P850: 5

Ş		ı.		EXISTING FACILITY		REQUIRED NO, OF		EXPANSION	END OF	. L
3	5	41	NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS 2MB/S		NO.OF ZM SYSTEM	NO. OF 2M	HEMARKS
	ARGAMAKAR		:		5	\$	~	2 2G-8M	8	e*
			4 2G-6M	TRANS-SUM	BN			? !	C)	
		# 177 M M M M M M M M M M M M M M M M M M	12 CH SCPC	Sek	1000					
	MUARA AMAN		12 CH SCPC	SBK		22	-	1 2G-17M	**	
	MANNA		24 CH SCPC	SATELLITE		8	69	3 2G-17M	ю	
					LE IN PA		~	2 2G17M	6	
		BINTUHAN	5 CH SCPC	Sek		\$ 8	<u>.</u> .	1 2G-17M	, ,	
-		TALO				8	*	1 20-17M	-	
	JAMBI CENTRUM		Ø		TC, SC		62	54 M/W	62 B	62 BACKBONE
	٠		4 6G-140M	4 6G-140M TRANS-SUM	<u>a</u>					
			4 6G-140M	4 6G-140M TRANS-SUM	JKT					
			12 8G-140M	12 8G-140M TRANS-SUM	PC IN SA		7	თ	14	
•			24 CH SOPC	SATELLITE						
					LE IN PA		-	1. 2G-17M	-	
			15 CABLE	TEL-!!!	JUNCTION		8	19 F0-155M	2	
		JAMBI KOTABARU	7 CABLE	ÆL-Ⅲ	JUNCTION		85	11 FO-155M	18	
		JAMBI TELANAIPURA	16 CABLE	TEL -III	JUNCTION		83	12 FO-155M	83	
		SEKARNAM	***************************************			80	-	1 2G-17M	1	
	KUALA TUNCKAL		4 2G-8M	PST	ē,	ន់	64		4	
			24CH SCPC	SATELLITE						
	MUARA BULIAN		4 2G8M	SISTRANSJASIKA	88	83	-		¥	
	BANGKO		4 2G-8M	PST	ar	*		-	<u>კ</u>	3 CABLE ENTRANCE
			18 CH SCPC	SATELLITE						
					LEINPA			1 2G-17M	-	
		SOROLANGUN				9	-	1 2G-17M	1	
	MUARA BUNGO		24 CH SOPC	SATELLITE		248	-	1 FO-34M	+	
	SUNGAL PENUH		28 CH SCPC	SATELLITE		48	64	2 FO-34M	2	-
								I I I I I I I I I I I I I I I I I I I		

Pege: 1

ć	S	<u>u</u>	:	EXISTING FACILITY		REQUIRED NO. OF	D, OF	~	z	END OF	
3	2	T	NO.OF ZM SYSTEM	PROJECT	DESTINATION	CIRCUITS	2MB/S	NO.OF 2M SYSTEM	SYSTEM	REPELITA-VI NO. OF 2M	REMARKS
ξž	JAKARTA		3		OTHER TRUNK		88,				
			122 6G-140M	122 6G-140M TRANS-SUM							
		÷	117 8G-140M	117 8G-140M JAWA-BALI D-MM							
			118 6G-140M	116 6G-140M JKT-SBY FO-1							
			84		POINSA		22	8		85	
			-								
			1020CH FDM/FM	SATELLITE						1,020CH	
			248CH TDMA	SATELLITE		£,		1,055CH		1,30108	
		- :	2CH SCPC	SATELLITE						2CH	2CH CIBINONG
			303CH SCPC	SATELLITE						339CH	339CH GAMBIR
			12CH SCPC	SATELLITE						12CH	120H KALIBATA
											NO I COMOS
		ANCOL	373 FO				174			8	
			16 FD	WB							
			67 4	PBH						٠	**
:		:	35 FO	JATABEK							
		BALARAJA	0				ន	ន	ę.	8	
		BANTAR GEBANG	28 50	JATABEK			2	9	٤	4	
		BEKASI-I (TIMUR)	2				199			234	
		:	12 6G-140M	12 6G-140M JAWA-BALID-MM	KARAWANG						٠
	-		88 57	JATABEK							
		BEKASI-II (SELATAN)	135				\$			571	
			38 FC	JATABEK		٠				\$	
	100 100 100 100 100 100 100 100 100 100	SEKASI-III (BARAT)	9 22.			٠	112	• .		***	
	: :_		28 FO	JATABEK							
٠.		CAWANG	511				375			670	
			55 FO	JATABEK							

ç	Š	ņ		EXISTING FACILITY		REQUIRED	EXPANSION	z	END OF	
,	2		NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS 2MB/S	NO.OF 2M SYSTEM	YSTEM	NO. OF 2M	HEMARKS
		CEMPAKA PUTIH	1,289		•	3,4	1,634		1,738	
			272 FO	WB						
			9	PBH-S		٠				
			147 FO	JATABEK						
		CENGKARENG	413			2	745 302	ç	746	
			9. FO	JATABEK				٠		
	·	CIBINONG	7172			-	142		X	
			2 2G 34M	2 2G - 34M JKT-800 D-M/W	BOGOR					•
			8 5	JATABEK						
		CIKARANG	(Q	228		543	
			243 FO	JATABEK						
		CIKUPA	a				49 49	요	\$	
		CLEUNGSI	4			***	111		111	
			107 FO	JATABEK						•
		CILINCING	112			6	360 68	ይ	38	
			44 FO	WB						
		-	139 FO	JATABEK						
		CLEDUG	28 FO	JATABEK		-	139. 111	ይ	\$	
		CINERE	314			•	175		*	
	•		50 50	JATABEK						
		CIPETE	373			စ	191 689	5	888	
			tas Fo	JATABEK						
		CIPUTAT	220			2	251		80	
			74 50	JATABEK					٠	
		CURUG	0				% %	8	8	
		CIPONDOH	88				8		8	
		DEPOK 1	152			8	214 40	S S	214	
			6 6G-140M	6 6G-140M JKT-800 D-M/W B	водов					
٠			22 FO	JATABEK	٠					
		DEPOK 2	161			T-	175 4	8	175	
			10 FO	JATABEK						

GAMBIR-I GAMBIR-II GAMBIR-II GAMBIR-II JATINEGARA-I JATINEGARA-I JATINEGARA-I JATINEGARA-II JATINEGARA-II MALBATA-II KALBATA-II		EXISTING FACILITY				EXPANSION	Z	PO OF	
GAMBIR—I GAMBIR—I GAMBIR—I JATINEGABA—I JATINEGABA—I JATINEGABA—I JATINEGABA—I MALBATA—I KALBATA—I KALBATA—I	NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS 2MB/S	, ,	NO.OF 2M SYSTEM	SYSTEM	NO. OF 256	N
GAMBIR—II GANDABIA JAGAKARSA JATINEGARA—I JATINEGARA—I JATINANUS JONGGOL KALIBATA—I KALIBATA—II	2,823				3,727			4,201	
GAMBIR-II GANDARIA JAGAKARSA JATINEGARA-I JATINEGARA-I JATINANIG JONGGOL KALIBATA-II KALIBATA-II	112 FO V	WB							
GAMBIR—II GANDARIA JAGAKARSA JATINEGARA—I JATINEGARA—I JAC CENGKARENG JONGGOL KALBATA—I KALBATA—II	02 008	INDOSAT						٠	•
GAMBIR—II GANDARIA JAGAKARSA JATINEGARA—I JATINEGARA—I JANUNGAOL KALBATA—II KALBATA—II	9 50	PBH-S							
GAMBIR—II JAGAYARSA JATINEGARA—I JATINEGARA—II JATINEGARA—II SATIVWANG JONGGOL KALBATA—II KALBATA—II	358 FO J	JATABEK							
GANDARIA JAGAKARSA JAGAKARSA JAGAKARSA JATINEGARA-I JATINEGARA-I JANUWUNG JONGGOL KALIBATA-II KALIBATA-II	3,18				485	22	Ω.	1,564	
GANDARIA JAGAKARSA JATINEGARA-I JATINEGARA-I JATINEGARA-I JATIUWUNG JANUMUNG JANUMUNG JANUMUNG KALIBATA-I KALIBATA-I	128 FO v	WB							
GANDARIA JAGAKARSA JATINEGARA-I JATINEGARA-II JATUWUNG JANGOOL KALBATA-II KALBATA-II	311 FO	JATABEK						•	
JAGAKARSA JATINEGASA-I JATINEGASA-I JATINEGASA-I JATINANNG JATISANNG KALBATA-II KALBATA-II	224				5			Ŕ	
JAGAKABSA JATINEGABA-I JATINEGABA-II JATINEGABA-II JATIUWUNG JATIUWUNG KALBATA-II KALBATA-II	9 60	wa							
JAGAKARSA JATINEGARA-I JATINEGARA-I JATINWUNG JONGGOL KALIBATA-I KALIBATA-I	52 53	JATABEK		٠				٠	
JATINEGABA-1 JATINEGABA-1 JATINANING JANGGOL KALBATA-1 KALBATA-1	28				200	ই	ß	200	
JATINEGARA-I JATINEGARA-II JATINGARA-II JATINANUS JANGGOL KALIBATA-II KALIBATA-II	5 70	JATABEK							
JATINEGARA!! JIAC CENGKARENG JATIUWUNG JONGGOL KALBATA! KALBATA!								-	INCLUDING IN JT-II
JIAC CENGKARENG JANUWUNG JONGGOL KALIBATA-II KALIBATA-II	2,008				2,784	煮		2,784	
JIAC CENGKARENG JATUWUNG JONGGOL KALIBATA-I KALIBATA-I	72 50	WB							
JIAC CENGKARENG JATUWUNG JANUMUNG JONGGOL KALIBATA-II KALIBATA-II	8 FO	PBH-S							
JIAC CENGKARENG JATUWUNG JONGGOL KALIBATA-I KALIBATA-II	492 FO	JATABEK				٠			
JATIUMUNG JONGGOL KALIBATA—I KALIBATA—II	95				132			16	
JATIUMUNG JONGGOL KALBATA - I KALBATA - I KALBATA - II	8 FO	WB							
JATICWUNG JONGGOL KALBATA – I KALBATA – I KALBATA – II	6 6	JATABEK	-						
JONGGOL KALBATA – I KALBATA – II KEBAYORAN	ដ				8	37		.	
KALIBATA—I KALIBATA—II KEBAYORAN	:				ñ	5	S	16	
KALIBATA—II KEBAYORAN	Ŕ				\$			413	
KALIBATA~!) KEBAYORAN	20 FO	WB	÷.						
KALIBATA-II KEBAYORAN	47 FO	JATABEK							
KEBAYORAN	218				241	4	ß	241	
KEBAYORAN	OH 61	JATABEK							
	1,900				2,712	461	5	2,712	
	OH 98	WB		ν.					
71		PBH-S							

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Ç	S	ij		EXISTING FACILITY		REQUIRED NO. OF	NO. OF	EXPANSION	NOIS	END OF	0 0 3 0 0
,	2	-	NO.OF 2M SYSTEM	PROJECT	. !	- 1	2MB/S	NO.OF 2M	SYSTEM	NO. OF 2M	
		KEDOYA	222				260			270	
			32 FO	WB							
		-	is Fo	JATABEK							
		KELAPA GADING	277				366			440	
			163 FO	JATABEK							
		KLENDER	523				笠			246	
			t8 FO	JATABEK							
		KOTA-I	433			-	322			483	
			4 07	WB							
			4 8	P8H-3		٠					
			42 F0	JATABEK							
		KOTA-II	1,719				1,783			2,080	٠
			98 CF	. AV							
			8	PBH-S							
			229 FO	JATABEK						•	
	٠	KOTA-II	909				203			202	
			65 67	WB							
			8	JATABEK							
		MERUYA	158				198	X 3	ያ	<u>85</u>	
	٠		15 FO	JATABEK							
		PALMERAH	708				574				
		-	48 FO	WB							
			88	JATABEK							
		PASAR KEMIS	a				ಹ	છ	ይ	ឆ	
		PASAR MINGGU	082				184			311	
			9 FO	WB							
			og et	JATABEK							
		PASAR REBO	223				55			828	
			22 57	WB							
			8. 5.	JATABEK							
		PENGGILINGAN	185		-		16			325	
			84 50	WB							
			88	JATABEK							

TABLE 4C-4 DISITAL TRANSMISSION SYSTEM IN WITEL-IV

	NO.OF 2M SYSTEM	EXISTING FACILITY PROJECT	DESTINATION	REQUIRED !	1	EXPANSION NO.OF 2M SYSTEM	END OF REPELITA-VI. NO. OF 2 ^M	REMARKS
	434			ļ	88		910	
	112 60 4	WB						
	? €.	JATABEK						
	992				8		172	
	5 50	JATABEK						
	472				2		226	
	0.25	JATABEK		4				
•	649				88		800	
	W F0	WB						
_	122 FO	JATABEK						
	2 67 83	JATABEK			\$	18 FO	9	
		•		_	\$	5 5	4	
æ	822	i			**		1,685	
~	148 FG V	WB .		-				
æ	O-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	INDOSAT						
ã	85 57 3	JATABEK						
2,142	1.				1,78		3,259	
168 FO	٠.	wa						
8	03.008	INDOSAT						
	67.	PBH-S						
4.	145 FO . J	JATABEK						
28					92		503	
è	21 50	JATABEK			:			
1,283	52				1,962		2,637	
8	OF 080	WB						
×	78 FG	INDOSAT						
	12 50	PBH-S						
•	Q.	JATABEK						
					47	et.	W)	
					EQ.	8	*	:

