,524,140	455,692	. 0	0	
ubstructure (Abut;for Concrete;AH50)	NO	0.00	3,131,166	762,632	ó	8	
emolition of Bridge (limber->limber)	m2	0.00	11,066	1,371	Ö	() ()	
emplition of Bridge (Himber->Concrete)	m2	0.00	11,066	1,371	. 0	Û	
emolition of Bridge (Concrete)	* 2	0.00	74,972	78,195	Ô	0	
aintenance of Tiaher Oridge (New)	* 2	0.00	1,257	1,120	0	0	
aintenance of Concrete Oridge (New)	#2	0.00	1,676	2,866	0	0	
aintenance of limber Bridge (Exist)	#2	0.00	6,957	2,400	Û	Û	-
aintenance of Concrete Bridge (Exist)	e 2	112.70	3,664	2,413	412,932	271,945	684,8
(Hithout Overhead)	1	OTAL COST	(Timber Bridg	e)	0	0	
			(Concrete Bri	dge)	0	Ó.	
	ī	OTAL COST	(without Hain	tenance)	0	0	
(Overbead ; 15%)	1	OTAL COST	(Timber Bridg	e)	0	0	
			(Concrete Bri	dgel	0	Ò	
	1	OTAL COST	(without Main	tenance)	0	0	

LINK NO : 29 (IIIB-1) LENGTH : 6 Km .

						٠.	(Rp)
118#	UNIT	QUANTITY	<<< UNIT Local	COST >>> FOREIGN	(((((Local	COST FOREIGN	>>>>> TOTAL

Superstructure (limber:Span 3m;101)	e 2	0.00	40,079	3,539	0	0 -	0
Superstructure (limber;Span 5a;107)	o2	0.00	44,394	3,908	()	. 0	0
Superstructure (figber:Span 8a;10f)	a 2	0.00	59,802	5,131	0	0	. 0
Superstructure (limber:Span 3m:BH50)	#2	0.00	49,696	4,376	0	0	•. 0
Superstructure (limber:Span 5#:BH50)	p 2	0.00	54,255	4,742	0	0:	0
Superstructure (limber:Span 8m:8850)	mŽ	0.00	018,88	6,003	0	· 0	. 0
Superstructure (Concrete;Span Ja;BMSO)	. •2	0.00	49,185	103,551	. 0	. 0	0
Superstructure (Concrete; Span Sa; 8H50)	# 2	0.00	49,858	115,806	0	0	. 0
Superstructure (Concrete;Span 8m;BN50)	#2	0.00	51,623	126,328	0	0 .	0
Superstructure (Concrete; Span10#; PH50)	#2	0.00	56,675	143,635	0	0	0
Superstructure (Concrete:Span15m;8850)	# 2	0.00	61,652	167,372	0	.0	. 0
Substructure (Pier; for limber; 101)	NO	0.00	349,086	32,844	0	0	. 0
Substructure (Abut:for limber:101)	NO	0.00	945,723	154,108	Û	. 0	0
Substructure (Pier; for limber; 9H50)	NO	0.00	513,397	48,605	. 0	0	0
Substructure (Abut:for limber:8MSO)	Ю	0.00	1,069,576	171,273	. 0	. 0	0
Substructure (Piersfor Concrete; BH50)	NO	0.00	1,524,140	455,692	0	0	0
Substructure (Abut; for Concrete; BM50)	NO	0.00	3,131,466	962,632	0	10	. 0
Demolition of Bridge (limber-)limber)	s 2	0.00	11,066	1,371	0	0	0
Demolition of Bridge (Dimber-)Concrete)	. ₽2	0.00	11,066	1,371	. 0	0	0
Demolition of Bridge (Concrete)	s 2	0.00	74,972	78,195	()	0	. 0
Maintenance of Timber Bridge (New)	a 2	0.00	7,257	1,120	0	0.	0
Maintenance of Concrete Bridge (New)	a 2	0.00	1,676	2,866	0	:0	. 9
Maintenance of Timber Bridge (Exist)	*2	0.00	6,957	2,400	Ó	. 0	0
Maintenance of Concrete Bridge (Exist)	n?	39.20	3,664	2,413	143,628	94,589	238,217
(Without Overhead)		OTAL COST	(Yimber Bridg	jel	0	. 0	0
			(Concrete Bri		0	0	0
	1	OTAL COST	(without Mair	ntenancel	0	()	0
(Overhead : 15%)		intal rnet	(Timber Bride	no1	n	0	()
A NAGINGAR + 194 1		INITE COST	(Concrete Bri	•	g	ó	0
	,	nial roet	(without Hair	,	0	ŏ	Ŏ
	. 1	viur ona:	testilons not		•	•	·

LINE MO : 30 (IHIB-2) LEMBIH : 7 Km

		******					(Rp)
TIEH	TINU	QUANTITY	CCC UNIT	COST >>> FOREIGN	(((((LOCAL	COST FOREIGN	>>>>> TOTAL
Currenteurhaus Hinton Com To (Art							
Superstructure (limber; Span 3m; 101)	a 2	0.00	7.1	3,539	0	0	. 0
Superstructure (Timber; Span 5m; 10T)	n2	0.00	44,394	3,908	0	0	0
Superstructure (Timber; Span 8m; 107)	62	0.00	59,802	5,134	0	0.	Ò
Superstructure (Timber; Span 3m; 81150)	R Z	0.00	49,696	4,376	0	Q.	0
Superstructure (Timber; Span 54;9850)	42	0.00	54,255	4,742	0	9	0
Superstructure (limber:Span On:BHSO)	#2	0.00	68,810	6,003	0	0	0
Superstructure (Concrete;Span 3*;BHSO)	m 2	0.00	48, 195	103,551	0	Ò	0
Superstructure (Concrete;Span 5m;BH50)	n2	0.00	49,858	115,886	Ò		ů 0
Superstructure (Concrete;Span 8a;8H50)	\$ 2	0.00	51,623	126,328	Ò	Û	0.
Superstructure (Concrete;SpantOn;RH50)	- 92	0.00	56,675	143,635	0	0	ν.
Superstructure (Concrete;Span154;BN50)	n2	0.00	61,652	169,392	ò	. 0	n
Substructure (Pierifor limber;101)	NO	0.00	349,086	32,844	Ò	ů	0
Substructure (Abut; for Timber; 191)	NO	0.00	745,723	154,108	Ô	a.	a
Substructure (Fier; for Timber; 19450)	NO	0.00	513,397	48,605	à	Ô	Û
Substructure (Abut;for Timber;PH50)	NO	0.00	1,067,576	171,273	ò	0	. 0
Substructure (Pier; for Concrete; BM50)	NO	0.00	1,524,140	455,692	. 0	ō	Ô
Substructure (Abut; for Concrete; BMSO)	NO	0.00	3,131,466	962,632	0	0	ò
Desolition of Oridge (limber->limber)	e 2	0.00	11,066	1,371	0	0	ò
Demolition of Bridge (Himber-)Concrete)	#2	0.00	440,11	1,371	0	0	Ď
Demotition of Bridge (Concrete)	42	0.00	74,972	78,195	. 0	0	ò
Maintenance of Timber Bridge (New)	* 2	0.00	1,251	1,120	0	0	9
Maintenance of Concrete Bridge (New)	# 2	0.00	1,676	2,866	0	0	0
Maintenance of Timber Bridge (Exist)	#2	0.00	6,957	2,400	Ü	. 0	0
Maintenance of Concrete Bridge (Exist)	n ?	58.80	3,664	2,413	215,443	141,884	357,327
(Without Overhead)		OTAL COST	(Timber Bridg	e)	0	0	
			(Concrete Bri		0	0	9
	1	OTAL COST	(without Hain		0	, O	0
(Overhead : 15%)	1	OTAL POST	(Timber Bridg	p)	0	0	0
1 Officed 1 104 /		0.11C 0001	(Concrete Bri		ŏ	Õ	Ô
•			(without Main	•	Ď	Ô	Ò

LINK NO : 34 (IIIA) LENGTH : 9 Km ...

				•			(Rp)
1 T E H	UNIT	QUANTITY	CCAL COCAL	CUST >>> FOREIGN	(((((LOCAL	COST FOREIGN)>>>> TOTAL
Superstructure (limber Span 3m;101)	e 2	0.00	40,079	3,539	0	0	٥
Superstructure (Timber:Span Sm:101)	e2	0.00	44,394	3,708	Ŏ	ŏ.	Ô
Superstructure (limber;Span 8m;101)	62	0.00	59,802	5,134	0	0	o
Superstructure (limber:Span Ja:PUSO)	n2	0.00	49,696	4,376	0	0	0
Superstructure Himber(Span Sm:BNSO)	m2	0.00	51,255	4,742	0	0	- 0
Superstructure (lieber:Span 8e;8M50)	= 2	0.00	68,810	6,003	0	0	0
Superstructure (Concrete:Span 3m;9H50)	62	0.00	18,185	103,551	Q	0	0
Superstructure (Concrete;Span 5#;8850)	æ2	0.00	47,858	115,886	0	Q	0
Superstructure (Concrete;Span Bo;8850)	£ 2	0.00	51,623	126,328	0	0	. 0
Superstructure (Concrete; SpanlOm; BM50)	m2	0.00	56,675	143,635	0	0	0
Superstructure (Concrete;Span15#;BHSO)	n2	0.00	61,652	169,392	0	0	0
Substructure (Piersfor Timber;101)	KO	0.00	347.086	32,844	0	0	0
Substructure (Abut: for Timber: 101)	NO	0.00	945,723	154,108	0	Q	1.0
Substructure (Pier;for Timber;BH50)	KO	0.00	513,397	48,805	0	Q	0
Substructure (Abut; for Timber; BMSO)	NO	0.00	1,069,576	171,273	ŋ	. 0	0
Substructure (Pierifor Concrete; 8H50)	NO	0.00	1,524,140	455,692	0	0	0
Substructure (Abut: for Concrete; BH50)	NO	0.00	3,131,466	962,632	9	0	. 0
Demolition of Bridge (Timber-)Himber)	e2	0.00	11,086	1,371	0	0	0
Demolition of Bridge (limber->Concrete)	#2	0.00	11,066	1,371	0	0	0
Demolition of Bridge (Concrete)	2 2	0.00	74,972	78,195	0	Û	0
taintenance of Timber Bridge (New)	e 2	0.00	7,257	1,120	0	0	0.
daintenance of Concrete Bridge (New)	n2	0.00	1,676	2,866	0	0	0
taintenance of limber Bridge (Exist)	s 2	0.00	6,957	2,400	0	Ô	0
Maintenance of Concrete Bridge (Exist)	a 2	25.20	3,664	2,413	92,332	60,807	153,139
(Mithout Overhead)		DIAL COST	(lieber Bridg	je)	0	0	0
- · · · · · · · · · · · · · · · · · · ·			(Concrete Bri		0	0.	0
	1	DIAL COST	(without Mais	rtenance)	0	. 0	0
1 familiary - 154)		ntal coet	(Timber Bride		0	n	0
(Overhead : 15%)	'	UINC 1031	(Concrete Bri		0	g	0
			CONTRACT OF	iuger	v	9	٧

LENGTH: 9 Km

							(Rp
ITEN	unt	VI I TRAUG	<<< UNIT	COST >>> FOREIGN	CCCCC LOCAL	COST FOREIGN	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
		*******				1 000 1110	
uperstructure (limber:Span 3m;[0])	a 2	0.00	40.035				
unerstructure (Timber;Span 5m;101)	B?	0.00	40,079	3,537	0	()	
uperstructure (Timber:Span 8m;10])	#2	0.00	44,394	3,908	Q	Û	
uperstructure (limber:Span 3m;8H50)	æ?	0.00	58,802	5,134	0	0	
uperstructure (Timber;Span 5a;8M50)	a2	0.00	49,696 54,255	4,376	Ç	0	
uperstructure (limber;Span Bo;BHSO)	ก2	0.00		4,742	Ú.	. 0	
uperstructure (Concrete;Span 30:8850)	e2	0.00	6B,810	6,003	. 0	0 .	
uperstructure (Concrete Span Sa: 8850)	s 2	0.00	48,185	103,551	Ģ.	Ó	
uperstructure (Concrete:Span Ba:28150)	#2		49,858	115,886	0	Q.	
uperstructure (Concrete(Spanion(BH50)	#2 #2	0.00	51,623	126,328	0	0	
uperstructure (Concrete:Spanisa;8850)	. #2	0.00	56,675	143,635	0	, , 0	
ubstructure (Pier; for limber; 101)		0.00	61,657	169,397	Ú	0	
ubstructure (Abut; for Timber; 101)	NO.	0.00	349,086	32,844	0	0	
ubstructure (Pier;for limber;RH50)	NO NO	0.00	945,723	154,108	0	. 0	
ubstructure (Abutifor Timber;RMSO)	110	0.00	513,397	48,605	0	0	
ubstructure (fierifor Concrete;8850)	NO NO	0.00	1,067,576	171,273	0	1)	
ubstructure (Abutifor Concrete;8850)		0.00	1,524,140	455,692	0	0	
emolition of Bridge (Timber-)Timber)	NO #2		3,131,466	962,632	ŷ.	0	
emolition of Bridge (limber-)Concrete)	_	0,00	11,066	1,371	0	0	
emolition of Bridge (Concrete)	#2 #2	0.00	11,066	1,371	0	0	
sauttitut of ottode concretet	#2	0.00	74,972	78,195	0	0	
aintenance of Timber Bridge (New)	s 2	0.00	7,257	1,120	0	0	
aintenance of Concrete Pridge (New)	a?	0.00	1,676	2,866	. 0	0	
aintenance of Timber Bridge (Exist)	æ2	0.00	6,957	2,400	0	0	
aintenance of Concrete Bridge (Exist)	- ■2	299.70	3,664	2,413	1,098,100	723,176	1,821,2
(Without Overhead)		niai cost	(Timber Bridg	p}	. 0	0	********
i nithout dicinedu /	•	TIME COST	(Concrete Bri		0	0	
•	1	DIAL COST	(without Hain		Ď	Ď	
(Overhead : 15%)	1	OTAL COST	(Timber Bridg		0	0	
			(Concrete Bri	•	0	0	
		DIAL COST	Iwithout Main	tenance)	0	()	