MUARA GEMBONG

				THE PARTY OF THE P		THE PERSON NAMED IN	110				
ç	à	ī		EXISTING FACILITY		RECOURED NO. OF		EXPANSION	8	END OF	200
			M SYSTE	PROJECT	DESTINATION	CARCUITS	إز	NO.OF 2M	J.	NO. OF 2M	o can and a
		TANGERANG	226 FO	WB			8			88	
			38 FO	WB							
			6 FO	JATABEK							
		TANJUNG PRIOK	5				411			885	
			50 FO	WB							
			9 70	PBH-S							
			88 F0	JATABEK							
		TEBET	679			٠	*			83	
			146 FO	JÅTABEK							
		TEGAL ALUR	+				472	946	S.	472	
			12 F0	JATABEK							
		TIGA RAKSA					88	88	6	88	
		CIBUBUR (GAN DLU)	. 21				ដ	5	8	8	
		CISALAK (TB DLU)	14 FO	JATABEK			18	4	5	18	
		KRANGGAN (PDG DLU)	12				49	8	õ	48	
		CABANGBUNGIM (GAN DLU)					43	4	S	4	
		CIBARSAN (SRG DLU)					4	4	6		
		CIBITUNG (CIK DLU)					‡	#	ß	4	
		LEMAHABANG (CIK DLU)					*	4	5 S	4;	
		PEBAYURAN (MGN DLU)					w	ų,	5	1O	
		TANBELANG (STN. DLU)					ĸ	ц	6	vo	
		TARUMAJAYA (BKB DLU)					4	4	6	4	
		CARIU (JIGL DLU)					900	æ	Q.	co	
		CITEUREUP (JGL DLU)					ë	8	5.	18	
		LEGOK (CUG DLU)	0				ន	25	S.	22	
		KRESEK (BLJ. DLU)					ж	40	ß	40	
		KRONIO (BLJ DLU)					ĸ	10	S.	40	
		MAUK (PSK DLU).					7	7	6	-	
		RAJEG (PSK DLU)					מא	ю	S	ų,	
		SEPATAN (PSK DLU)			•		54	42	6	12	
		TELUK NAGA (CKG DLU)					7		Ğ.	-	
		CISOKA (TGS DLU)				٠	ю	4 0	8	*0	

			TATE OF CHATCHER			į	0.44000		10	
SC	ᄧ						N AND CO	ו ו ו ו ו	BEDELITALM	200
		NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS	1	NO.OF 2M	SYSTEM	NO. OF 2M	200
	BOJONG GEDE (PSM DLU)					65	\$ª	8	\$£	
	GUNUNG SINDUR (PSM DLU)					æ	œ	22	œ	
	PARANG (PSM DLU)					ន	83	6	ĸ	
	RUNPIN (PPG DLU)					சு	.	٤		
	SEAPONG (BSD) (PSM DLU)	104				113			138	
		30 FO	JATABEK					٠		
	MUARA KARANG (KTZ DLU)					118	118	S.	118	
	PADEMANGAN (ANC DLU)					\$	2	S.	**	
	SUNTER (ANC. DLU)	100 FO	PBHS			Ŧ			6	
	KGP (KELAPA GADING PERMA)	. 0 (a				82				
	KEBAYORAN BINTARO (KBB)	528				82			83	
	KMY (KEMAYORAN)	8				0				
	PGB (PROGEBAN)	0				52				
	RSS (BASUNA SAID)	o				\$				
	CBB (CIBUBUS)	12	:			ដ				

C O	U	EXISTING FACILITY		REQUIRED NO. OF	EXPANSION	END OF	2 1
		NO.OF 2M SYSTEM PROJECT	DESTINATION	CARCUITS 24/8/S	NO.OF 2M SYSTEM	NO. OF 2M	RCMANA OVUL
BD CENTRUM (1)		140	TC, SC	905	2 482 FO,M/W	802	802 BACKBONE
		32 FO-140M JKT-SBY FO-1	Σ				
		8 FO-140M JKT-SBY FO-1	X8 6				
		4 FO-140M JKT-SBY FO-1	WS.		•		
		4 FO-140M JKT-SBY FO-1	¥				
		4 FO-140M JKT-SBY FC-1	ML				
		4 FO-140M JKT-SBY FO-1	OPR				
*		4 FO-140M JKT-SBY FO-1	MN				
		4 FO-140M JKT-SBY FO-1	870			-	
		4 FO-140M JKT-SBY FO-1	Nao				
		4 FO-140M JKT-SBY FO-1	PWT		:		
-		32 8G-140M JAWA-BALI D-MW	돷				-
-	***	4 6G-140M JAWA-BALIO-M/W	MOM				
		4 6G-140M JAWA-BALLD-MIN	ā		:		
		8 6G-140M JAWA-BALID-MIW	. ‱				
		4 8G-140M JAWA-BALLD-MM	. WS				
	. •	4 BG-140M JAWA-BALID-M/W	¥				
		4 8G-140M JAWA-BALI D-MW	0.8				
		4 8G-14DM JAWA-BALID-MW	PWT				
		4 6G-140M JAWA-BALID-M/W	CBN				
		16CH SCPC SATELLITE					
				٠	177CH TOMA	177CH	
	-	72	PC IN SA	88	22	101	
		16	LE IN PA	8	16	32	
		167	JUNCTION	1,178	3 1,011 FO-620M	1,178	
	BANJARAN	4 25-8M SISTRANSJASIKA		8	21 21	64	
	BDG, BARAT		JUNCTION	8		88	
	BDG, CUAURA	31 CABLE	JUNCTION	88	88	8	
	BDG. DAGO	36 CABLE	JUNCTION	115	5 79 FO-620M	115	
	BDG. GEGERKALONG (III	-	JUNCTION	180		81	
		8 FO-140M CH-EXPANSION	LEMBANG				
	BDG, KOPO	16 CABLE	JUNCTION	141	125 FO-620M	141	
	BDG. LEUWIGAJAH	. 0	JUNCTION	28	2 82 FO-620M	28	
	BDG. TEGALLEGA	56 CABLE	JUNCTION	1 2	195 FO-620M	10	
	вра. тімия	145 FO-140M	JUNCTION	27.1	126 FO-620M	. 271	
	BDG, TURANGGA	100 FOJCA	JUNCTION	131	31 FO-140M	131	
	BDG. UJUNGBERUNG	8 CABLE	JUNCTION	85	2 84 FO-620M	35	
	100	MA FOLISADM	NOLLUNIO	907	E C C C C C		

TABLE 40-5 DIGITAL TRANSMISSION SYSTEM IN WITEL-V

S.	<u>u</u>	EXISTING FACILITY		REQUIRED NO. OF		EXPANSION	END OF DECEMBER 17.1	
		NO.CF 2M SYSTEM PROJECT	DESTINATION	CIRCUITS 2M	2MB/S NO.OF 2M	ZM SYSTEM	NO. OF 2M	9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	CICALENGKA	4 FO-140M JKT-SBYFO-1		4	8			4
	CIMAHI	36 FO-140M JKT-SBYFO-1	JUNCTION		85	56 FO -620M	•	35
		4 FO-140M JKT-SBY FO-1	PADALARANG			. 41		0
	CHMIDEY			20	-	1 FO-34M		#n
	PAMEUNGPEUK	•	JUNCTION		41	47 FO-156M	•	£:
	DAYEUH KOLOT (I) (NEW)	8 6G-140M JAWA-BALID-MIN	JUNCTION		ន	15 FO-620M	•	ន
	LEMBANG	8 FO-140M CH-EXPANSION	JUNCTION		88	18 FO-140M	••	28
	MAJALAYA	4 1,5G-8M REMOTE-2		162	60	2 1.5G-BM		S TO ECPAND SYSTEM
	PADALABANG		8	8 01	4	4 FO-140M	٠	4 fourtize Bost
		4 FO-140M JRT-SBY FO-1	CIMAHI			. व		0
	PANGALENGAN			28	_	1 50-3434		-
	HANCAEKEK			168	7	7 FO - 34M		2
	SANTOSA			12		1 FO-34M		•
	CKALONG WETAN			15	-	1 FOLSEM		***
	GUNUNG HALU			85	2	2 2G-17M		2
	SOREANG	4 2G-8M SISTRANSJASIKA		0,	8	-1 2G-8M		3 TO EXPAND SYSTEM
SUMEDANG	ō	12 FO-34M CH-EXPANSION	80	82	69			51
			LE IN PA		23	2 FO-34M		2
	TANJUNGSARI			96	2	2 FO-3#M		2
GARUT		4 FO-140M JKT-SBY FO-1	8	196	7	3 FO-140M		2
		4 FO-140M JKT-SBYFO-1	TSM		4			4
			LE IN PA		۷	2		
	CIBATU			8	-	1 FO-140M		1 TO UTILIZE JKT -S8Y FO-I
	CKAJANG	į.		\$	-	1 FO 3454		
	CISOMPET			2	-	1 FO-34M		,
	KADUNGORA			38	27	2 FO-34M		2
	WANARAJA			88	2	2 FO-34M		2
CIANJUR		8 FO-140M JKT-SBY FO-1	Q	288	5	2 FO-25G		0
		4 FO-140M JKT-SBYFO-1	ର (୧୯)		4			4
		4 FO-140M JKT -: SBY FO-1	BOO (PC)		4			4
		*	LE IN PA		۴.	3 FO-34%		
	CIBEBER			82		1 FO-34M		
F. 9	CKALONG KULON			æ		1 FO-34M		
	CIRANJANG	4 FO-140M JKT-SBY FO-1	3	88	4			*
	AR ABIACANTS			ĝ		10-34W		

ABLE 4C-5	-5 DIGITAL TRANSMIS	DIGITAL TRANSMISSION SYSTEM IN WITEL -V						FILE: TR-SYSOSWK1
သွ	PC .	9	EXISTING FACILITY NO YELLY CONTENT	10 February 10 Co.	REQUIRED NO. OF	EXPANSION	END OF REPELITA-VI	REMARKS
	PUBWAKABTA		26-34M JAW	SOUR III OHO	C/GW7	1		50
				LE IN PA		52	•	23 TO EXPAND SYSTEM
		PABUARAN SUBANG	0 2G-17M REMOTE-2		52	N		
		PAMANUKAN	2 2G-17M REMOTE-2		170	6 4 20-17W		w
		SUBANG	3 1,5G-8M REMOTE-2		88	8 5 1.5G-BM		B TO EXPAND SYSTEM
		CIKAMPEK	2 1,59-8M REMOTE-2		210	7 5 1,5G-8M		7 TO EXPAND SYSTEM
	TASIKMALAYA		14 FO-140M JKT-SBYFO-1	8	888	34 20 FO-25G	•	8
			4 FO-140M JKT-SBY FO-1	GRT		4		₹
			18	LE IN PA	89	38 18		37
		BANJAR	3 2G-17M REMOTE-2		194	7 4 2G-17M		7 TO EXPAND SYSTEM
			2 2G-17M REMOTE-2	CIAMIS				cv.
		BANIARSARI	2 1.5G-BM REMOTE-2		128	5 2 1.5G-8M		5 TO EXPAND SYSTEM
		CLAMIS	4 2G-34M REMOTE-2		132	5 1 2G-34k		5 TO ECPAND SYSTEM
			2 2G-34M REMOTE-2	BANJAR				
		CIAWI TSM	2 1,5G-8M REMOTE-2	٠	06	3 1.56-8M		8
		CIBALONG	2 1,5G-8M REMOTE-2		ឌ			61
		CIKONENG TSM	2 1,5G-8M REMOTE-2			3 1 1,5G-BM		
		PANGANDARAN	2 1,5G-8M REMOTE-2		901	5 3 1.5G-BM		5 TO EXPAND SYSTEM
		SINGAPARNA	2 1,5G-SM REMOTE-2		164	7 5 1.5G-8M		7 TO ECPAND SYSTEM
	SUKABUMI		8 FC-140M JKT-SBY FO-1	30	900	17 9 FO~2.5G	•	17
			8 FO-140M JKT - SBY FO-1	يخز		æ		603
			4 FO-140M JKT-SBY FO-1	800		4		4
			4 FO-140M JKT-SBY FO-1	ਰ		4		4
				LE IN PA	-	12 10		13
		CIBADAK			82	3 3 FO-34M		63
		CICURUG			**	2 2 2G-17M		2 VA 800
			8 2G-17M REMOTE-3	800		- 2 2G-17M		80
		OKEMBANG			16	1 FO-34M		1 VARADIO
		JAMPANG KULON			138	1 2G-17M		, ~
		JAMPANG TENGAH			14	1 FO-34M		1 VIA RADIO
		KELAPA NUNGGAL			ca .	1 FO-SEN		
		NYALINDUNG			P	1 FO-34M		
		PELABUHAN BATU	6 2G-17M REMOTE-3	ѿ	\$	2 -3 2G-17M		8

NO.007-26 STSTEM PROJECT PROJE				EXISTING FACILITY		REQUIRED NO. OF	O.G.	EXPANSION	SO OF	Tre : In-ologous
SENGKADBIOGLOK 12 50-344 JANA-BALD -4/47 195 50 11 11 50-1404	ပ္တ	S		SYSTEM	DESTINATION	CIRCUITS	18/2	IO.OF 2M SYSTEM	REPELITA-VI NO. OF 2M	REMARKS
12 CO-344	₹	PRAWANG			8	808	=	11 6G-14OM	l	11
The life is the continue of				12 2G-34M JAWA-BALID-M,W	BEKASI		12			
Section Sect				12	LE IN PA		ĸ		٠	12
CSN CERTRIAL CSN CENTRIAL CSN CENTRIAL CSN CENTRIAL CSN CHORAL MANN-BALID-ARM POR CSN CHOR	,		RENGASDENCKLOK		KRW	110	'n			12
Color Centrium 20	β	AMEUNGPEUK				82	-	1 FO-34M		Į.
4 65 -1484 JWAN-BUID-MW 1977 4 65 -1484 JWAN-BUID-MW 1980 684 HALLMAN 1980 685 HALLMAN 1980 685 HALLMAN 1980 686 HALLMAN 1980 686 HALLMAN 1980 687 HALLMAN 1980 688 HALLMAN 1980 688 HALLMAN 1980 688 HALLMAN 1980 688 HALLMAN 1980 689 HALLMAN 1980 68		BN CENTRUM			TC, SC		8	ı		GS BACKBONE
4 65G-140N JANN-BALLD-AWN PON 4 61G-140M JANN-BALLD-AWN PON 5 1 1 10 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				4 6G-140M JAWA-BALI D-MW	JKT					
4 6G-140M JAWA-BALID-M/W RG 46G-140M JAWA-BALID-M/W SSY 4 6G-140M JAWA-BALID-M/W SSY 4 6G-140M JAWA-BALID-M/W SSY 4 6G-140M JAWA-BALID-M/W SSY 6 G-140M JAWA-BALID-M/W SW 6 G-140M JAWA-BALID-M/W 6 G-140M JAWA-BALID-M				4 6G-140M JAWA-BALID-MM	B0					
4 6G-140M JAWA-BALID-NAM				4 5G-140M JAWA-BALI D-MM	NOM					
## SEG-140M JAWA-BALID-WW ## SSY ## SEG-140M JAWA-BALID-WW ## FOUNSA ## SEG-140M JAWA-BALID-WW ## SEG-140M JAWA-B		٠		4 5G-140M JAWA-BALID-MAN	96					•
### ### ##############################				4 SG-140M JAWA-BALI D-MM	×88		·			
FOLKSA 10 2 1 1 1 1 1 1 1 1 1				4 6G-140M JAWA-BALI D-M/W	×					
FE IN PA FE IN POPINS PA FE IN POPINS PA FE IN POPINS PA FE IN PARAMULY FE IN PA FE				4 6G-140M JAWA-BALID-MW	PWT				·	
FE IN PA					PC IN SA		5	73		10
8 LE IN OTHER PA -2 JUNCTION RS 1 FO -34M CBN KANTAWARKUN RS 2 FO -140M JUNCTION -TB JUNCTION RS 1 FO -34M CBN KANTAWARKUN RS 2 FO -140M JUNCTION -TB JUNCTION RS 2 FO -34M CORESON PLERED (DLU) 24 FO -140M JUNCTION -TB JUNCTION RS 2 FO -34M CLOSANT SULVERS REMOTE - CBN FRANCE - CBN 74 3 1.5G -8M LINGORALMT (CLIMAS) R 2G -17M REMOTE - CBN 77 3 1.5G -8M LINGORALMT (CLIMAS) R 2G -17M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 7M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 7M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 4 FG - 5M REMOTE - CBN 77 3 1.2G -8M KAUDPATEN 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					TE IN PA		ω	. 65		Ш
SO JUNCTON 26 1 1 1 1 1 1 1 1 1			-	600	LE IN OTHER PA			1 2		sp.
ASIANWANGUN CORN. KARIAMWANGUN CORN. KARIAMWANGUN CORN. KANAMANGUNA CORN. KANAMANGUNA				8	JUNCTION			ı		. 8
CBN, KARYAMULYA CBN, KARYAMULYA CBN, KARYAMUKTI CBN, KARYAMUKTI CBN, KARYAMUKTI CBN, HABLAMUKTI SERIOLAN SINDAN SINDAN			ARJAWINANGUN			8	-			, -
CORN. FURLANCY 24 FO-140M JUNCTION—TR JUNCTON 28 1 FO-34M 24 FO-140M JUNCTION—TR JUNCTON 28 1 FO-34M 26 2 2 26-17M 26 2 2 26-17M 26 2 2 26-17M 26 2 2 2 2 2 2 2 2			CBN, KARYAMULYA	24 FO-140M JUNCTION-TR	JUNCTION					. %
CIREGON PLERED (DLU) 24 FO-140M JUNCTION—TR JUNCTION 28 1 1 FO-34M LOSAAR LOSAAR SUMBER 3 1,5G-BM REMOTE—2			CBN, HARJAMUKTI	32 FO -140M JUNCTION - TH	NOTION					33
LOGALRI LOGALRI SUNDERR SUNDANG LAUT SUNDERR SUNDANG LAUT			CIREBON PLERED (DLU)	24 FO-140M JUNCTION-TR	UNICTION					24
LOGANNI SUMBER			JAMBLANG			83	-	1 FO - 34M	1	
SUINGER SUINGER SUINGER SUINGER 3 1,5G-8M REMOTE—2 CBN 74 3 1 15G-8M LEN PA 3 1 15G-8M LINGGAGANTI (CLIMUS) 8 2G-17M REMOTE—3 CBN 77 3 1 12G-8M LEN PA 30 1 1 2G-17M MUL 26 17M MUL 26 17M			LOSARI			\$	æ	2 2G-17M		2 TO EXPAND CBN-WALED
SUMBER SUMBER 3 1,5G-BM REMOTE—2 CBN			SINDANG LAUT			8	64	2 FO-34M		c.
1,5G-BM REMOTE—2 CGN 74 3 LE IN PA 1 1.5G-BM LINGGARJATI (CLIMUS) 8 2G-17M REMOTE—3 CGN 72 5 1.2G-17M ANTWANGI KADIPATEN ANTWANGI 4 2G-17M REMOTE—3 CGN 72 5 1.2G-17M ALL ANTWANGI 4 2G-17M REMOTE—3 CGN 72 5 1.2G-17M ALL ANTWANGI 4 2G-17M REMOTE—3 CGN 72 5 1.2G-17M ALL ANTWANGI 4 2G-17M REMOTE—3 CGN 72 6 1 1.2G-8M ANTWANGI 4 2G-17M REMOTE—3 CGN 72 6 1 1.2G-8M ANTWANGI 1 2G-8M REMOTE—3 CGN 110 4 1 1.3G-8M ANTWANGI 1 2G-8M REMOTE—3 CGN 110 4 1 1.3G-8M ANTWANGI 1 2G-8M REMOTE—3 CGN 110 6 5 5 10-8M			SUMBER			48	2	2 FO 34M		2
LINGGABJATI (CLIAUS) RNG RNG RNG RNG RNG RNG RNG RN	SZ.	UNINGAN	r	3 1,5G-8M REMOTE-2	CBN	74	es			
LINGGABJATI (CLIALUS) 8 2G-17M REMOTE-2 CBN 72 3 1 1.5G-8M LE IN PA 2 2 2 LE IN PA 2 2 2 LE IN PA 2 2 2 LE IN PA 3 2 2-17M LE IN PA 3 2 2-17M KNDPATEN 4 2G-6M REMOTE-2 CBN 72 3 1 1.5G-8M LE IN PA 2 2 2-17M LE IN PA 3 2 2-17M LE IN PA 3 2 2-17M LE IN PA 3 2 2-17M LE IN PA 4 2G-17M LE IN PA 4 2G-17M LE IN PA 4 1.5G-8M LE IN PA 4 1.5G-8M LE IN PA 6 5 5 LE IN PA 6 5 5 LE IN PA 6 5 5 LE IN PA 7 2 2G-8M LE IN PA 6 5 5 LE IN PA 7 2 2G-8M					LEINPA		· •	1,5G-84		
1,5G-8M REMOTE-2			LINGGARJATI (CILIMUS)		X	8	-	1 2G-17M		1 TO UTLIZE EDIST
ANTWANGI 4 2G-174 REMOTE-2 CBN 72 3 1 1.5G-8M ANTWANGI 4 2G-174 REMOTE-3 CBN KADPATEN 4 2G-6M REMOTE-3 CBN 3 1,5G-8M REMOTE-2 CBN 1 1,5G-8M				8 2G-17M REMOTE-3	CBN	-		-		7
ANTWANGI 4 2G-17M REMOTE-9 CSN 1 2G-17M KADIPATEN 4 2G-6M REMOTE-9 CSN 110 4 1 1,5G-8M ANT 28 1 1 2G-8M 1 2G-6M 1 2G-6M 1 2G-6M 1 2G-6M 1 2G-6M 1 2G-6M 1 2G-8M 2 2G-8M ANT 28 1 1 1,5G-8M 2 2G-8M ANT 28 1 1 1,5G-8M ANT 28 1 1 1,5G-8M ANT 2 2G-8M	*	WALENGKA		2 1,5G-BM REMOTE-2	CBN	ĸ	63	1 1.8G-8M		50
MJL 28 1 26-17M 126-17M 126-17M 126-17M 126-17M 1 26-17M 26-17M 1 26-17M 1 26-17M 1 26-17M 1 26-17M 1 26-17M 1 26-17M 26-17M 1 26-17M 26-17					LE IN PA		C4	C¥	i.	~
CSN			JATIWANGI	C LACITUDE STATE OF T	. HAU.	8	₩.	1 2G-17M	;	1 TO UTLES EXIST
4 2G-8M REMOTE-2 CBN 110 4 1 1,5G-8M ACM-1 (3E) CBN 110 6 5 5 CG-8M CM-1 (3E) CM-1 (3E) CM-1 CBC CBN CM-1 (3E) CM-1 CBC CBN CM-1 CB			MET SOUTH	+ xc-17# Acxole13	N = N	,	•			100000000000000000000000000000000000000
3 1,5G-8M RENOTE-2 GBN 110 4 1 3 1.5G-8M PGN-4(5)E) LE IN PA 6 5 5 5 4 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					Neo	3	• .	_		9
JATH BARANG 1 ZG-8M PCM-8 (SIE) LE IN PA 64 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	. Z	DRAMAYU	 	3 1,5G-8M REMOTE-2	CBN	110	*	1 1,5G~BM		*
1 2G-8M PCM-it (SIE) 64 3 2	:	. !			LE IN PA		, 40	ĸ		₽
	٠.		JATI BARANG	1 2G-8M PCM-II (SIE)		2	to	2 2G-8M	٠	9
NAMANA AMPEL Second Management Second Managemen										

									FILE: IN-STSCO.WKI
သွ	ပ္	끸	₹ !		ā !	,	¥::	END OF REPEUTA-VI	REMARKS
			NO.OF 2M SYSTEM PROJECT	DESTINATION	CIRCUITS 2M	2MB/S	NO.OF 2M SYSTEM	NO. OF 2M	
JAKARTA	BOGOR	٠	23 6G-14DM JKT-BOO D-M/W	ķ	1,534	22	29 6G-14QM	- -	25
			12 2G-34M CH-EXPANSION	SINDANGLAYA					12
			8 8G-140M JKT-BOO D-M/W	DEPOX					80
			2 89-140M JKT-BOOD-M/W	CIBINONG					8
		.*	4 FO-140M JKT-SBY FO-1	SUKABUMI (PC)			- 2		8
			4 FO-140M JKT-SBY FO-1	G (PC)					4
	-	:	8	LE IN PA		ជ	œ	••	16 .
		BOGOR CIAW! (NEW)			122	เก	5 FO-140M	•-	4
					242	œ	G		LOCAL
		CIAMPEA		-	83	-	1 FO-34M		
		CISARUÁ	8 2G-17M REMOTE-3		25	ĸ			60
		JASINGA			61		1 FO-34M		
		LEUWILIANG			z		1 FO-34M		,
	SINDANGLAYA		12 2G-34M CH-EXPANSION	ВОО	144	'n		**	12
	RANGKAS BITUNG		4 2G-17M REMOTE-2	PK-	80	4			. 4
٠				TE IN PA		~	2 2G-17M		~
		LEUWIDAMAR			12		1 2G-17M		-
	- Add to 100 cm, to 6 at 64 at 10 th	MALINGPING			18	-	1 2G-17M		-
	PANDEGLANG		3 1,50-8M REMOTE-2	支	35	N			8
				LE IN PA		4	4 FO-34M		4
		MENES			R	-	1 FO-34M		-
		SAKETI	:		ន	-	1 FO-34M		-
-		LABUAN			33	2	2 FO-34M		2
	SERANG		6 2G-34M REMOTE-2	JKT ,	374	ā	7 2G-34M	,-	13 TO EXPAND SYSTEM
			12	LE IN PA		52	4.5		
		CIKANDE			150	w	5 PO-34M		ĸ
		CILEGON	4 2G-17M REMOTE-2		198	~	3 2G-17M		7
		CIRUAS			8	-	1 FO-34M		
		GN. LENENG	4 2G-17M REMOTE-3				₹ 7		cv.
		750 177	ELHITOMAN MELGY A		ş	,	t c		Care Care Care Care Care Care Care Care