LINE NO : 38 CITIA) LENGTH : 17 Km

					1.50		(Rp)
1 E N	UNIT	QUANTLIY	<<< UNIT	COST >>> FOREIGN	(((((1.0CAL	CUST FOREIGN	>>>>> TOTAL
7 1011	- 1		40.000	2 570	0	. 0	
Superstructure (limber;Span Ja;101)	#2 -2:	0.00	40,079	3,539	0	0	
Superstructure (Fisher; Span Sa; 101)	æ?∶ -n	*	44,394	3,908 5,134	. 0	o o	(
Superstructure (Timber; Span Bm; 101)	κ <u>?</u>	0.00	58,802 49,696	4,376		. 0	,
Superstructure (limber; Span 3m; 8H50)	#2 2	0.00		1,742	, , , , , , , , , , , , , , , , , , ,	. 0	
Superstructure (limber:Span Sm:28150)	#2	0.00	51,255 68,810	9'002	0	. 0	
Superstructure (limber; Span 8m; 8H50)	я́2 - Э	0.00		•	. 0	0	
Superstructure (Concrete; Span Je; 8450)	a۷	0.00	48,185	103,551	. 0	0	
Superstructure (Concrete; Span 5m; 8050)	n?	0.00	49,858	115,086	Ų Ú	. 0	·
Superstructure (Concrete; Span Ba; 8850)	ΨŽ	0.00	51,623	126,328	0	0	
Superstructure (Concrete; Span Lon; RHSO)	20	0.00	56,675	143,635	•	0	
Superstructure (Concrete;Span15a;BM50)	45	0.00	61,652	169,392	. 0		
Substructure (Pier: for lieber: 101)	OX	0.00	349,086	32,844	0	0	
Substructure (Abut; for limber; 101)	NO	0.00	945,723	151,108	0	0	
Substructure (Pier; for limber; PM50)	NO	0.00	513,397	48,605	0	0	
Substructure (Abut; for Timber; BHSO)	NO	0,00	1,069,576	111,773	0	0	
Substructure Pier; for Concrete; BHSO)	KU	0.00	1,524,140	455,677	. 0	0	
Substructure (Abut:for Concrete;RH50)	NO	0.00	3,131,466	695'935	0	0	
Demolition of Bridge (Yimber-'Yimber)	6?	0.00	11,066	1,371	0	. 0	
Repolition of Friday Parting November	• :	5.63	11,233	1,311	:		
Pewalition of Bridge (Contrete)	#2	0.00	71,972	78,195	Ű	(I	
Maintenance of limber Bridge (Next	62	0.00	1,257	1,120	0 .	Đ.	
Haintenance of Concrete Bridge (New)	#2	0.00	1,676	2,866	0	0	
laintenance of fi⊗ber Bridge (Exist)	# 2	0.00	6,957	2,400	0	0	
daintenance of Concrete Bridge (Exist)	# 2	195.20	3,664	2,413	682,236	449,300	1,131,53
(Without Overhead)	· I	nial cost	(Timber Bridg	ip)	0	0	
THE THE STATE OF T	•		(Concrete Bri		ő	ò	
	1	DTAL COST	(without Main		Ŏ	ŏ	
(Overhead : 15%)			(Timber Bridg (Concrete Bri (without Mair	dge)	0 0 0	0 0 0	

LINE HO : 47 (IIIA) LENGTH : 9 Km

1 T E H			(((UNIT	COST >>>))))))		
	TIKU	GNAMILIA	LOCAL	FOREIGN	LOCAL	COST Føre (Gn	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
uperstructure (limber(Span 3@;10T)	a 2	0.00	40,079	1 570			
uperstructure (Timber;Span Sm:101)	a?	0.00	44,394	3,539	0	0	
operstructure (Fimber;Span Bo;101)	s2	0.00	58,802	3,900	0	0	
uperstructure (limber;Span 3m;BM50)	s2	0.00	19,696	5,134	0	ø	
uperstructure (lieber; Span Sa; 8H50)	n2	0.00	54,255	4,376	0	0	
uperstructure (limber;Span Ba;BMS0)	n2	0.00	•	4,742	0	0	
uperstructure (Concrete;Span 3#;BHS0)	n2	0.00	018,86	6,003	0	0	
Superstructure (Concrete;Span 5m;8850)	a2	0.00	48,185	103,551	0	0	
uperstructure (Concrete;Span 8m;PN50)	02	0.00	49,858 51,623	115,888	0	0	
uperstructure (Concrete; Spanioa; 8050)	*2	0.00	56,675	126,328	0	0	
uperstructure (Concrete;Span1Sa; 2H50)	62	0.00		143,635	0	Û	
ubstructure (Piersfor Timber; 197)	NO NO	0.00	61,652	169,392	0	Û	
ubstructure (Abut; for Timber; 101)	NO NO		349,086	32,844	Ç	. 0	
hubstructure (Pier:for Timber:19850)	NO NO	0.00	945,723	154,108	Ú	0	
ubstructure (Abut; for Timber; 8850)		0.00	513,397	48,605	0	0	
ubstructure (fier; for Concrete; PHSQ)	HO	0.00	1,069,576	171,273	0	0	
ubstructure (Abut; for Concrete; BMSO)	NO	0.00	1,524,140	455,692	0	Û	
	NO	0.00	3,131,466	962,632	0	0	
emolition of Bridge (Timber->Timber)	a2	0.00	11,066	1,371	0	Û	
emolition of Bridge (Timber-)Concrete)	n2	0.00	11,066	1,371	0 .	9	
emulition of Bridge (Concrete)	#2	0.00	74,972	70,195	0	0	
aintenance of Timber Bridge (New)	e 2	0.00	7,257	1,120	0	n	
aintenance of Concrete Bridge (New)	92	0.00	1,676	2,866	(1	0	
aintenance of limber Bridge (Exist)	a2	0.00	6,957	2,400	0	0	
aintenance of Concrete Bridge (Exist)	a?	27.00	3,664	2,413	98,928	65,151	164,07
(Without Overhead)	1	OTAL COST	(Timber Bridg	e)	0	0	
		0001	(Concrete Bri		ů	ń	
•	Ţ	DIAL COST	twithout Main		0	0	
(Overhead : 15%)	1	 1201 1010	(Tigber Bridg	n	0	0	
. Suscinces 5 305 /	11	DIEC LUBI	(Concrete Bri		Ó	0	
and the second s	_		(without Main	•	0	0	

PROV : LAMPUNG

KAB : LAMPUNG TENGAH

LINE NO : 51 (LIIA)

LENGTH : 10 Km

<<< UNIT COST >>> (((((CDST 1181 TOTAL LOCAL FOREIGN LOCAL FOREIGN VIITHAUD TIKU Superstructure (limber: Span 3m; 101) 47 0.00 40,079 3,539 () 0 0 0 3,908 Superstructure (limber:Span Sm:101) 0.00 44,391 5,134 0 0 0.00 58,802 Superstructure (limber:Span 8m;101) 62 0 Superstructure (Limber: Span Ja: BNSO) 0.00 49,696 4,376 a2 Superstructure (Timber: Span 5m; 8H50) 0.00 54,255 4,742 ø 62 6,003 Superstructure (Timber:Span Bm; BMSO) 0.00 018,83 0 Superstructure (Concrete; Span 34; 8M50) 103,551 B2 0.00 48,185 115,886 Superstructure (Concrete:Span 5m; BH50) 0.00 49,858 ₽2 126,328 0 Superstructure (Concrete:Span Ba:BM50) 0.00 51,623 92 Ô Superstructure (Concrete; Span10m; RM50) 0.00 56,675 143,635 **a**2 169,392 Superstructure (Concrete; Span15e; 9H50) **a**2 0.00 61,652 Substructure (fier; for Timber; 101) NO 0.00 349,086 32,844 0 Substructure (Abut; for fieber; 101) 945,723 154,108 И 0.00 Substructure (Fiersfor Timber(8H50) 48,605 ИO 0.00 513,397 Substructure (Abut; for Timber; BH50) 171,273 O NO 0.00 1,069,576 Substructure (Piersfor Concrete: BH50) NO 0.00 1,524,140 455,692 Substructure (Abut: for Concrete: 8M50) NO 0.00 3,131,466 962,632 Demolition of Bridge (Nieber->Nieber) 1,371 0 62 0.00 11,066 Demolition of Bridge (limber-)Concrete) 0.00 11,066 1,371 92 Demulition of Bridge (Concrete) 0.0074,972 78,195 0.00 7,757 1,120 Naintenance of limber Pridge (New) a2 Naintenance of Concrete Bridge (New) **a**2 0.00 1,676 2,866 0 Haintenance of Timber Bridge (Exist) 0.00 6,957 2,100 t) Λ ø2 Haintenance of Concrete Bridge (Exist) 34.30 3,664 2,413 125,675 82,765 (Without Overhead) IDIAL COST (Timber Bridge) (Concrete Bridge) Û 101AL COST (without Haintenance) (Overhead : 15%) 101AL COST (limber Bridge) (Concrete Bridge) 101AL COST (without Haintenance)

LINE NO. : 54 (111A) LENGTH : 4 Km

	******						(Rp)
1188	UNIT	QUARTITY	<<< UNIT LOCAL	COST >>> FOREIGN	(((((Local	COST FOREIGN	>>>>> TOTAL
Superstructure (Timber;Span Jm;101)	ภ2	0.00	40,079	3,539	A	6	A
Superstructure (Timber; Span 5m; 101)	42	0.00	44,394	3,908	0	() ()	0
Superstructure (Timber;Span 8m;101)	#i2	0.00	58,802	5,134	0	0	0
Superstructure (limber; Span 3m; BHSO)	#2	0.00	47,696	4,376	0	0	0
Superstructure (Timber:Span Sm: BM50)	2	0.00	54,255	4,742	0	0	0
Superstructure (limber; Span Bm; DH50)	n2	0.00	68,810	6,003	0	()	0
Superstructure (Concrete:Span 3m:8850)	a2		48,195	103,551	0	Ò	0
Superstructure (Concrete; Span 5m; 8H50)	#2	0.00	49,858	115,886	ů (0	0
Superstructure (Concrete:Span On:BHSO)	62	0.00	51,623	126,328	ó	Û	0
Superstructure (Concrete; Spanlûm; BH50)	n2		56,675	143,635	0	Ô	0
Superstructure (Concrete; Span15m; BHSO)	m2		61,652	169,392	0	Ó	ů.
Substructure (Pier; for Timber; 101)	NO	0.00	349,086	32,844	0	ę O	0
Substructure (Abut; for limber; 101)	NO		945,723	154,108	v 0	0	. 0
Substructure (Pier; for Timber; 8450)	KO		513,397	48,605	0	0	. 0
Substructure (Abut: for Timber: 8850)	NO		1,069,576	171,273	0	ų Q	•
Substructure (Pier; for Concrete; 9450)	NO.	0.00	1,524,140	455,692	į,	0	0
Substructure (Abut: for Concrete: BHSO)	NO NO	0.00	3,131,466	967,632	0	0	0
Deadlition of Bridge (Timber->Timber)	no 62	0.00	11,066	162,652 1,371	. 0	e A	0
Desolition of Bridge (limber-)Concrete)	s2		11,000	1,371	0	u g	•
Desolition of Bridge (Concrete)	#1 #2		74,972	78,195	0	•) ^	0
beautiful of bridge toolicieter	B.f.	4.00	171112	10,112	V	V	v
Maintenance of Timber Bridge (New)	m2	0.00	7,257	1,120	0	0 .	0
Haintenance of Concrete Bridge (Hew)	n2	0.00	1,676	2,866	0	0	0
Haintenance of limber Bridge (Exist)	#2	0.00	6,957	2,400	0	0	0
Maintenance of Concrete Bridge (Exist)	#2	39.20	3,664	2,413	143,628	94,589	238,217
(Without Overhead)		TOTAL COST	(limber Bride	je)	()	0	0
			(Concrete Bri	dge)	0	0	0
	,	IOTAL COST	lwithout Mair	itenance)	0	0	0
(Overhead : 15%)		intal chet	(Timber Bride	10)	0	. 0	0
t bisingen . 194)		reint. CUST	(Concrete Bri		Ů	Ů	0
		INTAL CRET	twithout Main	•	0	0	0
		OTHE GUAT	\mittivut 16611	11.5001151	V	v	e.

LINE NO : 55 ([[FB-1]] LENGTH : 10 Km

							(Rp)
1 1 E N	UNII	QUANTITY	<<< UNIT	COST >>> FOREIGN	<<<<<	COST FOREIGN	>>>>> TOTAL
C		0.00	40 A70	7 670	0	Û	0
Superstructure (limber;Span 3m;101) Superstructure (limber;Span 5m;101)	#2	0.00	40,079 44,394	3,539 3,908	0	0	0
Superstructure (Timber;Span Sm;101)	#2 #2		58,802	5,134	Ó	Ò	Ŏ
Superstructure (limber:Span 3m;BNSO)	#Z #2	0.00 0.00	49,696	4,376	0	Ô	0
Superstructure (Timber:Span Sm:8850)	#2 #2	0.00	54,255	4,742	0	0	ğ
				6,003	0	Ó	Ó
Superstructure (Timber; Span Bm; BHSO)	#2 -2	0.00	60,010 40 465		0	0	Û
Superstructure (Concrete;Span 3m;EMSO)	a2	0.00	40,165	103,551	0	0	Ò
Superstructure (Concrete; Span 5a; 8850)	R2	0.00	49,858	115,006	0	Ú	0
Superstructure (Concrete; Span Bm; BH50)	97	0.00	51,623	126,328		0	0
Superstructure (Concrete; Spanion; 19150)	R7	0.00	56,675	143,635	0	0	v 0
Superstructure (Concrete; Span15@; BMSO)	a2	0.00	61,652	169,392	i i	0	. 0
Substructure (Fier; for Timber; 101)	KO	0.00	349,086	32,844	0	0	0
Substructure (Abut; for limber;101)	NO	0.00	945,723	151,108	0	0	
Substructure (Pier; for Timber; BM50)	KO	0.00	513,397	40,605	0	•	(
Substructure (Abutifor Timber; RM50)	NU	0.00	1,069,576	171,273	0	, 0	(
Substructure (Piersfor Concrete;8850)	KD	0.00	1,524,140	455,692	0	0	(
Substructure (Abut;for Concrete;RMSO)	KO	0.00	3,131,466	962,632	0	0	0
Demolition of Bridge (Timber-)Timber)	R?	0.00	11,066	1;371	0	0	(
Demolition of Bridge (limber-)Concrete)	#2	0.00	11,066	1,371	ŷ	Û	(
Desolition of Bridge (Concrete)	m2	0.00	74,972	78,195	0	0	(
Maintenance of Timber Bridge (New)	s 2	0.00	1,257	1,120	0	. 0	(
Haintenance of Concrete Bridge (New)	e 2	0.00	1,676	2,866	. 6	0	(
Maintenance of Timber Bridge (Exist)	#2	0.00	6,957	2,400	0 =	0	
Maintenance of Concrete Bridge (Exist)	a ?	201.00	3,664	2,413	736,464	495,013	F,221,477
(Without Overhead)		otal cost	(limber Bride	re)	0	0	
Catendor overhead 1	•	anc uvui	(Concrete Bri		ě	Ŏ	Ĭ
	1	DIAL COST	(without Hair		Û	0	(
(Overhead : 15%)	ļ	OTAL COST	(limber Brid		Ģ.	0	
			(Concrete Br		0	0	
	7	TOOL MATO	(without Hair		0	0	(

FROV : LONGUNG KAB : LANGUNG TENGAH

(A)11) 68 s OH MHL.I

LEMOTH : 16 Km

	******		***				(Rp)
	רואט	PTITHAUD	<<< UNIT LOCAL	COST >>> FOREIGN	<<<<< Local	COST FOREIGN	>>>>> TOTAL
Superstructure (limber(Span 3m;101)	8 2	0.00	40,079	7 510	٨	ń	
Superstructure (limber; Span Sm; 101)	#2	0.00	44,394	3,539 3,908	0	. 0	0
Superstructure (limber;Span 8m;101)	a2	0.00	58,802	5,134	. 0	0	((
Superstructure (limber; Span Ja; 8M50)	#2	0.00	49,696	4,376	. 0	,	0
Superstructure (Timber; Span 5m; PHSO)	92	0.00	54,255	4,742	ų.		. (
Superstructure (limber; Span 8m; 8H50)	n2	0.00	69,810	6,003	V 0	V. 0	• (
Superstructure (Concrete:Span 3m:RX50)	a2	0.00	48,185		9	•	
Superstructure (Concrete;Span Sm;BH50)	.2	0.00	49,858	103,551	. 0	ų A	(
Superstructure (Concrete:Span 8m:8H50)	#2 #2	0.00	•	115,986	V	(1	(
Superstructure (Concrete;Span10m;RH50)	s2	0.00	51,623	126,328	ų	0	
Superstructure (Concrete; Span15@; RMSO)	n 2	49.50	.56,675 61,652	143,635	0	0 704 004	
Substructure (Pier; for limber; [Q])	NO.	0.00	349,086	169,372	3,051,774	8,384,704	11,436,678
Substructure (Abutifor Haber:101)	NO NO	0.00	945,723	32,844 154,108	.0	0	(
Substructure (Pier: For Timber: PM50)	KO.	0.00	513,397	48,605	0	Ú	
Substructure (Abut; for Timber; 8850)	KO	0.00	1,069,576	171,273	0	0	•
Substructure (Pier; for Concrete; 8850)	ND	0.00	1,524,140	455,692	0	. 0	
Substructure (Abut; for Concrete; 8850)	HO	2.00	3,131,466	962,632	6,262,932	1,925,264	8,198,176
Demolition of Bridge (limber-)limber)	#2	0.00	889,11	1,371	015051105	()	0,140,116
Demolition of Bridge (Timber-)Concrete	#2		11,086	1,371	243,452	30,162	273,614
Demolition of Bridge (Concrete)	e 2		74,972	78,195	213,132	99,102	(2/0,01
Haintenance of Timber Oridge (New)	a 2	0.00	7,257	1,120	0	. 0	(
Maintenance of Concrete Bridge (New)	£2	49.50	1,676	2,865	92,962	141,847	224,82
Maintenance of Timber Bridge (Exist)	a2	0.00	6,957	2,400	. 0	Q	
Maintenance of Concrete Bridge (Exist)	a 2	213.74	3,664	2,413	783,143	515,754	1,298,897
(Without Overhead)		IOTAL COST	(Timber Bride	1p)		()	
, , , , , , , , , , , , , , , , , , , ,	·		(Concrete Bri		9,558,158	10,340,330	19,898,48
	1	TOTAL COST	(without Hair		9,558,158	10,340,330	19,898,400

(Overhead : 15%)		IOTAL COST	(limber Bride		Ō	0	(
			(Concrete Ori	idge)	10,991,002	11,871,380	22,083,26
	1	IOTAL COST	(without Hair	rtenance)	10,991,882	11,871,380	22,883,26

1.1NK NO : 103 (1111)-2) LENGTH : 25 Km

							(_{Rp})
1 T E M	וואט	QUANTITY	<<< UNIT LOCAL	COST >>> FOREIGN	\\\\\\ Local	COST FOREIGN	>>>>> TOTAL
(T) day 8 7. 1011		A AA :	#A A7A	7 576	ń	0	
Superstructure (Timber; Span 3m; 101)	#2 -2	0.00	40,079	3,539	0	ń	· ·
Superstructure (figher; Span 5*; 101)	#2 -2	0.00	44,394	3,908	0	Λ	
Superstructure (limber;Span Ba;101)	#2 -2	0.00	58,802	5,134 4,376	Ò	0	,
Superstructure (limber; Span 3m; BHSO)	#2	0.00	49,696	• .	0	0	
Superstructure (limber:Span 5m:8850)	#2 2	0.00	54,255	4,742	0	0	
Superstructure (limber;Span Bm;BNSO)	a?	0.00	68,810	6,003	, v	v O	
Superstructure (Concrete;Span 3m;BK50)	62	0.00	48,185	103,551	*	0	!
Superstructure (Concrete;Span Sm;BMSQ)	e2	0.00	49,858	115,886	0		
Superstructure (Concrete;Span Ba;BNSO)	#2	0.00	51,623	126,328	0	Û	
Superstructure (Concrete;SpanlOm;BH50)	@ 2	0.00	56,675	143,635	0	0	(
Superstructure (Concrete;Span15a;BH50)	m2	0.00	61,652	169,392	0	. 0	
Substructure (Pier;for Timber;101)	NO	0.00	349,086	32,844	0.	0	:
Substructure (Abutifor Timber;101)	KO	0.00	745,723	154,108	0	0.	
Substructure (Fier:for limber(BH50)	KO	0.00	513,397	48,605	0	0	
Substructure (Abulifor Timber:BMS0)	NO	0.00	1,069,576	171,273	Q	0	
Substructure (Pier;for Concrete;8850)	NO	0.00	1,524,140	455,692	. 0	0	
Substructure (Abut;for Concrete;RHSO)	Ю	0.00	3,131,466	962,632	0.	. 0	
Pemolition of Bridge (Timber->Timber)	n2	0.00	11,066	1,371	0	. 0	
exolition of Bridge ([imber-)Concrete)	a 2	0.00	11,066	1,371	0	Ü	
Pemolition of Bridge (Concrete)	#2	0.00	74,972	78,195	0	0	
laintenance of lieber Bridge (New)	#2	0.00	1,257	1,120	0	0	
laintenance of Concrete Bridge (New)	a2	0.00	1,676	2,866	0	0	
laintenance of Timber Bridge (Exist)	e 2	0.00	6,957	2,400	Q	Û	
aintenance of Concrete Bridge (Exist)	#2	245.00	3,664	2,413	897,680	591,185	1,489,86
(Without Overhead)		ntal PRCT	(Timber Bride	na1	0	0	
i mithout overhead 1	Ų		(Concrete Bri		Ô	0	
	Ī		(without Hair		0	0	
(Overhead : 15%)	7	0181 COST	(Timber Bride	1 6]	()	0	*********
A CASILISAC 1 124 1	•	OTHE COST	(Concrete Bri		n	0	
	ŗ	NIAI CRCT	(without Mair		0	0	

PROV

LAMPUNG

KAB : LAMPUNG TENGAH

LINK NO :

102 (HIIA)

LENGTH: 12 Km

(Rp) <<< UNIT COST >>> . (((((COST **>>>>>** VIIIMAUO TINU LOCAL FORELGN LOCAL FOREIGN Superstructure (fimber(Span 3m;10)) **9**2 0.00 49,079 3,537 Superstructure (limber;Span 5a;101) 0.00 44,394 3,908 0 0 Superstructure (limber; Span 8m; 101) 02 0.00 59,802 5,131 0 0 Superstructure (Timber;Span 3m;9H50) 92 0.00 49,696 4,376 Superstructure (Higher: Span 5g: PH50) я2 0.00 54,255 4,742 ø 0 Superstructure (limber: Span 80:0850) a2 0.00 68,810 6,003 0 0 Superstructure (Concrete:Span 3m:8H50) m2 0.00 40,185 103,551 0 Superstructure (Concrete; Span 5m; 8M50) RŽ 0.00 49,859 115.886 0 0 Superstructure (Concrete:Span 8m:BNS01 **a**2 0.00 51,623 126,328 0 Superstructure (Concrete; Span 10; 19850) **#**2 0.00 56,675 143,635 0 Superstructure (Concrete; Span15m; 8H50) **a**2 0.00 61,652 167,392 Ó A Substructure (Pier; for fimber; 101) NO 0.00347,086 37,844 () Substructure (Abut; for Timber; 101) NO 0.00 945,723 154,108 Substructure (Piergfor limber: 8MSO) 0.00 513,397 48,605 Ò () Substructure (Abut; for Timber; 8H50) NO 0.00 1,069,576 171,273 Substructure (Pier; for Concrete; 8850) NO 0.00 1,524,140 455,692 Substructure (Abutifor Concrete; 8MSO) NO 0.00 3,131,466 962,632 Demotition of Bridge (Timber-)Timber) a? 0.0011,066 1,371 Demolition of Bridge (Hisber-)Concrete) 0.00 02 11,066 1,371 Devalition of Bridge (Concrete) 0.00 74,972 78,195 Maintenance of Timber Bridge (New) 0.00 œ2 7,257 1,120 Haintenance of Concrete Bridge (New) 0.00 1,676 7,866 0 0 Maintenance of Timber Bridge (Exist) #2 0.00 6,957 2,400 2,413 Maintenance of Concrete Bridge (Exist) 34.30 3,664 125,675 82,765 208,440 (Without Overhead) IDIAL COST (limber Bridge) 0 (Concrete Bridge) 0 0 101AL COST (without Haintenance) 101AL COS1 (Timber Bridge) (Overhead : 15%) (Concrete Bridge) 101AL COST (without Maintenance)

LINK NO : 112 (IIIB-1)