;		!	ជី	EXISTING FACILITY		REQUIRED NO. OF	40.0F	EXPANSION	END OF	1
ပ္က	ည	<u> </u>	NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS	2MB/S	NO.OF 2M SYSTEM	REPELITA-VI NO. OF 2M	REMARKS
WS	SM JOHAR	· i	92				187	B6 FO,W/W	187	187 BACKBONE
			24 6G-140M JAWA-BALID-M/W	N-BALID-M/W	ţ					
			8 8G-140M JAWA-BALID-M/W	A-BALI D-M/W	O8					
			4 8G-140M JAWA-8ALID-M/W	4-BALID-MAN	OBN					
			4 5G-140M JAWA-BALI D-MW	4-841 D-M/W	MOM					
			4 6G-140M JAWA-BALID-MIN	1-BALID - M/W	۵ 2	-				
			16 6G-140M JAWA-BALID-MW	1-8411 D-MW	88		-			
			8 5G-140M JAWA-BALI D-KIW	MALI D-KAW	NH					
			4 6G-140M JAWA-BALID-MW	-BALID-MW	M					
			4. 6G-140M JAWA-BALI D-MW	A-BALI D-M/W	PAG					
			8 6G-140M JAWA-BALID-M/W	N-BALID-M/W	۶					
			8 6G-140M JAWA-BALI D-M/W	N-BALID-M/W	PWT					
			8		PC IN SA		47	81	*	
			24		PC IN OTHER SA				*	
			6 CH SOPC SATELLITE	THIE	-					
						80		33CH TDMA	HOSS HOSS	
			60		LE IN PA		F	&		
		٠	œ		LE IN OTHER PA				æ	_
			æ		JUNCTION		244	186 FO~620M	**	
÷		BAWEN (NEW)				35	150	2 2G-17M		
		SMG BANYUMANIK	25 CABLE	± :	JUNCTION		\$	15 FO-155M	\$	
		SMG GENUK	17 CABLE		JUNCTION		47	30 FO-155M	47	
		SMG MANGKANG	9 CABLE		JUNCTION		ह	25 FO-155M	\$	
		SMG TUGU	14 FO-140M		JUNCTION		3	31 FO-140M	\$	
		SMG MOJOPAHT	48 FO-140M		JUNCTION		8	21 FO-140M	8	
		SMG SIMPANG (NEW)			:	1,070	8	36 FO-155M	8	
		SMG SIMPANG LIMA	104 FO-140M TEL-III		SUNCTION		181	77 FO-620M	181	
	v.	UNGARAN	3 1,5G-8M REMOTE-2	OTE2		982	0	9	6	_
	KUDUS		16 2G-34M SISTRANSJASIKA	HANSJASIKA	æ	248	œ		. \$2	16 TO EXPAND SYSTEM
			8 FO - 34M CH EXPANSION	EXPANSION	FATI				∵ epi	
i iy		i	12		LE IN PA		*	8	8	
		BANGSRI				8	: +-	1 FO-34M		
	*	DEMAK	1 1,5G-8M REMOTE-2	OTE-2		134	ω.	5 2G-17M	•	:
		JEPARA	3 1,5G-8M REMOTE-2	OTE-2		106	*	1 1.5G-BM	4	4 TO EXPAND SYSTEM
	1.	KELING				5	-	T FO-34M	*	
			4 770,120 111, 000			:	•			

TABLE 4C-6 DIGITAL TRANSMISSION SYSTEM IN WITEL-VI

Ç	<u>n</u>	EXISTING FACILITY				NOIS	END OF	0 0 1 1
.		NO.OF 2M SYSTEM PROJECT	DESTINATION	CIRCUITS 2MB/S	US NO.OF 24	SYSTEM	NO. OF 2M	2 A E M A E A
PURWC	PURWODADI GROBOGAN	3 1,5G-8M REMOTE-2	WS.	102	**	1.5G-8M	4	
		c	LE IN PA		\$		12	
	GODONG			35	61	FO-34M	N	
	GUBUG	8 2G-17M REMOTE-S		4	2		ထ	
	WINOSAH			26	2 2	FO-34M	2	
MAGELANG	ANG	8 2G-34M CH EXPANSION	WO	276	5	2G-34M	5	10 TO EXPAND SYSTEM
-		4 FO - 34M CH EXPANSION	SW				4	
			LE IN PA		19 11		22	
	MAGELANG SELATAN			25	9	FO-140M	77	
				8	10		J	LOCAL
	MUNGKID	4 2G-8M SISTRANSJASIKA		8	~		4	
	MUNTILAN	4 2G-17M SISTRANSJASIKA		87	თ		4	
	TEMANGGUNG	3 1,5G-8M REMOTE-2		190	7 4	FO - SE	7	7 EXISTING SYSTEM
		4 FO-34M CH EXPANSION	PARAKAN				4	
		4 FO-34M CH EXPANSION	SM					
-	TEMPURAN			22	1	FO-34M	1	
KENDAL		4 2G-SAM JAWA-BALID-MIN	SIM	178	9	2G-34M	. 9	6 TO EXPAND SYSTEM
		4	LE IN PA	-	7 4		80	:
	BOJA			r	2	2G-17M	61	
	SUKOREJO			88	2 2	FO-34M	82	
•	WELERI	4 2G-8M PCM-II (SIE)		29	8		4	***************
PATI				194	7 7	FO. 34M	7	
		8 FO-34M CH EXPANSION	KS		1		4	
		18	LE IN PA		13 6		ន	
	JUWANA	8 2G-17M REMOTE-3		88	4		රා	
	LASEM			\$	81	2G-17M	2	2 TO EXISTING SYSTEM
		8 2G-17W REMOTE-3	REMBANG		1.2		Ø	
	REMBANG	2 1,5G-8M REMOTE-2		851	8) 4	4 1.5G-8M	. 6	6 TO EXPAND SYSTEM
		8 2G-17M REMOTE-3	LASEM		- 2		60	
		O 07 04 04 04 04 0		8				

TABLE 4C-6 DIGITAL TRANSMISSION SYSTEM IN WITEL-VI

٠ پ		ų	EXISTING FACILITY		REQUIRED NO. OF	r.	EXPANSION	END OF	6 2 2 4
3	2		NO.OF 2M SYSTEM PROJECT	DESTINATION	CIRCUITS 2MB/S		NO.OF ZM SYSTEM	NO. OF 2M	N N N N N N N N N N N N N N N N N N N
	BLORA		26-17M REMOTE-2	GN.BALADEWA	116	**	4 2G-17M		4 TO EXPAND GN. BLD-PT
			0	LE IN PA		80	n	:	65
		CEPU	3 2G-17M REMOTE-2	BLOFA	102	₹.			4 TO ECPAND SYSTEM
			4 2G-17M REMOTE-2	SM (MAPATI)					
		NGAWEN			ដ		1 FO-34M		
		RANDU BALATUNG	7 = 10 - 20 - 10 - 10 - 10 - 10 - 10 - 10 -		82	-	1 2G-17M		1
	SALATIGA		5 20-17M REMOTE-2	¥S	184	g.i.	2 2G-17M		1
				LEINPA		, es		,	4
		АМВАЯАМА	4 1,5G-8M REMOTE-2		22	63	1.5G-8M		4 TO ESPAND SYSTEM
¥	YK KOTABARU		as a			124	W/M/M	Ğ	124 BACKBONE
			4 FO -140M JKT-SBY FO-1	ראל					
			4 FO-140M JKT-SBY FO-1	CB CB					
,			4 FO-140M JKT-SBY FO-1	Yes					
			4 FO-140M JKT-SBY FO-1	DPR	ė				
			4 FO-140M JKT-SBY FO-1	W					
		-	4 FO-140M JKT-SBY FO-1	¥					
			4 FO-140M JKT-SBY FO-1	AS:		·			
		-	4 FO-140M 3KT-SBY FO-1	PWT					
			4 16G-140NJAWA-BALI D-M/W	JKT					
			4 18G-140NJAWA-BALJ D-M/W	Q 8					
			4 16G-140NJAWA-BALI D-M/W	MDN					
			4 16G-140NJAWA-BALI D-MW	PG					
	e.		4 16G-140NJAWA-BALLD-MM	SS					
			4 18G-14CN JAWA-BALL D-M/W	MM					
			4 16G-140NJAWA-BALI D-M/W	WS		÷			
			4 16G-140NJAWA-BALI D-MW	PWT					
			12	PC IN SA		8	ą.	••	. 8
			3 CH SCPC SATELLITE						
•			8	LE IN PA		8	80		8
			21 CABLE	JUNCTION		\$	19 FO-155M	•	8

5	ų			REQUIRED NO. OF	<u> </u>	EXPANSION	END OF	2
	킬	NO.OF 2M SYSTEM PROJECT	DESTINATION	CIRCUITS 2M	ZMB/S NO.0	NO.OF 2M SYSTEM	NO. OF 2M	A TEMARK
	BANTUL	2 1,5G-8M REMOTE-2		8	4	2 1.5G-8M		4 TO EXPAND SYSTEM
	GODEAN	2 1,5G-8M REMOTE-2		42	61			ez
	IMOGIB! (NEW)			g		1 FO-34M		1 VIA BANTUL
	KALASAN	2 1,5G-8M REMOTE-2		8	2			N
	KALIURANG	2 1,5G-8M REMOTE-2		38	8		-	, cu
	NANGGULAN (NEW)				٧-	1 2G-17M		
	WATES	3 1,56-8M REMOTE-2		98	en			ıs
	WONOSARI	2 1,5G-8M REMOTE-2		120	40	3 1.5G-SM		5 TO ESPAND SYSTEM
	YK-KENTUNGAN (NEW)	16 FO-140M TEL-IV	JUNCTION		41	ı		93
	YK PUGERAN	21 CABLE	JUNCTION		88	11 FO-155M		8
	SLEMAN	2 1,5G-8M REMOTE-2		74	က	1 1.5G-8M		3 TO ELPAND SYSTEM
PURWOREJO		2 1,5G-8M REMOTE-2		83	ဗ	1 1.5G-8M		es es
			LE IN PA		m			9
- 1	KUTOARJO	8 2G-17M JUNCTION TH		3	က			8
SOLO 1 (GLADAK)		€0	¥	1,252	75	34 FO-820M		42 JKT-SBY FO-!!
		4 FO-140M JKT-SBY FO-1	JKT	-				
-		4 FO-140M JKT-SBY FO-1	œ					
		4 FO-140M JKT-SBY FO-1	Y88					
		4 FO-140M JKT-SBY FO-1	N.					
		4 FO-140M JKT-SBY FO-1	SW					
		4 FO-140M JKT-SBY FO-1	¥					
		4 FO-140M JKT-SBY FO-1	PWK					
		4 18G-140NJAWA-BALI D-M/W	. TXL					
		4 18G-140NJAWA-BALI D-M/W	98					
		4 16G-140NJAWA-BALI D-MW	MDN					
		4 16G-140NJAWA-BALI D-MW	P.G					
		4 16G-140N JAWA-BALI D-M/W	¥BS					
		4 16G-140NJAWA-BALI D-M/W	NIN				-	
		4 16G-140NJAWA-BALID-MW	WS					
		4 16G-140NJAWA-BALID-M/W	¥					
		4 16G-140NJAWA-BALI D-M/W	PWT					
		2 1,58-8M REMOTE-2	WNG (PC)					
		8	LE IN PA		88	15		*
		GT - NOTFORM 1 200 L ON 200	WOLFOW! II		2			;

ć	Ç	ų		EXISTING FACILITY		REQUIRED NO. OF	- O- O-	EXPANSION	END OF	
.	>	3	NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS	2MB/S	NO.OF ZM SYSTEM		-VA REMARKS
		SOLO PALUR	12 FO-140M JUNCTION TR	AT NOTION						12
		KARANGANYAR	2 1,5G-8M REMOTE-2	EMOTE-2		\$	9	4 1,5G-8M	WB-	6 TO EXPAND SYSTEM
		KERTOSURO (NEW)	7 CABLE TI	16.一॥	Ors	8	n			7
		SIMBER LAWANG (NEW)	•			æ	-	1 FO-34W	34W	- 27 Kin
		SOLO BARU (NEW)	32 FO-140M JUNCTION TR	JACTION TR	JUNCTION		‡ :			88
		SOCO II	64 FO - 140M JUNCTION TR	AL LINCTION TR	JUNCTION	•	67	3 FO-140M	40M	
		SRAGEN	3 1,5G-8M REMOTE-2	EMOTE-2		246	0	8 2G-17M	17M	9 NEW SYSTEM
		SUKOHARJO	3 1,5G-8M REMOTE-2	EMOTE-2		114	4	1 1.5G-8M	-8W	4 TO EXPAND SYSTEM
		TAWANGMANGU	2 1,5G-3M REMOTE-2	EMOTE-2		8	~			CV.
		TAWANGSAR				8	~	2 FO-34M	M#S	2 to Ke
		NGEMPLAK (NEW)				ន	***	1 FO-34M	34M	1 15 Km
	KLATEN		ANALOG			138	เก	5 FO-140M	40M	
			œ		LE IN PA		4	2 2G-17M	MZI	9
		DELANGGU	#T-NOTIONUL MY1-82 6	HT-NOLL	•	8	CNI	1		85
		PEDAN				8	æ	2 2G-17M	W.	CI.
	WONOGINI	•				114	*	4 1.5G-8M	8	. 4
		•	2 1,5G-8M REMOTE-2	EMOTE-2	ors:	16 8	•	1,5G-8M	-BM	2 TO EXPAND SYSTEM
		•	CI		LE IN PA		6	ч		•
		BATURETHO	2 1,5G-8M REMOTE-2	EMOTE-2		88	-			8
		PRANCIMONTORO	,			8	8	2 2G-17M	I7M	
	BOYO! A!		0 1100 000 000 000							

ွ	õ		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EXISTING FACILITY	1 1 1 1 1 1 1	REQUIRED NO. OF	0 OF	EXPANSION	END OF	7. 2. 3. 4. 3. 4. 3.
			NO,OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS	2MB/S	NO.OF 2M SYSTEM	NO. OF 2M	
PWT	PURWCKERTO		88				83	23 FO,M/W		ES BACKBONE
			4 FO-140M	4 FO-140M JKT-SBY FO-1	JK					
			4 FO-140M	FO-140M JKT-SBY FO-1	CBN				٠	
			4 FO-140M	FO-140M JKT-SBY FO-1	08					
			4 FO-140M	FO-140M JKT-SBY FO-1	SSS					
			4 FO-140M	FO-140M JKT-SBY FO-1	SM					
			4 FO-140M	FO-140M JKT-SBY FO-1	¥					
			4 6G-140M	6G-140M JAWA-BALI D-MW	놟					
		-	4 BG-140M	6G-140M JAWA-BALI D-M/W	8					
			4 6G-140M	6G-140M JAWA-BALI D-MIW	CBN					÷
			4 6G-140M	8G-140M JAWA-BAL! D-M/W	MOM					
			4 8G-140M	4 85-140M JAWA-BALI D-MM	PG					
			4 6G-140M	4 6G-140M JAWA-BALI D-MM	X83					
			4 6G-140M	4 6G-140M JAWA-BALID-M/W	SM					
			4 8G-140M	4 8G-140M JAWA-BALI D-MM	¥					
			4 8G-140M	4 8G-140M JAWA-BALI D-MIW	SLO (PC)					
			4 FO-140M	4 FO-140M JKT-SBY FO-1	SLO (PC)					
			8		PC IN SA		47	5	47	
			7		LE IN PA		5	7	*	
		BANYUMAS	4 2G-8M	SISTRANSJASIKA		48	23		А	
		BOBOTSAR! (NEW)				8	+	1 FO-34M	-	
		KARANGLEWAS (NEW)				24	4.0	1 FO-34M	-	
		PROBOLINGGO	3 1,5G-8M REMOTE-2	REMOTE-2		116	¥O	2 1.5G-BM	40	S TO ECPAND SYSTEM
		PURWANEGORO		•		16	-	1 2G-17M	-	
		SUKARAJA				83	•	1 FO-34K		
		WANGON (NEW)				\$\$	-	1 FO-34M	1	
	CILACAP		8 2G-17M REMOTE-2	REMOTE-2		6	7	1 2G-17M	4	
			ĸ		LE IN PA		60	4	ω	
		KHOYA				38	-	1 FO-140M	-	
		MAJENANG	2 1,5G-8M REMOTE-2	1EMOTE-2		22	8			
		MAOS				8	-	1 FO-140M	1	
		MELUWUNG				5	-	1 2G-17M	•	