LENGTH : 6 Km

							(Rp)
ITEH	UNII	QUANTITY	CCC UNIT	COST >>> FOREIGN	CCCCC Local	COST FOREIGN	//////////////////////////////////////
Superstructure (Timber;Span 3m;101)	a 2	0.00	40,077	3,539	0	0.	0
Superstructure (fimber:Span 5m;101)	\$2	0.00	44,394	3,908	0 .	. 0	0
Superstructure (Timber:Span 8m;101)	# 2	0.00	58,802	5,134	0	0	Ó
Superstructure (Timber;Span 3m;8MSO)	*2	0.00	49,696	4,376	0	0	0
Superstructure (Tiaber:Span Sa:8MSO)	e2		54,255	4,742	. 0	0 -	0
Superstructure (limber:Span Bm:BH50)	82	0.00	68,810	6,003	0	0	0
Superstructure (Concrete:Span 3m; BHSO)	52	0.00	48,185	103,551	Ò	. 0	0
Superstructure (Concrete; Span 50; 8850)	a 2	0.00	49.858	115,896	Û	0 -	0
Superstructure (Concrete:Span 8a:8H50)	m2	0.00	51,623	126,328	0	0	0
Superstructure (Concrete:Span10#:8850)	a 2	0.00	56 675	143,635	0	0	0
Superstructure (Concrete;Span15m;BM50)	м2		61,652	169,397	Ó	0	0
Substructure (Piersfor Timbers 101)	NO	0.00	349,086	32,844	0	0	
Substructure (Abuttfor Fieber; 191)	NO	0.00	945,723	154,108	. 0	ň	0
Substructure (Pier: for Timber: 8H50)	NO	0,00	513,397	48,605	Ď	ň	. 0
Substructure (Abut:for Timber:8850)	. HO	0.00	1,069,576	171,273	ň	ň	'n
Substructure (Piersfor Concrete: BASO)	HO	0.00	1,524,140	455,692	á	á	Ó
Substructure (Abutifor Concrete; BXSO)	NO	0.00	3,131,466	962,632	. 0	Ô	Ó
Descrition of Bridge (Timber-)limber)	#2	0.00	11,066	1,371		. 0	. 0
Descrition of Bridge (Timber-)Concrete)	n2	0.00	11,066	1,371	n	Ó	ů
Pemplition of Bridge (Concrete)	s 2	0.00		78,195	- 0	ŏ	ŏ
faintenance of limber Bridge (New)	45	0.00	7,257	1,120	0	0	0
Maintenance of Concrete Bridge (New)	a 2		1,676	2,866	0	0	0
laintenance of Timber Bridge (Exist)	e2	0.00	6,957	2,400	0	0	n
laintenance of Concrete Bridge (Exist)	RZ		3,664	2,413	351,744	231,648	583,392
(Hithout Overhead)		OTAL COST	(Tisher Bride	16)	0	0	. 0
			(Concrete Br		0	i)	. 0
	. 1	IOTAL COST	(without Hair		0	0	(
							
(Overhead : 15%)	1	OTAL COST	(Timber Bride	je)	0	. 0	-
			(Cancrete Br		0	Ü	
	1	IOTAL COST	(without Hair	ntenance)	0	()	(

PROV : LOMPUNG KAR : LAMPUNG TENBAR

title, 140 : 123 (tith) tenorem i 6 km

			ė.	4			(Rp)
11 E N	UHIT	QUANTITY	(((UNIT	COST >>> FOREIGN	(((((COST FORE 16N	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
. 							
Superstructure (Himber:Span 3m;101)	•2	0.00	40,079	3,539	. 0	0	0
Superstructure (limber;Span Sm;101)	#Z	0.00	44,394	3,908	0	0	· (i
Superstructure (limber;Span 8m;101)	#2	0.00	58,802	5,134	. 0	0	
Superstructure (Timber:Span 3m;8MSO)	67		49,696	4,376	0	ñ	,
Superstructure (fimber;Span 5m;BMSO)	62	0.00	54,255	1,742	Ó	ó	
Superstructure (Timber:Span Ba:BMSO)	æ2	0.00	68,810	6,003	0	0	
Operstructure (Cancrete;Span Jm;8H50)	62	0.00	48,195	103,551	Ů	Ú	
Superstructure (Concrete;Span 5a;8850)	m2	0.00	49,859	115,086	0		
Superstructure (Concrete:Span 8e:8850)	#2	0.00	51,623	126,328	0	0	
Superstructure (Concrete; Spanion; RM50)	2	0.00	56,675	143,635		0	
Superstructure (Concrete;SpaniSn;BKSO)	a2	0.00			0 -		
Substructure (Pierifor Timber (101)			61,652	169,392	0	. 0	
	NO	0.00	349,086	32,844	0	(1	
Substructure (Abut; for Timber; 101)	NO	0.00	945,723	154,108	0 .	0	
Substructure (Fier; for Timber; 8H5O)	NO	0.00	513,397	48,605	Q	()	
ubstructure (Abut;for limber;8H50)	NO	0.00	1,069,576	171,273	0	ŷ	
Substructure (Fiertfor Concrete: 8850)	NO	0.00	1,524,140	455,692	0	0	
Substructure (Abut;for Concrete;DH50)	NO	0.00	3,131,466	962,632	Đ	0	
Demolition of Bridge (Timber-)Timber)	m2	0.00	11,086	1,371	0	0	
Pemolition of Bridge (Timber-)Concrete)	#2	0.00	11,066	1,371	0	0 -	
Demolition of Bridge (Concrete)	#2	0.00	74,972	78,175	0	0	
laintenance of limber Bridge (New)	0 2	0.00	7,257	1,120	0 -	. 0	
laintenance of Concrete Bridge (New)	# 2	0.00	1,676	2,866	ė.	0	
laintenance of Tieber Bridge (Exist)	e2	0.00	6,957	2,400	0	0	
Maintenance of Concrete Bridge (Exist)	#2	34.30	3,664	2,413	125,675	82,765	208,44
(Without Overhead)	101AL COST (Timber Bridge)				0	0	
		(Cancrete Bridge)				0	
	1	101AL COST (without Maintenance)			0	n n	
		TOTAL LUST	inituont usti	iteuance;			
(Overhead : 15%)	1	IDIAL COST	(limber Bridg	je)	0	. 0	
v nachusqu : 17%)	(Concrete Bridge)			0	0		

PROV

A OFFICING

KAR : LAMPUNG TENGAH

LINE NO : 168 (IIID-1)

LENGTH : 6 Km

<<< unit cost >>> (((((COST **>>>>>** 11EN VIIITAND 11AU LOCAL FOREIGN LOCAL FOREIGN TOTAL Superstructure (limber:Span Ja;101) 0.00 40,079 3,539 0.00 44,394 Superstructure (fimber:Span 5m;101) 3,908 0 0 0 **a**2 5,134 Superstructure (limber:Span 8m;10f) æ2 0.00 58,802 Superstructure (limber:Span 3m; BN50) 0.00 49,696 1,376 e2 4,742 Superstructure (Timber; Span Sm; 8H50) **9**2 0.00 54,255 ð 6,003 Superstructure (limber:Span 8m:8H50) 0.00 48,810 **e**2 Superstructure (Concrete; Span 3a; BMSO) 103,551 0.00 48,185 49,850 115,886 Superstructure (Concrete; Span 5m; BNSO) 0.00 Superstructure (Concrete; Span Ba: BM50) 97 0.00 51,623 126,328 0 Superstructure (Concrete; Span 10m; BHSO) æ2 0.00 56,675 143,635 Superstructure (Concrete; Spanism; BMSO) ĸ2 0.00 61,652 169,392 Substructure (Fier; for Timber; 101) 32,844 0,00 349,086 NO Substructure (Abut; for Timber; 101) NO 0.00 945,723. 154,108 48,605 Substructure (Pier; for Timber; BH50) HO 0.00 513,397 171,273 0 Substructure (Abut: for limber; PM50) NO 0.00 1,069,576 Substructure (Pier: for Concrete; BH50) NO 0.00 1,524,140 455,692 Substructure (Abut; for Concrete; 8H50) NO 0.00 3,131,466 962,632 1,371 Demolition of Bridge (Timber-)Timber) 82 0.00 11,066 Desolition of Bridge (Himber-)Concrete) 0.00 11,066 1,371 Demolition of Bridge (Concrete) 0.00 74,972 78,195 1,120 Haintenance of Timber Bridge (New) **#2** 0.007,257 Maintenance of Concrete Bridge (New) 0.00 1,676 2,866 6,957 0 Haintenance of limber Bridge (Exist) #2 0.00 2,400 3,664 Haintenance of Concrete Bridge (Exist) 96.00 2,413 351,744 (Without Overhead) TOTAL COST (Timber Bridge) 0 (Concrete Bridge) 0 TOTAL COST (without Haintenance) 101AL COST (limber Bridge) (Overhead : 15%) (Concrete Bridge) TOTAL COST (without Haintenance)

PROV

: LAMPUNG KAB : LAMPUNG TENGAH

LENGTH : 6 Km

							(Rp)
I T E N	UNIT	QUANTITY	CCC UNIT	COST >>> Foreign	((((((COST FOREIGN	>>>>> TOTAL
uperstructure (limber;Span Jm;101)	#2	0.00	40,079	3,539	ŷ	ŷ	0
uperstructure (Timber;Span 50;10])	#2	0.00	44,394	3,908	0	0	Ú,
uperstructure (fimber;Span 8e;101)	a2	0.00	58,802	5,134	0 .	. 0	. 0
uperstructure (limber;Span 3m;RNSO)	a 2	0.00	49,696	4,376	0	0	0
uperstructure (limber;Span 5m;BH50)	. a2	0.00	54,255	4,742	0 -	0	0
uperstructure (limber;Span Um;BMSO)	a?	0.00	69,810	6,003	. 0	: 0	. ()
uperstructure (Concrete;Span 3ø;8850)	a ?	0.00	19,195	103,551	0	. Ú	0
uperstructure (Concrete;Span 50;8850)	m 2	0.00	49,658	115,884	0	0	Ó
uperstructure (Concrete;Span Ba;PH50)	#2	0.00	51,623	126,320	0	0	0
uperstructure (Concrete;SpanIOm;RH50)	a?	0.00	56,675	143,635	0	0	0
uperstructure (Concrete;Spanl5m;RH50)	m2	0.00	61,652	167,392	0	ŷ	. (
ubstructure (Pier;fer Timber;101)	NO	0.00	349,086	32,844	0	0	(
ubstructure (Abut;for Timber;101)	NO	0.00	945,723	154,108	0	0	. (
ubstructure (Pier;for limber;BMS0)	NO	0.00	513,397	48,605	0	0	(
ubstructure (Abut; for Timber; BX50)	NO	0.00	1,069,576	171,273	0	0	
ubstructure (Pier;for Concrete;BHSO)	ON	0.00	1,524,140	455,692	0	0	
ubstructure (Abut:for Concrete;DN50)	NO	0.00	3,131,466	962,632	0	. 0	(
emolition of Bridge (Timber-)Timber)	a2	0.00	11,066	1,371	0	0	4
emolition of Bridge (Fimber->Concrete)	m2	0.00	11,066	1,371	0	0	(
emolition of Bridge (Concrete)	a2	0.00	74,972	78,195	0	0	
aintenance of Timber Bridge (New)	a 2	0.00	7,257	1,120	0	9	O
aintenance of Concrete Bridge (New)	a2	0.00	1,676	2,866	0	. 0	(
aintenance of limber Bridge (Exist)	m2	0.00	6,957	2,400	. 0	0	(
aintenance of Concrete Bridge (Exist)	m ?	91.00	3,664	2,413	333,424	219,583	553,007
(Without Overhead)	101AL COST (Timber Bridge)					0	
	(Concrete Bridge)			0	Ó		
	1	OTAL COST	(mithout Main		0	0	(
(Uverhead : 15%)	1	OTAL COST	(Timber Bridg		0	0	
			(Concrete Bri	•	Ô	0	İ
	!	OTAL COST	(without Hair	itenance)	0	()	1

PROV : LAMPUNG

KAB : LANPUNG TENGAH

CALLED 16 : ON MALL

LENGTH : 4 Km

			(Rp)				
11EB	UNIT	QUANTITY	(((UNIT Local	COST >>> FOREIGN	((((((Local	COST FOREIGN	>>>>> TOTAL
Superstructure (fimber:Span 3m;101)	- 02	0.00	40,079	3,539	0	0	0
Superstructure (Tieber; Span Sm; 101)	m2	0.00	44,394	3,908	0	0	0
Superstructure (limber;Span Bm; 101)	82	0.00	58,802	5,134	0	. 0	0
Superstructure (limber; Span 3m; PH50)	# 2	0.00	49,696	4,378	0	Đ	C
Superstructure (Timber;Span Sm;BNSO)	#2	0.00	51,255	4,742	. 0	0	1.0
Superstructure (limber; Span 8m; 8M50)	æ Z	0.00	69,810	6,003	0	. 0	· (
Superstructure (Concrete;Span 3m;BNSO)	# 2	0.00	48,185	103,551	. 0	0 -	(
Superstructure (Concrete; Span 5m; BM50)	a2	0.00	49,858	115,886	0	0	0
Superstructure (Concrete; Span 8a; 8H50)	= 2	0.00	51,623	126,328	0	. 0	0
Superstructure (Concrete; Span10m; 8H50)	* 2	0.00	56.675	143,635	0	0	. 0
Superstructure (Concrete;SpaniSm;RM50)	# 2	0.00	61,652	169,392	0	Ŋ	. 0
Substructure (Piersfor Timber;101)	NO	0.00	349,086	32,844	0	. 0	. (
Substructure (Abut; for Timber; 191)	NO	0.00	945,723	154,108	0	0	. (
Substructure (Piersfor Timber:0H50)	NO	0.00	513,397	48,605	0	0	(
Substructure (Abut; for Timber; BM50)	NO	0.00	1,069,576	171,273	0	0	
Substructure (Piersfor Concrete; BHSO)	NO	0.00	1,524,140	455,692	0	0	
Substructure (Abutifor Concrete; BM50)	NO	0.00	3,131,466	962,632	. 0	0	
Denolition of Oridge (limber-)limber)	#·2	0.00		1,371	. 0	0	į
Desolition of Bridge (Timber-)Concrete)	a2	0.00	11,066	1,371	0	0	4
Desolition of Bridge (Concrete)	s 2	0.00		78,195	0	ŋ	(
Haintenance of Timber Bridge (New)	m2	0.00	7,257	1,120	0	0	
Maintenance of Concrete Bridge (New)	# 2	0.00	1,676	2,866	, 0	()	
Haintenance of limber Bridge (Exist)	*2	0.00	6,957	2,400	1 : 0	0 .	
Maintenance of Concrete Bridge (Exist)	#2	69.60	3,664	2,413	251,350	165,531	416,88
(Hithnat Overhead)	 1	OTAL COST	(Timber Bridg	je)	Ö	,	
			(Concrete 8ri		. 0	0	4
	1	OTAL COST	(without Mair	itenancel	0	0	

(Overhead : 15%)	Ī	OTAL COST	(Timber Bridg		ņ	0	
			(Concrete Bri		0	0	
	1	OTAL COST	lwithout Mair	itenance)	0	()	

LINK NO : 16 (1118-2) LENGTH : 17 Km

•							(Rp)

1 T E H			TIRU >>>	cost >>>	******	COST	>>>>>
	UNIT	QUANTITY	LOCAL	FOREIGN	LOCAL	FOREIGN	TOTAL
uperstructure (Timber;Span 3m;101)	# 2	0.00	40,079	3,539	. 0	0	. 1
uperstructure (Timber:Span 5m;107)	*2		44,394	3,708	0	Ó	
uperstructure (Timber;Span Bm:101)	#5		58,802	5,134	ŋ ·	0	r e
uperstructure (Timber;Span 3m;BN50)	e2	0.00	49,696	4,376	0	0	ľ
uperstructure (Fimber:Span:Sm:BH50)	#2 #2	0.00	54,255	4,742	0 :	. ń	
uperstructure (limber:Span Bm; PHSO)	e2	0.00	68,810	6,003	Λ.	0	
uperstructure (Concrete;Span 3m;BHSO)					0	-	
uperstructure (Concrete;Span Sm;BHSO)	e.?		48,185	103,551	0 .	ý O	0
uperstructure (Concrete;Span Um;2H50)	a? ~?	0.00	49,858	115,886	0.	0	
	#2 ~2		51,623	126,328	0	•	
uperstructure (Concrete; SpanlOm; BNSO)	e? - 2		56,675	143,635	0:	0	
uperstructure (Concrete;Span15@;PK50)	a 2	0.00	61,652	169,392	0	0	. (
ubstructure (Piersfor Timber;101)	NO	0.00	349,086	32,844	0	0	•
ubstructure (Abutifor limber;191)	NO	0.00	945,723	154,108	0	0	•
ubstructure (Pier; for Timber; BM50)	NO	0.00	513,397	49,605	0	0	
ubstructure (Abut; for Timber; 8H5O)	NO	0.00	1,069,576	171,273	0 .	. 0	
abstructure (Pierylar Concrete:BM50)	NO	0.00	1,524,140	455,892	0	Ü	
ubstructure (Abut;for Concrete;BH50)	NO	0.00	3,131,466	962,632	0	0	(
emotition of Bridge (limber-)limber)	a 2	0.00	11,056	1,371	0	0	
emotition of Bridge (Timber-)Concrete)	a2	0.00	11,066	1,371	0	0	
emplition of Pridge (Concrete)	m 2	0.00	74,972	18,195	0	0	
laintenance of Timber Bridge (New)	a 2	0.00	7,257	1,120	0 .	0	
laintenance of Concrete Bridge (New)	a2	0.00	1,676	2,866	0	0	
laintenance of limber Bridge (Exist)	m2	0.00	6,957	2,400	0	0	
laintenance of Concrete Bridge (Exist)	# 2	29.40	3,664	2,413	107,721	70,942	178,66
(Without Overhead)		IDIAL COST	Nigher Brid	ge)	0	()	
			(Concrete Br	idge)	0	0	
		TOTAL COST	(without Hai	ntenance)	0	. 0	
		THIAL ABOV	estatua para		^	^	
(Overhead ; 15%)		FUTAL CUST	(Timber Brid		0	0	
			(Concrete Br	•	9	9	
•		IDIAL COST	lwithout Hai	ntenance)	0	0	

PROV : LAMPUNG

KAB : LAMPUNG TENGAH

(AIII) 53 : 0M 3MLt

LEMGTH : 15 Km

					4.5	(Rp)	
HIEN	UNIT	QUANTITY		COST >>> FOREIGN	((((Local	COST FOREIGN	>>>>> TOTAL
		434446066					
uperstructure (Timber;Span 3e;101)	• 2	0.00	40,079	3,539	1.0	i)	0
uperstructure (limber:Span 5m;101)	a 2	0.00	44,394	3,908	0	. 0	
uperstructure (limber;Span 8m;101)	. 42	0.00	58,802	5,134	0	0	. 0
uperstructure (limber;Span 3m;8850)	a 2	0.00	49,696	4,376	0	0	0
uperstructure (Timber;Span Sm;BHSO)	e 2	0.00	54,255	4,742	0 :	0	0
uperstructure (limber;Span 8m;8M50)	#2	0.00	68,810	6,003	. 0	: 0	0
uperstructure (Concrete;Span 3a;BNS0)	•2	0.00	48,185	103,551	0	. 0	0
uperstructure (Concrete;Span 5#;8H50)	m 2	0.00	49,858	115,886	0	. 0	0
uperstructure (Concrete;Span 0m;DNSO)	-62	0.00	51,623	126,328	. 0	0	0
uperstructure (Concrete;SpantOm;BM50)	a 2	0.00	56,675	143,635	0 -1	()	0
uperstructure (Concrete;Span(5m;BMSO)	e2	67.50	61,652	169,392	4,161,510	11,433,960	15,595,470
ubstructure (Fier; for Timber; 101)	HO	0.00	349,086	32,844	0	. 0	- 0,
ubstructure (Abut;for Timber;101)	NO	0.00	945,723	154,108	0	0	0
ubstructure (Pier;for Timber;BM50)	HO	0.00	513,397	48,605	. 0	0	. 0
ubstructure (Abut; for Timber; RMSO)	NO	0.00	1,069,576	171,273	. 0	0	0
ubstructure (Pierifor Concrete;BH50)	NO	0.00	1,524,140	455,692	. 0	()	
ubstructure (Abut:for Concrete;BNSO)	NO	2.00	3,131,466	962,632	6,262,932	1,925,264	8,168,175
emolition of Bridge (Timber->Timber)	e?	0.00	11,056	1,371	0	0	0
emplition of Bridge (limber-)Concrete)	e2	0.00	11,046	1,371	. 0	0	0
emolition of Bridge (Concrete)	a 2	0.00	74,972	78,195	. 0	0	0
aintenance of Timber Bridge (New)	a 2	0.00	7,257	1,120	0	0	0
aintenance of Concrete Bridge (Nex)	a2	67.50	1,676	2,866	113,130	193,455	306,585
aintenance of Timber Bridge (Exist)	42	0.00	6,957	2,400	0	0	. 0
aintenance of Concrete Bridge (Exist)	a ?	0.00	3,664	2,413	. 0	. 0	0
/ Millout Boundard 3	1	OTAL COST	(Yimber Bride	. n. i	0.	0	0
(Without Overhead)	ı	MINT COST	(Concrete Bri		10,424,442	13,357,224	23,783,866
	,	min thei	(without Main		10,424,442	13,359,224	23,783,666
÷	!	ITTHE CUST	INITIONAL NATI	itenanter	101121111	101001111	1941091900
			•				
(Overhead : 15%)	1	IOIAL COST	(Timber Brid	je) :	0	. 0	9
			(Concrete Bri	idge)	11,788,108	15,363,108	27,351,216

PŔOV

: LAMPUNG KAB : LAMPUNG TENGAH

TINK NO : 25

(IIIA) LENGTH : 7 Km

7 H 4 C 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4							t Rp
ITEH	UNIT	QUANTITY	<<< UNIT	COST >>> FOREIGN	((((() Local	COST FORE LGN	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	-:	*********					
uperstructure (fimber;Span 3m;101)	#2	0.00	10.070	7 - 30		۵	
uperstructure (limber;Span Sm;101)	# Z		40,079	3,539	0	0	
uperstructure (limber(Span 8m;101)	n 2	0.00	44,394	3,90B	. 0	0	
uperstructure (Timber;Span 3m;BM501	#2 #2	0.00	58,802	5,134	0	0	
uperstructure (limber;Span Sm;EMSO)		0.00	49,696	4,376	0	0	
uperstructure (Timber(Span Bm:8850)	h2	0.00	51,255	4,742	0	Q.	,
	*2	0.00	019,86	6,003	0	()	
uperstructure (Concrete;Span Jo;BHSO)	42	0.00	48,185	103,551	Ú	. 0	
uperstructure (Concrete;Span 54;8M50)	m2	0.00	49,858	115,886	0	Q.	
uperstructure (Concrete;Span 8m; 8%50)	n2	0.00	51,623	126,328	0	.0	
uperstructure (Concrete; Span 10m; BMSO)	•2	0.00	56,675	143,635	0	()	
uperstructure (Concrete;Span15m;BM50)	#2	0.00	61,652	169,392	0	0.1	
ubstructure (Pier;for Timber;107)	NO	0.00	349,086	32,844	. 0	Q	
ubstructure (Abutifor Timber;101)	NO	0,00	945,723	154,108	0	. 0	
ubstructure (Pierifor Timber;BN50)	NO	0.00	513,397	48,605	- 0	0	
ubstructure (Abutifor Timber;8M50)	HO	0.00	1,069,576	171,273	0	0	
ubstructure (Piertfor Concrete;BH50)	HO	0.00	1,524,140	455,692	0	. 0	
ubstructure (Abutifor Concrete;BH50)	NO	0.00	3,131,466	962,632	0	0	
emolition of Bridge (limber-)limber)	a 2	0.00	11,066	1,371	0	. (1	
emplition of Bridge (Timber-)Concrete)	•2	0.00	11,066	1,371	0	0	
exolition of Bridge (Concrete)	a 2	0.00	74,972	78,195	0	0	4
aintenance of Timber Bridge (New)	± 7	0.00	7,257	1,170	. 0	0	
aintenance of Concrete Bridge (New)	e2		1,676	2,866	0	0	
aintenance of Timber Bridge (Exist)	+2		6,757	2,400	0	ŋ	
aintenance of Coocrete Bridge (Exist)		179.00	3,664	2,413	655,856	431,927	1,087,7
(Without Overhead)	Ī	DIAL COST	(Timber Bridg	je)	0	0	
			(Concrete Pri	dge)	0	0	
	1	OTAL COST	(without Hair	itenance)	0	Û	
(Overhead : 15%)		OTAL COST	(Timber Bridg		0	0	
· ····································	•		(Concrete Ori		Ô	. 0	

PROV : 1 AMPUNG EAB : LAMPUNG TENGAH

LINK NO : 175 CIIIA) LENGTH : 17 Km

							(Rp)
1.1 E N	TINU	YITTHAUD	<<< UNIT	COST >>> FOREIGN	CCCCC LOCAL	COST FORETGN	>>>>> TOTAL

Superstructure (Timber:Span 3m:101)	e2	0.00	40,079	3,539	. 0	0	0
Superstructure (Timber:Span 5m:101)	#2	0.00	44,394	3,908	0	0	. 0
Superstructure (fimber: Span 8m; 101)	a 2	0.00	58,802	5.134	0	0	0
Superstructure (limber:Span 3m:8850)	a 2	0.00	49.696	4,376	0	Q	0
Superstructure (Timber:Span Sm:BHSO)	m 2	0.00	54,255	4,742	. 0	0	0
Superstructure (limber:Span 8m;AHSO)	m2	0.00	68,810	6,003	0 -	0	0
Superstructure (Concrete;Span 3x;BMS0)	m2	0.00	49,185	103,551	0	9	ij
Superstructure (Concrete; Span 5m; 8H50)	n2	0.00	47,858	115,884	0	0	0
Superstructure (Concrete;Span 8m;BM50)	a 2	0.00	51,623	126,328	0	. 0	0
Superstructure (Concrete; Span10m; BM50)	a 2	0.00	56,675	143,635	0	0	0
Superstructure (Concrete; Spanism; BMSO)	# 2	0.00	61,652	169, 392	0	0	0
Substructure (Pier:for limber:101)	NO	0.00	349,086	32,844	0	Ô	Ó
Substructure (Abut; for Timber; 101)	NO	0.00	945,723	154,108	0.	0	0
Substructure (Pierifor limber:BH59)	NO	0.00	513,397	48,605	Û	á	
Substructure (Abut:for limber:RMSO)	NO	0.00	1,069,576	171,273	ò	ė ·	ġ
Substructure (Fier; for Concrete; BH50)	NO	0.00	1,524,140	455,692	ò	ò	0
Substructure (Abut; for Concrete; PASO)	NO	0.00	3,131,466	962,632	Ô	0	n
Demolition of Bridge (Timber->Nimber)	-2	0.00	11,066	1,371	Ô	0	0
Demolition of Bridge (limber-)Concrete)	a2	0.00	11,086	1,371	6	ò	ů
Demolition of Bridge (Concrete)	e 2	0.00	74,972	78,195	0	0	0
Naintenance of Timber Bridge (New)	# 2	0.00	7,257	1,120	: 0	0	. 0
Naintenance of Concrete Bridge (New)	ø2	0.00	1,676	2,866	0	0	. 0
Naintenance of limber Bridge (Exist)	a2	0.00	6,957	2,400	0	. 0	, , Ô
Maintenance of Concrete Bridge (Exist)	#2	98.00	3,664	2,413	359,072	236,474	595,546
·						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
(Without Overhead)	1	OTAL COST	(Timber Bride	•	. 0	0	0
			(Concrete Bri		Ó.	. 0	0
	1	OTAL COST	lwithout Mair	itenance)	Q.	0	0
(Uverhead : 15%)		NIAL COST	(Timber Brid	1e)	0	0	(
Continuo 1 109 /	'		(Concrete Bri		ŏ	Ó	0
	1	OTAL COST	(without Hair	•	ý	0	Õ