Proe: 7

TEGAL BELTIN S. 20-364 JANUA - BALLO - MY PMT 422 15 7 26-344	Q U	ñ		EXISTING FACILITY		REQUIRED NO. OF	O. OF	EXPANSION	END OF	9 0 4 7 11 0
8 200-34M JAVAL-BALID-WW PWT 412 15 15 7 4 15Q-8M REMOTE-2 SM (AA PML, PK, KL) 52 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3			NO.OF 2M SYSTEM	PROJECT	DESTINATION	i i	. !	O.OF 2M SYSTEM	NO. OF 2M	242427
22 E IN PA 15G-6N REMOTE—2 SM (MA PML, PK, KL) BALAPULNIG BALAPU	TEGAL SELATAN		8 2G-34M	JAWA-BALI D-MW	PWT	432	55		. • • • • • • • • • • • • • • • • • • •	¥2
22 LE IN PA 26 -17M SISTRANSLASIKA BARDTE-2 BALL-PULANG B 26 -17M SISTRANSLASIKA BARDTE-2 BALL-PULANG B 26 -17M REMOTE-2 B 27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			4 1,5G-8M	REMOTE-2	SM (MA PML, PK, KL)					·
ADIVERNA BEALLYPULANG BEALLY			22		. LE IN PA		35	^		ū
BALLPULANG BEALPPULANG B		ADIWERNA				25	2			2
BANDLE STANSLASHA BANDL DONGKCA KEDUKGALNI BANDL DONGKCA BANDLAN SEDAM BANDL		BALAPULANG				83	-			
STANDINGAN STG-17M REMOTE-2 STG-2 STG-2 STANDINGAN STG-17M REMOTE-2 STG-3 STG-		BAEBES	4 2G-17M	SISTRANSJASIKA		8	es			4
SLAMI SLAMI SLAMI SLAMI SLAMI SLOW, SLAMI SEDARO, NEW, SLOW, SLOW, SLAMI SENGING, NEW, SLOW, SLOW, SELAND, DONGKOL SLOW, SLOW, SLAMI SLOW, SLOW		BUMAYU	8 2G-17M	AEMOTE-3		32	. 64			80
SLAMI SURGOLOGI (NEW) S 2C-17M REMOTE-2 RANDU DONGKOL RANDU DONGKOL S 2G-34M REMOTE-2 RANDU DONGKOL S 2G-34M REMOTE-2 REMOTE-2 RANDU DONGKOL S 2G-34M REMOTE-2 REMOTE-2 REMOTE-2 REMOTE-3 REMOTE-2 REMOTE-3 REMOTE-3		KETANGGUNGAN				83	8			2 VA TANJUNG
SURGONDI (NEW) TANJUNG TANJUNG 3 2G-344 REMOTE-2 RANDU DONGKOL 6 2G-344 REMOTE-2 RANDU DONGKOL 12 RANDU DONGKOL 6 2G-344 REMOTE-2 RANDU DONGKOL 12 RANDU DONGKOL 12 RANDU DONGKOL 12 RANDU DONGKOL 12 RANDU BATANG 13 RANDU BATANG 14 RANDU BATANG 15 RANDU BATANG 16 RANDU BATANG 16 RANDU BATANG 17 RANDU BATANG		SLAW	2 1,5G~8M	REMOTE-2		8	က	1 1,5G-8M		6
TAMJUNG 8 26-17M REMOTE-2 PWT 70 3 1 1 1 1 1 1 1 1 1		SURCDADI (NEW)				12	-	1 FO-34M		1 VAPAL
B 2G-34M REMOTE-2 PWT 70 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44 44 44 18 18 18 18 18 18 18 18 18 18 18 18 18	TANJUNG	8 2G-17M	вемоте-з		8	-	- 2		9
LE IN PA 29 1 1 1 1 1 1 1 1 1	PEMALANG		3 2G-34M	BEMOTE~2	PWT	۶	0			3 VIA PK
RANDU DONGKOL 8 2G-34M REMOTE-2 PWT 378 13 5 5 8 2G-34M CH EVPANSION SM 11 4 4					LE IN PA		-	1 2G-17M		_
8 2G-34M REMOTE-2 PWT 378 13 5 8 2G-34M CH EVPANSION SM 12 BANDAS SEDATU BATANG 4 2G-17M SISTRANSAMIKA KEDUNGWUNI 4 2G-8M REMOTE-3 COMAL COMAL 4 2G-17M REMOTE-3 COMAL 4 2G-17M REMOTE-2 PWT 144 5 COMAL 4 2G-17M REMOTE-2 PWT 144 5 COMAL 4 2G-17M REMOTE-2 PWT 144 5 COMAL 4 CO-34M CH-EVPANSION MS 7 8 3 COMBONG 4 FO-34M CH EVPANSION MS 7 8 3 COMBONG 4 FO-34M CH EVPANSION MS 7 8 3 COMBONG 6 COMBONG 7 6 -34M CH EVPANSION MS 7 8 3 COMBONG 8 COMBONG 8		RANDU DONGKOL				8	-	1 2G-17M		I YARPK, COMM.
12 CE IN PA 11 4	PEKALONGAN (TIMUR)		8 2G-34M	REMOTE-2	PWT	378	t		-	IS TO EXPAND SYSTEM
12 CE IN PA 11 4 4			8 2G-34M	CH EXPANSION	WØ					Ð
BATANG SEDATU BATANG STANDAR SEDATU BATANG 4 2G - 7M SISTRANSJASIKA 64 9 9 1			5		CE IN PA		=	4		ī
NEDLINGWUNI 4 2G-3M REMOTE-3 16 1 1 1 1 1 1 1 1		BANDAR SEDAYU			-	23	-	1 FO-34M		-
KEDLNGNUNI		BATANG	4 2G-17M	SISTRANSLASIKA		\$6	69			•
SANGEL (NEW) SUBAH WRODESA (NEW) COMAL COMAL 4 20-17M REMOTE-2 FOR 1 11 B 1 1 1 COMAL 4 70-34M CH-EVANSION SM 4 FO-34M CH-EVANSION MG 7 RANUARNEGARA 5 1,50-8M REMOTE-2 RANUARNEGARA 4 FO-34M CH-EVANSION WS 7 R 2 RANUARNEGARA 4 FO-34M CH-EVANSION TEMANGSUNG 7 RANAMOMEN 4 FO-34M CH-EVANSION TEMANGSUNG 6		KEDUNGWUNI	4 2G-8M	REMOTE 3		83	67	7		en
SUBAH WRODESA (NEW) COMAL COMAL 4 2G-17M REMOTE-2 5 2G-17M REMOTE-2 4 FO-34M CH-EVANSION A FO-34M CH-EVANSION A FO-34M CH-EVANSION A FO-34M TEMOTE-2 BANUARNEGARA 3 1,5G-8M TEMOTE-2 FARAKAN 4 FO-440M JKT-SEY-FO-1 FIRM A 5 5 6 COMBONG 6 69 7 7 7 CE IN PA 118 6 4 FO-440M JKT-SEY-FO-1 FIRM PA 6 GOMBONG 6 69 7 6 7 6 7 6 7 6 8 6 9 7 8 7 8 7 8 7 8 7 8 8 6 7 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9		SRAGI (NEW)				9	-	1 FO-34M		1 TO UTLUZE EDEST
WIRODESA (NEW) COMAL COMAL S 2G-17M REMOTE-2 FFO-34M CH-EVPANSION SM FFO-34M CH-EVPANSION MG FFO-34M TH-ENPANSION FFO		SUBAH				8	-	1 FO-34M		_
COMMAL COMMAL COMMAL COMMAL COMMAL COMMAN COMMAN		WIRODESA (NEW)				19	-	1 FO-34M		_
5 2G-17M REMOTE-2 PWT 144 5		COMAL	4 2G17M			33	2	- 1		9
# PO-34M CH-EXPANSION SM # FO-34M CH-EXPANSION MG 7 BANUARNEGARA 3 1,5G-8M TRMOTE-2 PARAKAN # FO-34M CH EXPANSION # FO-34M CH EXPANSION # FO-140M UKT-SBY FO-1 # FO-1	WONOSOBO		5 2G-178	AEMOTE~2	PWT	144	ın			**
# FO-34M CH-EXPANSION MG 7 LE IN PA BANUARNEGARA 3 1,5G-8M REMOTE-2 PARAKAN 4 FO-34M CH EXPANSION 78 3 4 FO-140M UKT-SBY FO-1 FEMANGGUNG 66 2 3 KABANGLAMANA			4 FO-34M		SIM					-
AANUARNEGARA 3 1,5G-8M REMOTE—2 LE IN PA 118 5 2 PARAKAN + FO-34M CH EXPANSION WS 78 3 4 FO-140M UKT-SBV FO-1 PWT 118 4 5 GOMBONG 88 2 3 5 KARANGALANARA			4 FO-34M	CH-EXPANSION	MG					•
PARMAN					LE IN PA		80	N		
PARMAN + FO-34M CH EVPANSION WS 78 3 4 FO-140M UKT-SEV FO-1 6 GOMBONG 8 COMBONG 8 COMBONG 9 CO		BANJARNEGARA	3 1,56~84	neMOTE-2		113	ĸ	2 1,5G-BM		A TOESPAND SYSTEM
4 FO-94M CH EXPANSION TEMANGGUNG 4 FO-140M INT-SBY FO-1 PINT 118 4 5 GOMBONG 6 0 0		PARAKAN	4 F0-34M	CH EXPANSION	WS	92	es			•
4 FO_HQM_UKT_SBYFO_1 PWT 118 4 8 LE IN PA 7 5 GOMBONG 68 3 3			A F0 - 34M	CH EXPANSION	TEMANOGUNG					+
8 LE IN PA 7 55	KEBUMEN		4 FO-140N	UKT-SBYFO-1	P'MT	118	•	, t		
e			©		LE IN PA		7	ю.		2 2
6		COMBONG		7		3	63			
3		KABANGMANYAB				8	64	2 FO-948		2

					STATE OF THE OWNER, WHEN SHOW IN				. E I O. O I.
S	ç	u 	EXISTING FACILITY		REQUIRED NO. OF		EXPANSION	END OF	0 0 0
			SYSTEM	DESTINATION	CIRCUITS		NO,OF 2M SYSTEM	NO OF 2M	Current in the contract of the
88	SB KEBALEN		192	TC, SC	-	838	347 FO,MW	23 SS	539 BACKBONE
			32 6G-140M JAWA-BALI D-MW	אָל					
		. :	4 BG-140M JAWA-BALI D-MAN	MDN					
			4 6G-140M JAWA-BALI D-MW	ő.					
			4 6G-140M JAWA-BALI D-KIW	χŢ					
			4 6G-140M JAWA-BALID-MM	FW4					
			4 6G-140M JAWA-BALID-MM	OBN			,		
			4 EG-140M JAWA-BALID-MM	¥	4.			:	
			4 BG-140M JAWA-BAU D-MW	SCO (PC)					•
			8 SG-140M JAWA-BALI D-MW	ଛ				:	
			8 8G-140M JAWA-BALI D-MW	NS.					
			4 8G-140M JAWA-BALID-M/W	NW					
	•		12 6G-140M JAWA-BALI D-M/W	DPR					
			4 6G-140M JAWA-BALI D-M/W	MTR (PC)					
			4 6G-140M JAWA-BALI D-MIN	S8W					
			8 BG-140M JAWA-BALI D-M/W	"					
			18 SG~140M JAWA-BALI D~MW	Mr					
			32 FO-140M JKT-SBY FO-1	Ly	-				
			8 FO-140M JKT-SBY FO-1	MDM					
		ž.	4 FO-140M JKT-SBY FO-1	P.S.					
			8 FO-140M 3KT-SBY FO-1	8					
			4 FO-140M JKT-SBY FO-1	CBN				•	
			4 FO-140M JKT-SBY FO-1	¥					
		•	4 FO-140M JKT-SBY FO-1	SLD (PC)			Ē		
			4 FO-140M JKT-SBY FO-1	PWT					
		-	8 FO-140M JKT-58Y FO-1	SNS					
			4 FO-140M JKT-SBY FO-1	N					
			BASCH FOMJEW SATELLITE						
			135CH TOMA SATELLITE		233CH		97CH TDMA	Z230CH	
			84CH SCPC SATELLITE						
			ਲ	PC IN SA		8	6 0	37	
		-	18	PC IN OTHER SA				5	
			e	LE IN PA		8	ဗ	ಐ	
				LE IN OTHER PA				~	
			220	· JUNCTION		1,021	382	5,02	
			310 FO-140M REMOTE-3	JUNCTION					
			126 FO-140M TEL-IV	UNCTION					