PROV

: LAMPUNG - KAB : LAMPUNG TENGAH

1.1MF (40 : 1/2 (UTB-1) LENGHA : 10 Km

		· .					(fip)
I I E H	MHT	QUANTITY	<<< UNII	COST >>> FOREIGN	(((((COST FOREIGN	>>>>> 101AL
Superstructure (Himber(Span 3m;101)	-62	0,00	40,077	3,539	0	0	·
Superstructure (fisher:Span 50;101).	m2	0,00	44,394	3,908	0	0	0
Superstructure (Timber(Span 8m;[0])	m2	24.00	58,802	5, 134	1,411,248	123,216	1,534,464
Superstructure (fimber:Span 3m:BNSO)	e2	0.00	49,696	4,376	, ,	0	(
Superstructure (Timber:Span 5m;BH50)	6 2	0.00	54,255	4,742	0	ò	'n
Superstructure (limber;Span 8m;8450)	a 2	0.00	69,810	6,003	0	ū	
Superstructure (Concrete: Span 3a: 8150)	a 2	0.00		103,551	o o	t)	1)
Superstructure (Concrete;Span 5a;BNSO)	#2		49.85B	115.086	ě	· 0	. 0
Superstructure (Concrete; Span 9m; BNSO)	a2	0.00	51,623	126,328	ò	0	0
Superstructure (Concrete; Spanion; 8M50)	a 2		56,675	143,635	0	0	0
Superstructure (Concrete; Spanism; BMSO)	5 2		61,652	169,392	Ô	0	G
Substructure (Pier; for limber; 101)	NO	0.00	349,086	32,844	· .	n N	. 0
Substructure (Abut; for Timber; 107)	HO	2.00	945,723	154,108	1,831,446	309,216	2,199,662
Substructure (Piersfor Timbers8H50)	ND OK	0.00	513,397	40,605	0	0	£11771007
Substructure (Abut; for Timber; BMS0)	NO	0.00	1,069,576	171,273	Ô	ò	
Substructure (Pier; for Concrete; 8050)	NO	0.00	1,524,140	455,692	0	Ô	(
Substructure (Abut: for Concrete: 9850)	NO	0.00	3,131,466	962,632	ő	ò	Q
Desolition of Bridge (Timber-)limber)	e2	0.00	11,086	1,371	0	ò	Ŷ.
Demolition of Bridge (Timber-)Concrete)	n2	0.00	11,066	1,371	ů	Ò	9
Demolition of Bridge (Concrete)	n2	0.00	14,972	78,175	0	Ö	Č
Naintenance of Tiaber Bridge (Hew)	a 2	24.00	7,257	1,120	174,168	26,880	201,048
Haintenance of Concrete Bridge (New)	n2	0.00	1,676	2.866	0	0	. (
Haintenance of Himber Bridge (Exist)	e2	0.00	6,757	2,400	. 9	. 0	(
Haintenance of Concrete Bridge (Exist)	n 2	36.00	. 3,664	2,413	131,904	66,858	218,777
(Without Overhead)		TOTAL COST	(Timber Bridg	e1	3,302,694	431,432	3,734,126
			(Concrete Bri	dge)	0	. 0	. (
	1	OTAL COST	(without Hair	tenance)	3,302,694	431,432	3,734,126
(Overhead : 15%)		IOTAL COST	(Yimber Bride	i6)	3,798,098	496,147	4,294,745
			(Contrete Bri		0	0	(
	. 1	INTAL COST	(without Hair	•	3,798,098	496,147	4,294,245

PROV : LAMPUNG KAR : LAMPUNG TENGAH

LINE NO : 149 (1110-2) LENGTH : 3 Km

0.00 0.00 0.00 0.00 0.00 0.00 0.00	40,079 46,394 58,802 49,696 54,255 69,810 48,185	COST >>> FOREIGN 3,539 3,908 5,134 4,376 4,742		((((((Local.) 0 0	COST FOREIGN O		>>>>> TOTAL 0
0.00 0.00 0.00 0.00 0.00 0.00	44,394 58,802 49,696 54,255 68,810	3,900 5,134 4,376 4,742		0	· ()) ()
0.00 0.00 0.00 0.00 0.00 0.00	44,394 58,802 49,696 54,255 68,810	3,900 5,134 4,376 4,742		0	` (())	0
0.00 0.00 0.00 0.00 0.00	44,394 58,802 49,696 54,255 68,810	5,134 4,376 4,742		0	()	()
0.00 0.00 0.00 0.00 0.00	58,802 49,696 54,255 68,810	4,376		•	(3	
0.00 0.00 0.00 0.00	49,696 54,255 68,810	4,742		ń		ø	0
0.00 0.00 0.00	54,255 68,810	4,742		V.	. 0)	. 0
0.00 0.00				0	C) .	: 0
0.00		6,003		0	(0 ,	0
	רסו, טר	103,551		Û	1	j	0
0.00	49,850	115,886		.0.	(()	0
0.00	51,623	126,328		0	(0	. 0
0.00	56,675	143,635		0	. (()	Ú
0.00	61,652	167,392		0	(0	. 0
0.00	349,086	32,844		0	1 (0	0
0.00	945,723	154,108		0	4 (0	Ó
0.00	513,397	19,605		0	(0	0
0.00	1,069,576	171,273		0	ľ	Ú	0
0.00	1,524,140	455,692		0	(0	0
0.00	3,131,466	962,632		0	(0	0
				0	(0	0
	-			0	(0	. 0
0.00	74,972	78,195		0	(0	0
0.00	7,257	1,120		0	(Q ·	. 0
0.00	1,676	2,866	٠	0	. (0	0
0.00	6,957	2,400		0		Û	Ú
78.40	3,664	2,413	2	87,237	189,179	9	476,436
OTAL COST	(Tigher Bridg	·••		 Ú		o	0
41.16 0001				ò		0	. 0
NTAL COST	to a	•		n	Ţ	n .	
OTHL 6031	(Williout Hair						
DIAL COST	(ligher Bride	1e)		0		0	. (
	(Concrete Bri	•					
		oge)		1)		0	0
	0.06 0.00 0.00 0.00 0.00 78.40	0.00 11,066 0.00 11,066 0.00 74,972 0.00 7,257 0.00 1,676 0.00 6,957 78.40 3,664 OTAL COST (Timber Bridge (Concrete Bridge OTAL COST (Without Hair	0.00 11,066 1,371 0.00 11,066 1,371 0.00 74,972 78,195 0.00 7,257 1,120 0.00 1,676 2,866 0.00 6,957 2,400	0.00 11,066 1,371 0.00 11,066 1,371 0.00 74,972 78,195 0.00 7,257 1,120 0.00 1,676 2,866 0.00 6,957 2,400 78.40 3,664 2,413 2 OTAL COST (Timber Bridge)	0.00 11,066 1,371 0 0.00 11,066 1,371 0 0.00 74,972 78,195 0 0.00 7,257 1,120 0 0.00 1,676 2,866 0 0.00 6,757 2,400 0 78.40 3,664 2,413 287,257 OTAL COST (Timber Bridge) 0 (Concrete Bridge) 0 OTAL COST (without Haintenance) 0	0.00	0.00

PROV : LAMPUNG KAB : LAMPUNG TEMBAH

LINK NO : 130 ($\tilde{1}119-1$) LENGTH : 4 Km

***							(Rp)
TIEH	UNIT	QUANI LTY		COS1 >>> FOREIGN	((((((LOCAL	COST FOREIGN	>>>>> 101AL
*****				*******			
Superstructure (Timber:Span Je:101)	e2	0.00	40,077	3,539	. 0	0	0
Superstructure (limber;Span Sa;101)	a ?	0.00	44,394	3,908	ő	0	Ó
Superstructure (Tieber:Span 8m:10T)	a 2		58,802	5,134	0 :	0	0
Superstructure (limber:Span Ja:8050)	B 2	0.00	49.696	4,376	. 0	Ô	· · · (
Superstructure (limber;Span 5m;8H50)	a2	0.00	54,255	4,742	Ď	ò	Ò
Superstructure (Timber(Span Ba;BH50)	a 2	0.00	68,810	6,003	. 0	0	Č
Superstructure (Concrete;Span Ja;BHSO)	e2	0.00	48,185	103,551	ò	. 0	0
Superstructure (Concrete;Span 5m;BH50)	e Z	0.00	49,858	115,886	0	, O	, (
Superstructure (Concrete;Span 84;8850)	n2	0,00	51,623	126,328	0	. 0	0
Superstructure (Concrete:SpantOm: 8H5O)	a2	0.00	56,675	143,635	, O	0	, (
Superstructure (Concrete; SpanlSm; BK50)	a2	0.00	61,652	169,392	. 0	0	. (
Substructure (Fier; for limber; 101)	NO	0.00	349,086	32,844	0	0	(
Substructure (Abut:for Timber:191)	NO	0.00	945,723	154,108	0	0	,
Substructure (Pier; for limber; BHSO)	KO	0.00	513,397	48,605	0	0	
Substructure (Abut; for Timber; 8050)	NO NO	0.00	1,069,576	171,273	y	ų O	i 1
Substructure (Pierifor Concrete;RMSO)	NO NO	0.00			. 0	e O	
Substructure (Abut; for Concrete; BMSO)	NO.	0.00	1,524,140	455,692		•	
Practition of Bridge (limber-) limber)			3,131,466	962,632	0	0	(
Descrition of Bridge (Timber-)Concrete)	8 2	0.00	11,066	1,371	0	. 0	ļ
	6 2	0.00	11,066	1,371	0	0	(
Demolition of Bridge (Concrete)	a ?	0.00	74,972	78,195	• 0	0	(
Maintenance of Timber Bridge (Hew)	a 2	0.00	7,257	1,120	0	0	
Maintenance of Concrete Bridge (New)	# 2	0,00	1,676	2,866	Q	0	(
Maintenance of Timber Bridge (Exist)	s 2	0.00	6,957	2,400	0	0	ļ
Haintenance of Concrete Bridge (Exist)	a2	34.30	3,664	2,413	125,675	82,765	208,44
(Without Overhead)		IOTAL COST	(Tjæber Bride	np)	0	0	
i nichor dierness)			(Concrete Br		n	ô	
	1		(without Hair		Ó	. 0	•
			threnest list		·		************
(Overhead : 15%)	į	OTAL COST	(limber Brid	je)	0	. 0	
			(Concrete Bri		0	0	
	,	INTAL COST	twithout Hair		Ú	a	

PROV : LAMPUNG KAB : LAMPUNG TENGAH

LINK NO : 125 (1118-1) LENGTH : 6 Km

						. !	(Rp)
ITEH	UNIT	YIITMAUD		CDST >>> FOREIGN	(((((Local	CUST FORELGN	>>>>> TOTAL
				:			
Superstructure (Timber;Span 3m;101)	•2	0.00	40,079	3,539	. 0	0	0
Superstructure (Timber; Span 5a; 101)	,nZ	0.00	44,394	3,908	0	0	(
Superstructure (limber;Span Bm;101)	* 2	28.00	58,802	5,134	1,646,456	143,752	1,130,208
Superstructure (limber:Span 3m:BH50)	₹2	0.00	49,696	4,376	0	0	0 .
Superstructure (limber:Span 5m;BM50)	#2	0.00	54,255	4,742	. 0	0	0
Superstructure (limber;Span Bm;BH50)	62	0.00	018,88	6,003	Q.	()	0
Superstructure (Concrete; Span 3m; 8M50)	•2	0.00	49,195	103,551	0	0	Û.
Superstructure (Concrete;Span 5a;BNSO)	₽2	0.00	49,858	115,886	0	0	0
Superstructure (Concrete;Span 8m;BK50)	n2	0.00	51,623	126,328	. 0	0	: 0
Superstructure (Concrete; Span10m; BH50)	• 2	0.00	56,615	143,635	0	Q.	0
Superstructure (Concrete; Span15m; BMSO)	n2	0.00	61,652	169,392	0	Ú	0
Substructure (Pier; for limber; 101)	NO	0.00	349,086	32,844	0	0	: 0
Substructure (Abut; for limber; 101)	NO	2.00	945,723	154,108	1,971,446	308,216	2,179,662
Substructure (Pier; for Timber; 8H50)	NO	0.00	513,397	48,605	0	()	0
Substructure (Abut; for fimber; BM50)	NO	0.00	1,069,576	171,273	0	0	0
Substructure (Pier: for Concrete: 8850)	. NO	0.00	1,524,140	455,692	. 0	0	0.:
Substructure (Abut: for Concrete; 8M50)	NG	0.00	3,131,466	962,632	ø	û	ġ
Demolition of Bridge (Timber-)Timber)	₽2	0.00	11,046	1,371	. 0	0	(1
Demolition of Bridge (limber-)Concrete)	•2	0.00	11,066	1,371	0	Û	Ů.
Demolition of Bridge (Contrete)	m2	0.00	74,972	78,195	0	0	Û
Haintenance of Timber Bridge (New)	n2	28.00	7,257	1,120	203,196	31,360	234,556
Naintenance of Concrete Bridge (New)	#2	0.00	1,676	2,886	e e	O	Ō
Maintenance of limber Bridge (Exist)	n 2	0.00	6,957	2,400	. 0	0	0 1
Maintenance of Concrete Bridge (Exist)	#2	0.00	3,664	2,413	0	0	0
· · · · · · · · · · · · · · · · · · ·						·	
(Without Overhead)	1	OTAL COST	(Timber Bridg		3,537,902	451,968	3,989,870
			(Concréte Bri		Û	0	0
	1	OIAL CUSI	(without Kair	tenance)	3,531,902	451,968	3,789,870
						### ***	4
(Overhead : 15%)	ì	UTAL CUST	(Timber Bride		4,060,587	519,763	4,588,351
		DTA1 5055	(Concrete Bri		0	0	()
	. 1	UTAL CUST	twithout Mair	(enance)	4,069,597	519,763	4,588,351

TROV : LAMPUNG KAB : LAMPUNG TENGAH

LINK NO : 119 (IIIA) LENGTH : 15 Km

					:		(Rp 1
TEH Strong tensors	URTI	QUANTITY	<<< UNIT	COST >>> FOREIGN	<<<<<< Local	COST FOREIGN	>>>>> TOTAL
Superstructure (Timber:Span Jo;101)	ái 2	0.00	40,079	3,539	0	0	. 0
Superstructure (Timber;Span 5m;101)	62	0.00	44,394	3,908	0	Q	0
Superstructure (lisher:Span 8m:101)	42	0.00	58,802	5,134	0	0	.0
Superstructure (Timber:Span 3m:8M50)	m2	0.00	49,696	4,376	0	()	0
Superstructure (Himber;Span Sa;BHSO)	a 2	0.00	51,255	1,742	0	0	ti
Superstructure (limber;Span 8m;PNSO)	62	0.00	68,810	6,003	0	. 0.	0
Superstructure (Concrete; Span 3m; 8HSO)	a 2	0.00	48,185	103,551	0	0	0
Superstructure (Concrete; Span Sm(BM50)	#2	0.00	49,858	115,886	0	Ů	(
Superstructure (Concrete:Span Ba:8850)	42	0,00	51,623	126,328	0	ŋ	0
Superstructure (Concrete; SpantOm; BHSO)	82	0.00	56,675	143,635	0	0	. (
Superstructure (Concrete; Span15a; 8MSO)	#2	0.00	61,652	169,392	0	0	(
Substructure (Pierifor Timber;101)	Ю	0.00	349,086	32,844	. 0	. 0	
ubstructure (Abut; for fimber; 101)	NO	0.00	745,723	154,108	. 0	ò	
ubstructure (Pierifor Timber(8850)	NO	0.00	513,397	48,605	0	0	
ubstructure (Abut:for limber:8N50)	NO	0.00	1,069,576	171,273	0	0	
Substructure (Fier; for Concrete; 8H50)	NO	0.00	1,524,140	455,672	0	0	•
Substructure (Abut; for Concrete; 8850)	NO	0.00	3,131,466	962,632	ò	Ô.	ı
Penalition of Bridge (limber->limber)	m2		11,066	1,371	ė	0	
emolition of Bridge (limber-)Concrete)	a2	0.00	11,066	1,371	ò	ė	
Demolition of Bridge (Concrete)	e2	0.00	74,972	78,195	ò	0	
Maintenance of Timber Bridge (New)	ø2	0.00	7,257	1,120	0	.0	(
Maintenance of Concrete Bridge (New)	æ2	0.00	1,676	2,866	0	. 0	. 1
aintenance of Timber Pridge (Exist)	e2	32.00	6,957	2,400	222,624	74,299	297,42
laintenance of Concrete Bridge (Exist)	a2	0.00	3,664	2,413	. 0	0	·
(Without Overhead)		IOIAL COST	(limber Brid	 (4n	0	. ú	*****
V WICHOUT OFFICER I			(Concrete Br		ě	0	
	1	IOTAL COST	(without Hair		Ó	0	
(Uverhead ; 15%)		IOTAL COST	(Timber Brid		0	0	
•			(Concrete Br		0	0	
	1	IDIAL COST	(without Mai	ntenancel	0	0	

KAD : LAMPUNG TENGAH

INK NO : 111 (IIIB-1)

LENGTH : 7 Km

22222 COST **>>>>>** <<< UNIT COST >>> FOREIGN UNIT QUANTITY LOCAL FUREIGN LOCAL Superstructure (limber; Span 3m; 101) 0,00 40,077 44,394 3,908 Superstructure (limber: Span 5m; 101) 0.00 58,802 5,134 Superstructure (limber:Span 8m;101) 0.00 49,696 4,376 Superstructure (Timber:Span 3m;8M50) 0.00 54,255 4,742 Superstructure (ligher:Span 50:BN50) 82 0.00 Superstructure (limber: Span 8m; 01150) 0.00 68,810 6,003 a2 103,551 48,185 Superstructure (Concrete; Span 3m; BNSO) ąŹ 0.00 49,850 115,886 Superstructure (Concrete; Span 5m; 8H50) 0.00 æ2 Superstructure (Concrete; Span Ba; 8850) 0.00 51,623 126,328 a? 143,635 56,675 Superstructure (Concrete; Span Lon; 8850) 0.00 **6**2 61,652 169,392 Superstructure (Concrete; Spani5a; BM50) 0.00 349,086 32,844 Substructure (Pierifor Timber; 101) NO 0.00 Substructure (Abut; for limber; 101) NO 0.00 945,723. 154,108 48,605 Substructure (Pier; for Timber; 8H50) ИΠ 0.00 513,397 171,273 Substructure (Abut; for limber; BM50) NO 1,049,576 0.00 Substructure (Pier; for Concrete; 8850) 0.00 1,524,140 455,692 962,632 Substructure (Abut; for Concrete; 8H50) NO 0.00 3,131,466 Demolition of Bridge (limber-)limber) ₩2 0.00 11,086 1,371 Desolition of Bridge (Timber-)Concrete) 0.00 11,066 1;371 **a**2 Demolition of Bridge (Concrete) 74,972 78,195 0.00 Haintenance of Timber Bridge (New) 0.00 7,257 1,120 1,676 2,866 Haintenance of Concrete Bridge (New) 0.00 Æ, 2,400 Maintenance of Timber Bridge (Exist) 0.00 6,957 a2 Maintenance of Concrete Bridge (Exist) 34.30 3,664 2,413 101AL COST (Timber Bridge) (Without Overhead) (Concrete Bridge) TOTAL COST (without Maintenance) 101AL COST (limber Bridge) (Overhead : 15%) (Concrete Bridge) 10TAL COS1 (without Haintenance)

PROV.

LAMPUNG

KAH : LAMPUNG TENGAH.

UTHK NO :

to7 (111A)

LENGTH : 6 Km

							(. Rp.)
1 téh	*******		(<< UNIT	COS1 >>>	\(\daggeright\)	COST	>>>>>>
	UNIT	QUANTITY	LOCAL	FUREIGN	LOCAL	FOREIGN	IGIAL

Superstructure (finber:Span 3a:101)	m2	0.00	40,079	3,539	Ų.	Ü	
Superstructure (Timber:Span 5a;101)	#2	0,00	44,394	3,908	0	0	.1
Superstructure (limber;Span 8m;101)	m2	0.00	58,802	5,134	. 0	Û	ļ
Superstructure (limber;Span 3m;BH50)	#Z	0.00	49,696	1,376	0	0	
Superstructure (limber;Span Sm;BHSO)	e2	0.00	54,255	4,742	0	0	!
Superstructure (Timber;Span Rm;BH50)	a 2	0.00	88,810	5,003	0	0	
iuperstructure (Concrete;Span 3a;DH50)	s 12	0.00	48,185	103,551	. 0	0	
Superstructure (Concrete:Span 5m;RHS0)	a2	0.00	49,858	115,886	0 1	0	(
Superstructure (Concrete;Span 8a;BMSO)	#2	0.00	51,623	126,328	0	0	1
Superstructure (Concrete;Span10m;BH50)	s 2	0.00	56,675	143,635	. 0	0	1
Superstructure (Concrete; Spant5a; 8H50)	a2	0.00	61,652	169,392	Ü	0	
Substructure (Pieryfor Timber;10T)	NO	0.00	349,086	32,844	0	.0	
Substructure (Abut; for Timber; 101)	NO	0.00	945,723	151,108	. 0	Ò	
Substructure (Pier; for Timber; 8850)	KO	0,00	513,397	48,605	Ô	ò	
Substructure (Abut; for Tieber; 8MSO)	NO.	0.00	1,069,576	171,273	ò	Ó	
Substructure (Pier; for Concrete; BMSO)	NO	0.00	1,524,140	455,692	. 0	. 0	•
Substructure (Abut; for Concrete; BM50)	NO.	0.00	3,131,456	962,632	. 0	ò	
Demolition of Bridge (limber->limber)	a 2		11,066	1,371	Ó	ò	
Demolition of Bridge (Timber-)Concrete)	a2		11,066	1,371	ň	ů	
Demolition of Bridge (Concrete)	B2		74,972	78,195	0.	Õ.	
					•		
laintenance of limber Bridge (Hex)	æ2		7,257	1,120	· 0	. 0	
laintenance of Concrete Bridge (Hex)	e2	0,00	1,676	7,866	0	Û	
aintenance of limber Bridge (Exist)	#2	-	6,957	2,400	. 0		
laintenance of Concrete Bridge (Exist)	p ?	84.00	3,664	2,413	307,776	202,692	510,48
, u:1) (0 1 1 1)		COTAL COCT	/Y:_L p_:J			۸	
(Without Overhead)	. !	INIRL LUSI	(Timber Bride		0	0	
			(Concrete Bri		0	Û	
		IBIAL COST	(without Hair	renance)	"		
1 Dona Caral . 157 1	· · · · · · · · · · · · · · · · · · ·	INTAL PROT	Itiahia Deid		. 0	0	
(Overhead : 15%)			(Timber Brid		0	ψ	
			(Concrete Bri		0	U A	•
•		INTRL EUST	twithout Hair	it ellance i	Ų	f)	

PROV : LAMPUNG KAB : LAMPUNG TENGAFT

LINE NO : 100 (IIIA) LENGTH : 30 Km

			100		i e		(Rp)
l T E H	UNIT	PITHAUD		COST >>>	(((((Local	COST FORETGN	>>>>> TOTAL
mperstructure (limber:Span 3m;101).	-0	0.00	40,079	3,539	· · · · · ·	. 0	<u>.</u>
imperstructure (limber;Span Sm;101)	- a2 a2	0.00	44,394	3,708		Ô	. 0
uperstructure (fisher:Span Bu;101)	a2	0.00	58,802	5,134	Λ	n '	Ó
uperstructure (Timber:Span Jm:00150)	a. a.2		49,696	4,376		Ô	. (
uperstructure (Timber:Span Sm:BHS0)	#2 #2	0.00		4,742	A	'n	. (
			54,255		'n	0	
uperstructure (limber; Span Ba; BH50)	≘ ?	0.00	68,810	6,003	۸	u A	,
uperstructure (Concrete; Span Ja; 8KSO)	s 2	0.00	48,195	103,551	. · · · · · · · · · · · · · · · · · · ·	v	,
uperstructure (Concrete; Span Sm; BH50)	97	0.00	19,858	115,886	U	- ()	
uperstructure (Concrete; Span 8m; PMSO)	# Z	0.00	51,623.	126,328	V	0	
uperstructure (Concrete; Span10#;8K50)	a 2		56,675	143,635	U	Ų	
uperstructure (Concrete;SpantSm;RH50)	52	0.00	61,652	169,392	U	0	(
ubstructure (Pier;for Timber;101)	ИО	0.00	349,086	32,844	0	0	. (
ubstructure (Abutilor limber;101)	NO	0.00	945,723	154,108	0	0	
ubstructure (Pierytor limber;8850)	ND	0.00	513,397	48,605	0	0	1
ubstructure (Abut;for Timber;BM50)	MO	0.00	1,069,576	171,273	0	0	
ubstructure (Pier;for Concrete;BNSO)	, NO	0.00	1,524,140	455,692	0	0	
ubstructure (Abutifor Concrete;9850)	NO	0.00	3,131,466	962,632	0	Ü	· . (
emolition of Bridge (limber-)limber)	e2	0.00	11,085	1,371	0	0	1
esolition of Bridge (Haber-)Concrete)	n2	0.00	11,066	1,371	0	0	
e∗olition of Bridge (Concrete)	e2	0.00	74,972	78,195	0	0	
aintenance of Timber Bridge (New)	m 2	0.00	1,257	1,120	0	Q.	
aintenance of Concrete Bridge (New)	a 2	0.00	1,676	2,866	0	• 0	
aintenance of limber Bridge (Exist)	e2	0.00	6,957	2,400	0	0	(
aintenance of Concrete Bridge (Exist)	· a2	151.90	3,664	2,413	556,561	366,534	923,09
							~ u = u = u = u = v = v = v
(Without Overhead)	1	DIAL COST	(Timber Bride		0	0	
		1000	(Concrete Bri	-	0	0	•
	1	OTAL COST	(without Hair	rtenance)	0	0	·
(Overhead : 15%)	1	izna latn	(limber Bride	10)	0	0	
(Overneed , 104 /	1	DINE COST	(Concrete Bri		Ů	ñ	
			TOOKET ETE DI I	uye,	ν .	v	
·	1	NTA) PROF	(without Hair	itananca)	٥	n	•