TABLE 4C-7 DIGITAL TRANSMISSION SYSTEM IN WITEL-VI

										FILE: TR-SYSO7.WKt	
S	Ca	<u>u</u>		EXISTING FACILITY		REQUIRED NO. OF	NO. OF	EXPANSION	END OF	6 2 2 0	
			NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS	248/5	NO.OF 2M SYSTEM	.		İ
		SBY BAMBE	7 FO-140M TEL-III	A TEL-111	JUNCTION		12			43	ŀ
			36 FO-140M	36 FO-140M REMOTE-3	JUNCTION						
		SBY DARMO	111 FO-140M		JUNCTION		22	8		274	
			69 FO-140M	69 FO-140M REMOTE-3	JUNCTION		÷				
		SBY INJOKO	42 FO-140M		JUNCTION		61			3	
			22 FO-140N	22 FO-140M REMOTE-3	JUNCTION						
		SBY KALIANAK	16 FO-140M TEL-III	/ 151-4	JUNCTION		41			88	
			53 FO-140N	53 FO-140M REMOTE-3	JUNCTION						
		SBY KANDANGAN	20 FO-140M TEL-III	4 TEL-1/1	JUNCTION		8 8	ន		88	
			36 FO-140M	36 FO-140M REMOTE-3	JUNCTION	٠					
		SBY KAPANGPILANG	48 FO-140M TEL-III	/ 配一川	JUNCTION		37			2	
			22 FO-140M	22 FO-140M REMOTE-3	JUNCTION						
		SBY KAPASAN	139 FO140M	*	JUNCTION		178			552	
	٠		156 FO-140M	156 FO-140M REMOTE-3	JUNCTION						
		SBY KENJERAN	51 FO-140M		JUNCTION		8			421	
			58 FO-140k	53 FO-140M REMOTE-3	JUNCTION						
	٠	SBY MANYAR	85 FO-140M	*	JUNCTION		41.			156	
			81 FO-140h	91 FO-140M REMOTE-3	JUNCTION						
		SBY MERGOYOSO	183 FO-140M	~	JUNCTION		₹			485	
			282 FO-140%	282 FO-140M REMOTE-3	NOCTION						
-		SBY RUNGKUT 1	101 FO-140M	-	JUNCTION		2 4 Σ	268 FO-140M	æ	490	
		-	121 FO-140k	121 FO-140M REMOTE-3	JUNCTION						
		SBY BUNGKUT II		N	NOLL		35	34 FO-140M		Ř	
		SBY JAGIR (DLU)	20 FO-140M NKF-II	NKF-I	NOLLON		ξī			8	
		SBY TANDES	23 FO-140W		JUNCTION		\$\$	319 FO-140M	2	450	
			106 FO-140	106 FO-140M REMOTE-3	JUNCTION						
		SBY TANJUNG PERAK	10 PO-140M	-	JUNCTION		\$			25	
			4 FO-140	44 FO-140M REMOTE-3	JUNCTION						
		SBY WARU I	28 FO-140M		JUNCTION		8	4 FO-140M	*	*	
			52 FO-140h	52 FO-140M REMOTE-3	JUNCTION				:		
		SBY WARU !!	37 FO-140M		JUNCTION		88			55	
		1	80 FO-140	80 FO-140M REMOTE-3	JUNCTION		 :				
1		SBY SEPANJANG	38 FO-140M TEL-III	M TEL —III	JUNCTION		*			**	
			36 FO-140k	36 FO-140M REMOTE-3	JUNCTION					-	

						- ,			FILE: TR-SYSOT.WK
Ş	Q	ii.	EXISTING FACILITY		HEQUIRED NO. OF	О РО	ECPANSION	PO CNE	: 0 0 0 0
			NO.OF 2M SYSTEM PROJECT	DESTINATION	CIRCUTTS	2MB/S	NO.OF ZM SYSTEM	NO. OF 2M	
		KRIYAN	3 2G-34M TEL-IV	JUNCTION		. ଞ	27 2G-34M	8	30 TO EIZAND SYSTEM.
		SIDOARJO	75 FO-140M TEL-IV	JUNCTION		8		K	
		SIDOARJO GEDANGAN		JUNCTION		8	85 FO-155M	88	
		GRESIK	48 FO-140M JEL-IV	JUNCTION		108	50 FO-140M	901	
			8 2G-34M REMOTE-2	JUNCTION					
		BANGKALAN	3 1.5G-8M REMOTE-2		2	ф	3 1.5G-8M	9	6 TO EIGHAND SYSTEM
•			11.5G-8M REMOTE-2	KAMAL					1 VIASBY, GS
- €	MOJOKERTO		7 FO-140M JKT-SBY FO-1	¥æs	422	ħ		17	
			12 2G-34M TEL-IV	SBY KEBALEN			6 7		
			£.	LE IN PA		8	. 91	9	
,		GONDANG			16	-	1 FO-34M	-	
		JOMBANG	15 2G-34M TEL-IV		314	5		\$	
٠			4 FO-140M JKT-SBY FO-1	X88				4	
		MOJOAGUNG			22	0	3 FO - 34M	e9	
		MOJOSARI			326	£	11 FO-34M		
'	1	PLOSO			88		1 FO-34M	-	
·	LAMONGAN		4 1.5G-BM REMOTE-2		*	8		4	
٠,	SUMENEP			X8 8	g	-4	4 1,5G-8M		4 TO EXPAND SYSTEM
			3 1,5G-BM REMOTE-2	PAMEKASAN		÷		n	
				LEINPA		8	2 FO-34M	64	
'		KALIAUGET			46	2	2 FO-34M	2	
uL I	PAMEKASAN		4 2G-17M REMOTE-2	.¥88	181	7	3 2G-17M	7	7 TO EXPAND SYSTEM
J)	SAMPANG		4 1.5G-8M REMOTE-2	¥as	<u>\$</u>	ъO	1.5G-8M	ı	5 TO EXPAND SYSTEM
				LEIN PA		60	8 1,5G-8M	φ	6 TO EXPAND SYSTEM
		KAMAL			136	w	8 2G-17M	ω	S NEW SYSTEM
			3 1,5G-8M REMOTE-2	. SBY				G	
		-							

										14. 15. 15. 15. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19
SC	សួ	벨	ă		0 1	70. OF	v)	NO.	END OF REPELITA-VI	REWARKS
			NO.OF ZM SYSTEM PROJECT	DESTINATION	CIRCUITS	ZMB/S	NO.0F 28	SYSTEM	NO. OF 2M	
	JEMBER		24	JC, SC		77	æ	MIM	11	77 BACKBONE
			8 6G-140M JAWA-BALI D-M/W	8						
			8 6G-140M JAWA-BALID-M/W	נאי						
			4 BG-140M JAWA-BALLD-MIN	840	-	•				
			4 6G-140M JAWA-BALID-M/W	ΜF						
			: 83	PC IN SA	-	8	4+8		88	
			**************************************	LE IN PA		5	23			:
			が	LENPA						
		AMBULU			\$	P.	8	FO-34M	2	
		BALUNG	8 2G-34M TEL-IV		\$	2	1		Đ	
	•	JATILOTO			35	C4	62	70-98	N	
		KALISAT	4 FO-140M CH-EXPANSION		ş	Ø			*	
		KENCONG			8	N	α	FO-34M		
•		PAMBIPUJI	8 2G-34M TEL-IV		**	64			ω	
		SEMPOLAN			83	-	**	FO-34	•	
		SUKOWONO			z	-	•	FO-34M	**	
•	-	TANGGUL	8 2G-34M TEL-IV		8	2	4 -		4	
	BONDOWOSO		12 2G-34M REMOTE-2	æ	8	4	4-		œ	
_	BANYUWANGI		8 FO-140M CH-EXPANSION	£5	99	=	6	FO-140M	#	
			94	LE IN PA		1,1	00		ស	
		BENCULUK		v.	27	n	ю	FO-36M	69	
		GENTENG	4 FO-140M CH-EXPANSION		B	e			4	
		CLENMORE			8	8	24	FO-34M	C	*
		KALIBARU			72		. m	FO-34M	(r)	
		MUNCAR	8 2G-17M REMOTE-3		82	69	1		ın	
:		ROGOVAMPI	4 FO-140M CH-EXPANSION		z	0			*	:
	LUMAJANG		3 20-34M REMOTE-2	æ	102	4	•	2G-34M	4	
				LE IN PA		, ea	က		n	
		KLAKAH			\$	64		2G-17M	8	
		PASIRIAN			88	4	-	FO-34M	•	
	PROBOLINGGO		7 2G-34W REMOTE-2	£,	170	80			7	•
			8	LE IN PA		*	4		4	
			-							

TABLE 40-7 DIGITAL TRANSMISSION SYSTEM IN WITH -VI

å	c	<u>.</u>		בוויישער באוויסיאי		16.00 no. of	į	NO SOLON	57 VII 10000	0/04200
ί.		4	SYSTE	A PROJECT	DESTINATION	CROUTS	2MB/S	NO OF 24 SYSTEM	MC-SC CN P	かんたくだいと
					NOTING OF THE PERSON	1				
STE	SITUBONDO		3 28-34W REMOTE-2	IOTE-2	e s,	174	40	3 2G-34M	•	. \$9
			•		LE IN PA		•	٥.		
		ASAMBAGUS	4 2G-34M TEL-IV	21-		33	64			
1		PANABUKAN				æ	2	2 2G-17M		2
BESUKI	Z					8	2	2 2G-17M		2
X X	ML KOTA		\$		TC, SC		25	W/W 98		128 BACKBONE
			16 8G-140M JAWA-BALID-MW	A-BALID-MW	χgς					
			S EG-140M JAWA-BALID-MW	A-BALID-M/W	זאר					
			4 60-140M JAWA-BALI D-MM	A-BALID-MW	808					
			4 6G 140M JAWA-BALID-MW	A-BALID-MW	¥					
			4 6G-140M JAWA-BALID-MW	A-BALID-MW	150					
	-		4 6G-140M JAWA-BALID-MM	A-BALID-MW	5					
			ō		PC IN SA		ŧ	ఙ	ž	
			138		LE IN PA		8	7	132	
			8		JUNCTION		110	7	110	
		BULULAWANG				â	**	2 FO-35M	.70	
		DAWPIT	8 2G-34M JUNCTION-TR	CTION - TR	ML	122	2			_
			8 2G-34M JUNCTION-TR	CTION-TB	CONDANGL				8	_
		GONDANG LEGI	16 66-140M JUNCTION-TR	CTION~TR	ML KOTA	**			16	
			8 2G-34M JUNCTION-TR	CTION-TR	TUREN					
			8 2G-34M JUN	JUNCTION-TR	DAMPIT				83	
		KEPANJEN	16 2G-34M JUNCTION-TR	CTION-TR	ML KOTA	146	8		. 16	40
		LAWANG	8 2G-34M PCH	PCM-11 (SIE)	¥	\$£	10	n 1	•	_
		MALANG BATU	3 1.33-8M REMOTE-2	IOTE-2	JUNCTION		88	35 11G-135M	. M	
		MALANG BLIMBING	36 FO-140M JUNCTION-TR	CTION-TR	JUNCTION		86	11 FO-140M	27 -	
			11 CABLE							
		HALANG BURING	84 FO-140M JUNCTION-TR	CTION-TH	JUNCTION		83		æ	_
		MALANG GADANG	72 FO-140M JUNCTION-TR	CTION-TR	JUNCTION		10		**	m
			14 CABLE							
		MALANG KLOJEN	29 FO-140M JUNCTION-TR	CTON-TR	JUNCTION		88	26 FO-140M	88	10
			12 CABLE							٠
		MOM				\$	-	1 PO-34M	5	_
		SINGOSARI	8 2G-34M TEL-IV	2.1	¥	8	~			
		зимвен Рисима				4	8	2. 2G-17M	5	a.
		TUMPANG				\$		2 FO-34M	3	~
		TUREN	8 2G-34M JUNCTION-TR	CTION-TR	Ŋ	8	-			8
			8 2G-34M JUNCTION-TR	CTION-TR	GONDANGL				w	m