KAB : LAMPUNG TENGAH

	**************************************	C General Control of the Control of	******				(Rp
(î E H	URIT	YIIINAUQ	<<< UNIT LOCAL	COST >>> FOREIGN	CCAL LOCAL	CUST Fore I GN	\\\\\ A101
unnesteurlung /listancous Tailors							
uperstructure (limber;Span Jm;101)	A2	0.00	40,079	3,539	0	. 0	
uperstructure (Timber;Span 5%;10T)	42	0.00	44,394	3,90B	0	. 0	
uperstructure (limber;Span 8m;101)	æ2	0.00	50,802	5,134	0	0	
uperstructure (limber;Span 30;8MSQ)	*2	0.00	49,696	4,376	0	0	
operstructure (fimber;Span Sa;8H50)	#2	0.00	54,255	4,742	0	ij.	
uperstructure (limber;Span 8m;RM50)	a 2	0.00	68,810	6,003	0	()	
uperstructure (Concrete;Span 3m;BM50)	92	0.00	40,195	103,551	0	0	
operstructure (Concrete;Span 5m;8H50)	#2	0.00	47,858	115,886	0	0	
uperstructure (Concrete;Span Be;8H50)	₩2	0.00	51,623	176,328	Q.	0	
uperstructure (Concrete;Span10m;DH50)	# 2	0.00	56,675	143,635	Q	0	
uperstructure (Concrete;Span15ø;BM50)	a2	0.00	61,652	169,392	0	0	
ubstructure (Pier;for Timber;101)	NO	0.00	349,086	32,B44	0	. 0	
obstructure (Abut;for Timber;101)	NO	0.00	945,723	154,109	0	0	
ubstructure (Fier;for Timber;8H50)	NO	0.00	513,397	18,695	Ô	0	
ubstructure (Abut; for Timber; 8H50)	NO	0.00	1,069,576	171,273	Ò	0	
ubstructure (Pier; for Concrete; BN50)	NO	0.00	1,524,140	455,692	Ô	i ò	
ubstructure (Abut: for Concrete; 9H50)	NO	0.00	3,131,466	962,632	. 0	ò	
emplition of Bridge (limber->limber)	e 2	0.00	11,066	1,371	0	ò	
emolition of Bridge (Timber->Concrete)	#2	0.00	11,066	1,371	ŏ	ò	
emolition of Bridge (Concrete)	m2	0.00	74,972	78,195	0	0	
aintenance of Timber Bridge (New)	62	0.00	1,257	1,120	0	0	
aintenance of Concrete Bridge (New)	6 7	0.00	1,676	2,866	0	0	
aintenance of Timber Bridge (Exist)	a2		6,957	2,400	170,446	59,800	227,2
aintenance of Concrete Bridge (Exist)	8 2	58.80	3,664	2,413	215,443	141,884	357,3
	• • • • • • • • • • • • • • • • • • • •						
(Hithout Overhead)	1	IOTAL COST	Wieber Bride		0	0	
		OTAL BOOK	(Contrete Bri	•	0	0	
		OJAL CUST	lwithout Hair	itenance)	0	0	
(Overhead : 15%)		INTAL COST	(Tieber Brid	10)	0	. ()	
Core-negg a year		2007	(Concrete Bri		ů Ú	0	
· ·			some etc til	oyer	V		

KAB : LAMPUNG TENGAH

CLINE MO : 65 (IIIA)

LENGTH : 9 Km

		21.4					(Rp)
[] E H	UNIT	QUANTITY	<<< UNIT	COSI >>> FOREIGN	<<<<< £0CAL	COST FOREIGN	>>>>> TOTAL
Superstructure (limber;Span Jm;101)	#2	0,00	40,079	3,539	- Q	0	. 0
Superstructure (limber:Span Sm;101)	# 2	0.00	44,394	3,908	0 :	0	0
Superstructure (limber;Span 8m;101)	#2	0.00	58,802	5,134	0	0	. 0
Superstructure (limber;Span 3m;RHSO)	62	0.00	49,696	4,376	0	0	Q
Superstructure (Timber;Span Sm;BMSO)	• 2	0.00	54,255	4,742	0	0	(
Superstructure (Timber;Span 8m;8H50)	. =2		68,810	6,003	0	0	0
Superstructure (Concrete;Span 3m;BH50)	#2	0.00	48,185	103,551	0	0	. 0
Superstructure (Concrete:Span 5m:8HSO)	a2		49,859	115,886	0	0	0
Superstructure (Concrete; Span 8m; RMSO)	a 2		51,623	126,329	1,393,921	3,410,856	4,804,677
Superstructure (Concrete; Span10m; BM50)	• ?		56,675	143,635	. 0	0	0
Superstructure (Concrete; Span15m; 8M50)	n2		61,657	169,392	g ·	0	Q
Substructure (Pier;for limber;101)	NO	0.00	349,086	32,844	0	0	. 0
Substructure (Abut; for Timber; 101)	KO		945,723	154,108	0	0	0
Substructure (Pierifor Timber;8H50)	HO		513,397	48,605	0	0	. (
Substructure (Abut; for Timber; BMSO)	HO		1,069,576	171,273	0	0	0
Substructure (Pierifor Concrete; PN50)	HO		1,524,140	455,692	0	0	(
Substructure (Abut: for Concrete; RMSO)	NO		3,131,466	962,632	6,262,932	1,925,264	8,188,196
Desolition of Bridge (Timber >limber)	m2		11,066	1,371	0	0	0
Demolition of Bridge (Timber->Concrete)	a2		11,066	1,371	0	. 0	0
Deaplition of Bridge (Concrete)	e 2		74,972	78,195	0	0	0
Maintenance of limber Bridge (New)	a 2	0.00	7,257	1,120	: . · · · · · · · · · · · · · · · · · ·	0	(
Maintenance of Concrete Bridge (New)	= 2		1,676	2,866	45,252	77,382	122,634
Haintenance of limber Bridge (Exist)	•2		6,957	2,400	0	. 0	C
Haintenance of Concrete Bridge (Exist)	a 2		3,664	2,413	143,628	94,589	238,217
(Without Overhead)		TOTAL COST	(Timber Brid	ge)	0	0	(
			(Concrete Br	i dge l	7,656,753	5,336,120	12,992,87
	•	TOTAL COST	(without Mai	ntenancel	7,656,753	5,336,120	12,992,87
(Overhead : 15%)	•	TOTAL COST	(Timber Brid	ge)	0 -	0	
			(Concrete Br		8,805,266	6,136,538	14,941,80
	•	TOTAL COST	(without Hair		8,805,266	6,136,538	14,941,80

KAB : LAMPUNG TENGAH

LINK NO : 69 (IIIB-1) LENGIH : 8 Km

							(Rp)
1 T E H	זואט	QUANTITY	<<< UNIT LOCAL	COST >>> FOREIGN	(((((LOCAL	COST FOREIGN	>>>>> TOTAL
	******	,- 4 a a a a a a a a a a a			** (* = * * * * * # * #		
iuperstructure (Timber;Span 3m;10T)	a 2	0.00	40,079	3,539	0	0	. 0
Superstructure (limber;Span Sm;101)	67	0.00	44,394	3,90B	0 .	0	. 0
Superstructure (Timber;Span Ba;101)	₽2	0.00	58,802	5,134	0	0	- 0
uperstructure (limber;Span 3m;8H50)	· #2	0.00	49,696	4,376	0	0	. 0
Superstructure (Timber;Span 5m;OHSO)	#2	0.00	54,255	1,742	0	0	0
luperstructure (limber;Span Bm;AH50)	s 2	0.00	69.810	6,003	0	0	Ú.
Operstructure (Concrete:Span 3a:BH50)	s 2	0.00	48,185	103,551	. 0	Ó	0
imperstructure (Concrete:Span 5n:0850)	e 2	0.00	49,858	115,884	0	0	, O
Superstructure (Concrete;Span Ba:ENSO)	a 2	0.00	51,623	176,328	Ô	. 0	0
imperstructure (Concrete;Spani0a;BHSO)	∌?	0.00	56,675	143,635	0	O	0
Superstructure (Concrete;SpanlSo;BMSO)	a2	0.00	61,657	169,372	0	0	.0
Substructure (Piersfor limber;101)	NO	0.00	349,086	32,844	Ú	0	0
Substructure (Abut:for Timber:101)	NO	0.00	715,723	154,108	0	. 0	0
Substructure (Piersfor Timber: BN50)	NO	0.00	513,397	48,605	0	. 0	. 0
abstructure (Abut:for Timber:PHSO)	NO	0.00	1,069,576	171,273	Û	0	. (
Substructure (Pierifor Concrete; 8850)	NO.	0.00	1,524,140	455,692	0	0	0
ubstructure (Abut for Concrete:PMSO)	NO	0.00	3,131,466	962,632	0	0	G
esolition of Bridge (Timber-)Timber)	* 2	0.00	11,066	1,371	0	0	0
emolition of Bridge (limber-)Concrete)	a2	0.00	11,066	1,371	. 0	. Ą	
emolition of Bridge (Concrete)	a 2	0.00	74,972	78,195	0	0	(
laintenance of Timber Bridge (New)	92	0.00	1,257	1,120	0	. 0	(
laintenance of Concrete Bridge (New)	a 2		1,676	2,866	0	0	(
laintenance of limber Bridge (Exist)	a 2	0.00	6,957	2,400	o O	0	: (
laintenance of Concrete Bridge (Exist)	e.2		3,664	2,413	117,248	77,216	194,464
(Without Overhead)		IOTAL COST	(Nieber Brid		0	0	(
			(Concrete Br	i dge)	0	Ů	i
		TOTAL COST	(without Mai	ntenance)	0	0	(
(Overhead : 15%)		INTAL PROT	(Timber Brid		0	0	
r overness : 134 /		10 IML 6031			-	-	,
			(Concrete Br	dabl	0	Ó	

PROV : LAMPONS.

KAR : LAMPUNG TENGAH

LUME NO : 96 (IIIA)

LENGTH : 12 Km

***************************************	***************						*********
ITEN	UNIT	QUANTITY		COST >>> FOREIGN	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	COST FOREIGN	(OLAL
***************************************	********	:					**********
uperstructure (limber(Span 3m;191)	a ?	0.00	40,077	3,539	0	0	0
uperstructure (limber:Span 5m;101)	a2	0.00	44,394	3,909	0	()	0
uperstructure (Timber;Span 8m;101)	- a2	0.00	58,802	5,134	0	0	0
uperstrocture (Timber:Span 3m:8H50)	n?	0.00	49,696	1,376	0	0 -	. (
uperstructure (Tisber:Span 5m:BN50)	92	0.00	54,255	4,742	0	0	
uperstructure (limber:Span Bm;BM50)	. a2	0.00	68,810	6,003	0	0	(
uperstructure (Concrete;Span 3a;RMS	i() •2	0.00	48,185	103,551	. 0	. 0	
uperstructure (Concrete;Span 5#;RMS	i01 n 2	0.00	49,858	115,886	0	0	(
uperstructure (Concrete;Span 8m;BHS		0.00	51,623	126,328	0	0	. (
uperstructure (Concrete;Spanios;BM)		0.00	56,875	143,835	0:	0	
uperstructure (Concrete;SpantSa;BM:				169,392	. 0	0	. (
ubstructure (Pier;for limber;101)	NO	0.00	349,086	32,844	0 .	. 0	
ubstructure (Abut;for Timber;101)	NO	0.00	945,723	154,108	1)	0	* 1
ubstructure (Pier;for limber;8850)	NO	0.00	513,397	48,605	0	Đ.	
ubstructure (Abut;for Timber;8850)	NO	0.00	1,069,576	171,273	0 -	. 0	
ubstructure (Pier;for Concrete;PAS))) NO	0.00	1,524,140	455,692	0	0	
mbstructure (Abut:for Concrete:PHSC		0.00	3,131,466	962,632		0	1,000
emplified of Pridge Himber-Nimber		0.00	11,086	1,371	. 0	0	
emolition of Bridge (limber-)Concre		0.00	11,066	1,371	0	0	
emolition of Bridge (Concrete)	a 2	0.00	74,972	78,195	0	0	*
aintenance of Timber Bridge (New)	# 2	0.00	7,257		.0	0. 4.0	
aintenance of Concrete Prioge (New)		0.00	1,676		• • • • •	0	. '
aintenance of limber Bridge (Exist)		95.00	6,757	2,400	660,915	228,000	889,91
aintenance of Concrete Bridge (Exis	st) a?	20.00	3,664	7 413	73,280	48,260	121,54
/ Hithaut Ourshard \		INTAL FACI	(Tieber Bridg		0	0	
(Without Overhead)		IUINE CUDI	(Concrete Bri		Δ	ů ů	
		701A) COCT	(without Kain			0	
	······································	IUIMI CUSI	MITHOUT DAIR		·		
(Overhead : 15%)	·	TOTAL COST	(Timber Brid	gel	0 .	0.	
			(Concrete Br		ŋ	0	
		TOTAL COST	(without Main	ntenancel	0	0	