Page: &

84,778 B4178 FROMER 1 15 - 244 FROMER 2 14, 1 20 1 2 55 - 244 FROMER 2 14, 1 20 1 2 55 - 244 FROMER 2 14, 1 20 1 2 55 - 244 FROMER 2 15 -	5	ų	EXISTING FACILITY		REQUIRED NO. OF	EXPANSIO	
### PAGENTAL NAMES \$20-944 REMOTE - 2 ML 200 7 2 *** KENABEN 2 20-344 REMOTE - 2 1/1-44, 20 2 2 2 *** KENABEN 2 20-344 REMOTE - 2 1/1-44, 2 2 2 2 *** STATE		3		DESTINATION	CIRCUITS 2MB/S	!!	NO.OF 2N
1 2G-34M REMOTE-2	BUTAR	:		'n	002		
2 2G-34M REMOTE-2 RD-ML				\es			-
KERAMBEN S 2G34M REMOTE-2 T/A-ML S 2G34M REMOTE-2 T/A-ML S 2G34M REMOTE-2 T/A-ML S 2G34M REMOTE-2 S 2G34M R				KD-ML		~	0
NA SEAMEN NAUNCE NAU			2 2G-34M REMOTE-2	TA-ML		N	0
KESMAER				LE IN PA		**	ü
MANGEN M		KESAMBEN			ಕ	64	2
## MINGS 8 20-17M REMOTE-3 N. 784 27 22 2 2 2 2 2 2 2		LODOYO	-		8	1 2G-17M	-
WLINGS 8 20-17H REMOTE-2 NL		SRENGAT			84	N	. ~
1		WLNG	8 2G-17M REMOTE-3				8
13 7-09M REMOTE-2 SSY 22 BANGEL	PASURDAN	:	5 2G-34M REMOTE-2	귤			27 TO EPPAND SYSTEM
22 BANGIL + 2G-BM FENOTE-2 GENDOL + 2G-BM FENOTE-3 GENDOL + 2G-BM FENOTE-3 PANDANI 8 2G-SM FENOTE-3 PRIGEN 16 7-684 FENOTE-3 256 4 6G-1-604 JAWA-BALID-M/M 3N4 4 FO-1-604 JAWA-BALID-M/M 3N4 8 SS				S8Y			17
22 BANGEL 4 2G-BM PENOTE-3 GENFOCL 4 22-BM FENOTE-3 PRIGEN PANDAMN 8 2G-BM FENOTE-3 PRIGEN 4 5G-140M JAWA-BALID-MM 5 15G-140M JAWA-BALID-MM 5 5G-140M JAWA-BALID-MM 5 5G-140M JAWA-BALID-MM 5 5G-140M JAWA-BALID-MM 5 5G-140M JAWA-BALID-MM 5 15G-140M JAWA-BALID-MM 5 10G-140M JAWA-BALID-MM 5 10G-140M JAWA-BALID-MM 5 10G-140M JAWA-			1 20-34M REMOTE-2	785 28			
BANGEL 12G-BM PENOTE-3 300 10 6			32	LE IN PA			88
CEMPOL		BANGIL				•	10 NEW SYSTEM
PRICEN PR		GEMPOL	4 20-6M BEMOTE-3		8		
### ### ##############################		PANDAAN					B TO EPPAND SYSTEM
### ### ##############################		PRGEN	ļ				15
4 60-140M JWMA-BALID-MW JKT 4 60-140M JWMA-BALID-MW SM 4 60-140M JWMA-BALID-MW SLO PC) 4 60-140M JKT-SBY F0-1 4 F0-140M JKT-SBY F0-1 5 SA 7 5 SA	MADIUN		8			2	SO BACKBONE
4 6G-140M JAWA-BALID-MW SM 4 6G-140M JAWA-BALID-MW YK 4 6G-140M JAWA-BALID-MW SLOPG) 4 6G-140M JAY-SBY FO-† 5 FO-140M JAY-SBY FO-† 5 FO-1			4 6G-14CM JAWA-BALLD-MAN	Ę		ı	
4 6G-140M JAWA-BALID-MM 1K 4 6G-140M JAWA-BALID-MM 2LO PC) 4 6G-140M JAT-SBY FO-† JAT 4 FO-140M JAT-SBY FO-† SBY 4 FO-140M JAT-SBY FO-† SBY 4 FO-140M JAT-SBY FO-† SBY 5 FO-140M JAT-SBY FO-† SBY FO-† SBY 5 FO-140M JAT-SBY FO-† SBY 5 FO-140M JAT-SBY FO-† SBY FO-† SBY 5 FO-140M JAT-SBY FO-† SBY 5 FO-140M JAT-SBY FO-† SBY FO-			4 6G-140M JAWA-BALID-MM	SM			
4 6G-140M JAWA-BALD-M/M SLO PG) 4 6G-140M JAT-SBY FO-† 5 FO-140M JAT			4 6G-140H JAWA-BALID-M/W.	*			-
4 6G-140M JAWA-BALID-M/M GBY 4 FO-140M JAT-SBY FO-1 5 FO-140M JAT-SBY FO-1 5 SM 4 FO-140M JAT-SBY FO-1 5 SM 4 FO-140M JAT-SBY FO-1 5 SM 5 SM 5 FO-140M JAT-SBY FO-1 5 SM			4 6G-140M JAWA-BALI D-M/W	SLO (PC)			
4 FO-140M JRT-SBY FO-1 4 FO-140M JRT-SBY FO-1 5 SM			4 6G-140M JAWA-BALLD-MIN	ya.			
4 FO-140M JKT-SBY FO-1 SM 4 FO-140M JKT-SBY FO-1 SLO (PG) 4 FO-140M JKT-SBY FO-1 SLO (PG) 4 FO-140M JKT-SBY FO-1 SSY 31 4 FO-140M JKT-SBY FO-1 SSY 31 4 FO-140M JKT-SBY FO-1 SSY 31 52 13G-8M REMOTE-2 SARANGAN SS 2 2 2 2 15G-8M REMOTE-2 SARANGAN SS 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			4 FO.140M JKT-58Y FO.1	יוען			-
4 FO-140M JRT-88P FO-1 810 PG) 4 FO-140M JRT-88P FO-1 74 4 FO-140M JRT-88P FO-1 75 76 77 77 78 71 78 71 78 78 71 79 70 70 70 70 70 70 70 70 70 70 70 70 70			4 FO-140M JKT-SBY FO-1	9			-
4 FO-140M JIT-88VFO-1 \$10 PC; 4 FO-140M JIT-88VFO-1 YK 4 FO-140M JIT-88VFO-1 SSY 31 4 LE IN PA SS 38 13 4 LE IN PA SS 2 2 2 15G-8M REMOTE-2 SARANOM SO 2 2 3 W. S.			4 FO-140M JKT-9BY FO-1	75			
4 FO-140M JRT-SBY FO-1 38Y 31 4 FO-140M JRT-SBY FO-1 88Y 38 13 4 12 1.5d-8M REMOTE-2 8.44ANGAN 90 2 2 3 4 14.5G-8M REMOTE-2 18.84 17 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10			4 FO-140M JKT-88YFO-1	SLO (PC)			
4 FPO-140M JKT-SBY FDO-1 31 4 LE IN PA SA 39 13 4 12 1.50-BM REMOTE-2 8.44AMGAN 50 2 2 2 1.5C-BM REMOTE-2 8.44AMGAN 50 2 2 3 30 3 1 114 5 5 3 30 4		-	4 FO-140M JKT-SBY FO-1	¥		•	
31 4 LE IN PA SA 38 13 LE IN PA SA 38 13 2 1.50-8M REMOTE-2 SARAMOM 50 2 2 MS 2 2 2 2 MS 2 3 3 4 5 3 3 4 5 3 3 4 5 3 3 4 5 3 3 4 5 3 3 4 5 3 3 4 5 3 3 4 5 5 3 3 4 5 5 5 3 3 4 5 5 5 5			4 FO-140M JKT-SBY FO-1	} 88			
4 LE IN PA 17 13 2 1.5G-BM REMOTE-2 SARAWOAN 50 2 2 2 1.5G-BM REMOTE-2 MNN 25 114 8 2.0c-77M REMOTE-2 MNN 25 114 8 2.0c-77M REMOTE-2 MNN 25 1 1			₩.	PC IN SA			#
2 1.5G -8M REMOTE - 2 SARANGAN 152 6 4 6 8 20 -17M REMOTE - 9 SARANGAN 50 2 2 2 1.5G -8M REMOTE - 2 MAN 20 114 5 3 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1.5G -8M REMOTE - 2 MAN 20 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	:		· · · · · · · · · · · · · · · · · · ·	LE IN PA			17
2 1.5G-8M REMOTE-2 SARANGAN 50 2 2 2 2 1.5G-8M REMOTE-2 MAN 26 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		CASUBAN			23		2 JKT-58Y FO-1
8 2G-17% REMOTE-0 SARANGAN 50 2 2 2 2 2 2 2 15G-8M REMOTE-2 MN 26 1 114 5 3 MN 26 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		MAGETAN	2 1.5G-8M REMOTE-2		152	4	& TO EPPAND SYSTEM
2 2.15G-8M REMOTE-2. NN 26 114 6 3 NN 26 1 1 1 R 20G-21M REMOTE-2. NA 26 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:		8 2G-17M REMOTE-3	SARANGAN			7
N 26-8M REMOTE-2 NN 26 1 1 R 20-21M REMOTE-3 NAGETAN 26 1 1		MAGGPATI					2 JKT-58Y FO-I
NN 25 1 1 8 20-17M BEMOTE-2 MAGGTAN 1		NGAWA	2 13G-8M REMOTE-2	•	*	e	5 TO EPPAND SISTEM
MAGETAN - 1		SARANGAN		NAM	8	1 26-17M	1 TOUTURE EUST
WAS CONTRACTOR			R 2G=17W REMOTE=3	MAGETAN			

Page: 7						:	••	
TABLE 4	TABLE 4C-7 DIGITAL TRANSMISSION SYSTEM IN WITEL-VII	IN SYSTEM IN WITEL-VII						FILE: TR-SYSOZ,WK1
ç	ć	Li .	EXISTING FACILITY		REQUIRED NO. OF	EXPANSION	END OF	0
}	2	3	NO.OF 2M SYSTEM PROJECT	DESTINATION	UTTS 2MB/S	NO.OF 2M SYSTEM	NO. OF 2M	O C C C C C C C C C C C C C C C C C C C
	PONORCEO		3 2G-34M REMOTE-2	MN	88		6	
	BOJONEGORO	2 4	8 2G-34M CH-EXPANSION	NW				
				TUBAN			6	
				LE IN PA	8	2 FO-34M		
		SUMBER REJO			46 2	2 FO-34M	2	
	KEDIR		8 2G-34M JAWA-BALID-MW	W	434 15	7, 2G-94M	t	15 TO EXPAND SYSTEM
		£.	ANALOG	31CH (SBY) VIA BL				
			N	LE IN PA	82	<u> </u>	16	
		KANDANGAN			2	2 FO-34M	2	
		KEPUNG		J.	10	1 FO - 34%	•-	
		NGADI LUWIH			ð. 2	2 FO - 34M	rvi	
		PAPAR			40 2	2 FO-34M	2	
		PARE	2 1.5G-8M REMOTE-2		7 861	5 2G-34M	4.	7 NEW SYSTEM
		WATES			40 2	2 FO34M	2	
	TULUNG AGUNG		8 2G-34M JAWA-BALID-MW	Ν	182 7	1 2G-34M	1	-
٠			18 CH ANALOG	SBY (VIA BL)			0	
			10.0	LE IN PA	89	4	14	
		CAMPUR DARAT			88	2 FO~34M	C4	
		NGUNUL	8 2G-17M JUNCTION-TR		4		œ	
		TRENGGALEK	2 1.5G-8M REMOTE-2		4 4	2 1.5G-BM	*	
	TUBAN			N.	4 001	4 2S-17M	4	4 NEW SYSTEM
			3 1.5G-8M REMOTE-2	80			es	
				LE IN PA	4	4	*	
		JATIROGO			18 1	1. 2G-17M	**	
		BABAT		Ę	88	3 26-3414	63	3 TO UTILIZE EXIST
			6 29-34M JUNCTION-TH	BOJONEGORO		-3	5	
	PACITAN		2 15G-8M REMOTE-2	N.	82 3	1 1.5G-8M	8	
	N GANJUK		4 FO-140M JKT-SBY FO-1	WW	88		*	
				LE IN PA	69	3 FO-140M	e	3 JKT-SBY FO-!

ç	. &	щ	i	EXISTING FACELTY		REQUIRED OF NO.		EXPANSION	END OF	() () () () () () () () () ()
3	>	1	NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS 2MB/S		NO.OF 2M SYSTEM	NO. OF 2M	D X X X X X X X X X X X X X X X X X X X
DPR	DENPASAR KALIASEM		ð.	ቷ	7C,SC		2	102 M/W	.	148 BACKBONE
			12 8G-140M 3	12 8G-140M JAWA-BALID-MM	Xes		:			
			8 6G-140M J	8 6G-140M JAWA-BALI D-MW	ķ					
		-	4 6G-140M	4 6G-140M JAWA-BALID-MIW	806					:
			4 6G-140M	4 6G-140M JAWA-BALI D-MM	¥					
			4 6G-140M	4 6G-140M JAWA-BALID-MM	WS					
			4 8G-140M	4 8G-140M JAWA-BALID-MW	E					,
			4 8G-140W P	4 8G-140M NUSA TENGGARA	M8S	-				:
			4 6G-140M P	4 6G-140M NUSA TENGGARA	BIMA (PC)	٠.				
			2 6G-140M P	2 6G-140M NUSA TENGGARA	END					
		:	4 6G-140M P	4 6G-140M NUSA TENGGARA	Š					
		٠	12CH FDM/FM	SATELLITE						
			42CH SCPC	SATELLITE						-
,			•			H23996		36CH TDMA	75.98	
			, ZZ		PO IN SA	•	37	15	ls.	•
			4 GO-140M	4 GO-140M HUSA TENGGARA	DLI (PC)				•	
			ន		LE SN PA		83	. 48	S.	Α.
		, !	8		NOLL		8	55 57	ã	
		DPR BARAT	-		JUNCTION		88	96 FO-620M	8	
		DPR KUTA & DLU	8 FO-140M	8 FO-140M JUNCTION-TR	JUNCTION	. •	æ	34 FO-140M	8	
			17 CABLE		JUNCTION					
		DPR NUSA DUA	32 FO-140M JUNCTION-TH	SUNCTION-TH	JUNCTION		22	12 FO-140M	· 8	۸.
			8 2G - 17M	:	JUNCTION			,		
		DPR SANUR	9 CABLE		JUNCTION		ន	14 FO-155M	83	
		DPH TIMUR	16 FO-148M	16 FO-140M JUNCTION-TR	JUNCTION	1	ន	37 FO-140M	¥1	
		DAN UBUNG	CABLE		JUNCTION		18	23 FO-140M		ю
			32 FO-140M	32 FO-140M JUNCTION-TH	SUNCTION					
		TOMPATE	18 FO-140M	18 FO-140M JUNCTION-TR	KALIASEM					9
		JIMBARAN				8	~	2 2G~17M		64
		. OSSO			-	116	4	4 26-17W		:
		GIANTAR	2 1.5G - 8M REMOTE-2	HEMOTE-2		241	ю	3 2G-34M	. :	5 NEW SYSTEM
		TABANAN	3 1,5G-8M REMOTE-2			883	5	7 2G-34M		10 NEW SYSTEM
. :		SUKAWATI	2 CABLE			78	თ	1 2G-34M		1 00
		BATURITI				83	-	1 2G-17M		: VIA TABANAN
		Driblian				14	-	1 25-173		2000

SECURING PACITY REQUIRED OF NO. EPPANSION REPUTATION SETTING SETING SETTING SETING SETTING SETTING SETTING SETTING SETTING SETTI										FILE : TR-SYSORWK1
SING-PAM STATEM PROJECT DESTINATION CIRCLINS SHEET NO OF 20 STREET		S	<u>u</u>	EXISTING FACILITY		REQUIRED OF	Ö	EXPANSION	END OF	25 25 25 25 25 25 25 25 25 25 25 25 25 2
SEGNOTH SECOND SEGNOTH SEGNO	۱	2	4		DESTINATION	i	. !		NO. OF 2M	
6.50 - 3M JUNCTION - TR SERRIT 6.50 - 3M JUNCTION - TR SCAR 48 2 -1		SINGARAJA	•	4 28 - 17M	OPR	176	ъ		8	
SEBRETT 10 COMMA				16 2G - 34M JUNCTION-TR	SEBIRIT		61	ï	25	
SEPRIT 12 G - 94M MUNICION-TR SGR 45 2 -1				8 29 - 34M JUNCTION - TR	LOVINA				8	
MATPANA 12 6G - 94M MUNCTON-TR SSR 778 1 1.5G - 8/H 1.5G - 8/H 1.5G - 9/H 1.5G - 1/G/M 1.5G		-	SERIRIT	16 2G - 34M JUNCTION - TR	SGR	84	· N	ï	12	
MATANAM 12 60-140M NUGATENGGARA DPRI 402 15 0 60-140M NUGATENGGARA DPRI 402 15 0 60-140M NUGATENGGARA SWY 12 60-140M NUGATENGGARA SWA NUGATENGGARA SEGONG 12 60-140M NUGATENGGARA SWA NUGATENGGARA SWA NUGATENGGARA NUGATENGGARA NUGATENGGARA SWA NUGATENGGARA NUGATE			LOVINA	8 2G - 34M JUNCTION-TR	SGR				8	
MATARAM 12 EG-1-0AM NUSA TENGGARA 19T1 452 155 15 9G-1-0AM NUSA TENGGARA 19T1 15 8G-1-0AM NUS		AMLAPURA	•	2 15G-8M REMOTE-2	DPR	78	8	- 1	8	
1 FORM-II (SEE) S 66-140M NUSA TENGGARA SIT		MATARAM		12 6G-140M NUSA TENGGARA	DPR	432	55		5	
8 6G-140M NUSA TENGGARA JUT										
6 GG - 140M NUSA TENGGARA SET OND PC)				8 6G-140M NUSA TENGGARA	JKT				6	
# 66-140M NUSA TENGGARA SBW				8 6G-140M NUSA TENGGARA	ABS				16	
E GG -140N NUSA, TENGGARA SBH 4 GG -140N NUSA, TENGGARA BINAA 4 GG -140N NUSA, TENGGARA BINAA 4 GG -140N NUSA, TENGGARA NF				4 6G-140M	SELONG (PC)				4	
4 6G-140h NUSA TENGGARA BINA 4 6G-140h NUSA TENGGARA K9 4 CH SCPC SBK 7				8 6G-140M NUSA TENGGARA	Wes				89	
4 CH SOPC SBK LENBAR				4 6G-140M NUSA TENGGARA	BIMA				4	
1 1 1 1 1 1 1 1 1 1				4 6G-140M NUSA TENGGARA	ž					
LEMBAR LEMBAR T										
EMBARA 4 2C - 8M PCM-II (SE) 96 3 2 C - 77M PRAYA				7	LE IN PA		80	•	C I	
PPAYA			LEMBAR			18		1 2G-17M		. ,
SENGGICI 3 20 - 6M SYSTPANSJASINA 152 6 4 150 - 8M			PRAYA	4 2G - 8M PCM-II (SIE)		98	0		4	
NEGARA 1.5G - BM REMOTE - 2 1.5G - BM REMOTE - 2 DPR 140 5 5 5 5 5 5 5 5 5			SENGGIGI	3 2G - 8M SYSTBANSJASIKA		32	2		6	
RLUNGKUNG 2 1,5G-8M REMOTE-2 DPR 140 5 2 G-34M EANGLI LE IN PA 5 5 5 SELONG 4 1,5G-8M REMOTE-2 DPR 46 2 2 15G-8M SELONG 4 2G - RM PCM-II (SIE) MTR 46 47 M/W 4 SUMBAWA BESAR 4 2G - 34M NUSA TENGGARA DPR 46CH 170MA 46CH		NEGARA		2 1.3G - 8M REMOTE-2	DPR	152	9		8	6 TO EXPAND SYSTEM
LEIN PA 5 5 5 5 5 5 5 5 5		KLUNGKUNG	-	2 1.5G - 8M REMOTE-2	OPR	041	10		¥7	S NEW SYSTEM
SELONG SE				:	LE IN PA		10	ĸ	V7	5 VIA DPR
SELONG 4 2G - RM PCM-II (SIE) SUMBAWA BESAR 4 2G - RM PCM-II (SIE) SUMBAWA BESAR 4 2G - RM NUSA TENGGARA B 2G - 34M NUSA TENGGARA PR 8 2G - 34M NUSA TENGGARA PR 8 2G - 34M NUSA TENGGARA MTH (PC) PAGCH 46CH 76CH 76			BANGL		KLUNGKUNG	\$6	IO		NO.	5 TO EXPAND SYSTEM
SELONG 4.2G - RM PCM-II (SIE) WITH T.C.SC 46 41 M/W 4.2G - 94M NUSA TENGGARA B 2G - 94M NUSA TENGGARA MTH (PC) R 2G - 94M NUSA TENGGARA MTH (PC) A6CH TDMA 46C				4 1,5G-8M REMOTE-2	ОРВ			-1	3	
4 2G - RM PCM-II (SIE) MTR SUMBAWA BESAR 45 41 M/M 4 2G - 34M NUSA TENGGARA DPR 8 2G - 34M NUSA TENGGARA MTR (PC) 46CH 46CH TDMA 46C		SELONG			PAC	\$	81		2	2 TO EXPAND SYSTEM
SUMBAWA BESAR 4 4 2G – 34M NUSA TENGGARA DPR 8 2G – 34M NUSA TENGGARA MTR (PC) 46CH 46CH TDMA 46C				4 2G - RM PCM-II (SIE)	MTR	***************************************			4	
DPR MTR (PC) 46CH 46CH 46CH TDMA	M98	SUMBAWA BESAR		4	TC,SC		\$		₽	45 BACKBONE
MTR (PC) 46CH 46CH 46CH 7DMA				4 2G - 34M NUSA TENGGARA	DPR					
46CH 45CH TDMA				8 2G - 34M NUSA TENGGARA	MTR (PC)				8	
97 N Ca						46CH			46CH	
				i						

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Ç	E .	EXISTING FACILITY		REQUIRED OF NO.	PANSION	END OF	
2	9	NO.OF ZM SYSTEM PROJECT	DESTINATION	CIRCUITS 2MB/S	NO.OF 2M SYSTEM	NO. OF 2M	A E M A S K
ALAS		4 2G - 17M REMOTE-3	SBW	8		4	
			LEINPA		•		
	TALIWANG	12CH SCPC SBK	ALAS	24	1.5G-8M	•	1 TO UTILIZE EXIST
		4 2G - 8M REMOTE-3	W8S		4	n	
DOMPU				44	2 1.5G-8M	23	2 TO-UTILIZE EXIST
		41,5G-8M REMOTE-2	BIMA		-2	2	
BIMA		4 2G - 24M NUSA TENGGARA	MSS	120		प	
		4 1.53 - 8M REMOTE-2	DOMPU		-2 1.5G-RM	N.	
		4 2G - 34M NUSA TENGGARA	DPR			4	
		4 2G - 34M NUSA TENGGABA	MTR			*	
			LE IN PA	0	Ø	m	
	SILA SILA			. 32	2 2G-17M	8	
	TENTE			18	1 FO-34M	-	
VIKEKE (MQUEQUE)		12CH 3CPC 68K		8	BCH SCPC	2004	
END:		12	70,90		AVM 26	\$	44 BACKBONE
		2 69-140M NUSA TENGGARA	≿ 95				
	-	2 6G-140M NUSA TENGGARA	DPR				
		B 6G-140M NUSA TENGGARA	<u>82</u>				
		11 6G-140M NUSA TENGGARA	PC IN SA		භ	B	
		21CH SCPC SATELLITE					
				, AQ	40CH TDMA	40CH	
			LE IN PA		1 2G-17M	**	
	WOLCARU		:	14	1 2G-17M	1	
MAUMERE		4 8G-140M NUSA TENGGARA	END	84	2	4	
		12CH SOPC SBK					
LARANTUKA			END	32	2 2G-8₩	2	2 TO UTILIZE EXIST
		4 2G 8M NUSA TENGGARA	₽	•	2 2G-8M	N.	
		12CH 9CPC 88K					
BAJAWA		3 2G - 8M NUSA TENGGARA	END	*		e.	

E 4C-8	TABLE 4C-8 DIGITAL TRANSMISSION SYSTEM IN WITEL-VIII			 			-		FILE: TR-SYSORWK1
ş	<u> </u>	EXISTING FACILITY		REQUIRED OF NO.	OF NO.	EXPANSION		END OF	0 0 0 0 0
,		NO.OF 2M SYSTEM PROJECT	DESTINATION	£	2MB/S	NO.OF 214 ST	SYSTEM NO	0. OF 2M	
	RUTENG	4 NUSA TENGGARA	ENO	କ	64	4			
		3 26 - 17M SYSTRANSJASIKA	SPR			6			
•		1 28 - 17M SYSTRANSJASIKA	WGP						
		11CH SCPC SBK							
		. 129	LE IN PA		-	-	-	8	
	LABUHAN BAJO	8 2G - 17M REMOTE-3	RTG		٠			60	
		12CH SOPC SSK							
	REO			22		1 2G-17M	-17M	+	
	Waingapu (Pandawa)		Ü.	8	2	2 2G-17M	17M	8	
		3 2G - 17M SYSTRANSJASIKA	DPR					ю	
		1 2G - 17M SYSTRANSJASIKA	PTG					-	
		4 2G - 8M REMOTE-3	WACB			.7 .1			
		SCH SCPC SBX							:
	WAIKABUBAK		GND	8	. 63	2 2	2G~8M	8	2 TO UTILIZE EXIST
		4 2G - 3M REMOTE-3	WGP			-5		64	
		12CH SCPC SBK							
Đ.	KUPANG	æ	TC,SC		15	69	M/W	5	51 BACKBONE
		4 6G-140M NUSA TENGGARA	돷						
		4 6G-140M NUSA TENGGARA	Yas						
		4 6G-140M NUSA TENGGARA	DPR						
		8 60-140M NUSA TENGGARA	GND						
		22	PC IN SA		16	4		10	
		8 6G-140M NUSA TENGGARA	PC IN OTHER SA					¢0	8 WTR,LST
		48CH FDM/FM SATELLITE		-					
		48CH SCPC SATELLITE							
				¥596		HD39	TOMA	96CH	
			LE IN PA		-	1 20	2G-17W	_	
	CAMPLONG			õ	-	1 20	2G-17M	-	
	SOE	3 6G-140M NUSA TENGGARA	\$	\$	2			OI	
		12CH SCPC SBK							
			LE IN PA		•	- 20	2G-17M	-	
	NIC - NIK)			4	-	1 26	2G-17M	-	
	KEFAMENAHU	3 2G - 8M NUSA TENGGARA	Ş	8	**			69	

9 9	DIGITAL TRANSMISSH	TABLE 4C-8 DIGITAL TRANSMISSION SYSTEM IN WITEL-VIII	r		-				FILE: TR-8Y508.WKT
٤	۲	<u> </u>	EXISTING FACTLITY		RECRUSSED OF NO.	ĺ	10	END OF	6
	2		NO.CF 2M SYSTEM PROJECT	DESTINATION	CINCUITS 24	ZHB/S	NO.OF 2M SYSTEM	NO. OF 2M	SEMANNS
	ATAMBUA		3 20 - 8M NUSA TENGGARA	2	\$	N		ň	
			17CH SCPG SATELLITE						٠
				LE IN PA	*	~	2 2G-17M	67	-
		MALIANA	12CH SCPC SBK	ATAMABUA	5	2	2 2G-17M	2	
	BAA (TIMUR)		4 26 - 8M REMOTE-3	₽	7	-		*	
			12CH SCPC SBK						
		-		LE IN PA		-			
		SEBA (TIMUR)	12CH SOPC SBK	1	8 0	-		X	
	KALABAH		4 2G - 8W NUSA TENGGARA	es S	ĸ	~	-	4	
			17CH SOPC SATELLITE			į			
	ERMERA		Ì	d X	98	-	1 2G-6W		ين سين استاد
			3 2G - 8M NUSA TENGGARA	20					
			4CH SCPC SBX		!				
	BAUCAU			Ą	÷	2	2 FO-8W	2.1	2 TO EXPAND SYSTEM
-			4 FO - EM REMOTE-3	פרי				•	
				LEINPA	1	-	-	••	
			17CH SCPC SATELLITE					-	
		MANATUTO	:	BAUCAU	‡		FO-6M	-	
			4 FO - 8M BEMOTE-3	מת			FO-BM		
			12CH SCPC SBK						
	THIC		4 6G-14CM NUSA TENGGARA	. 3	142	чо	1 6G-140M	٧٠	
			4 6G-140M NUSA TENGGARA	- Kr	.·			•	
	:		4 6G-140M NUSA TENGGARA	¥85				*	
	:		4 6G-140H NUSA TENGGARA	840		:	•	•	
			4 2G - 17M REMOTE-3	BAUCAU				. 4 *	
			4 2G - 17M REMOTE-3	MANATUTO			٦	'n	
			BECH SCPC SATELLITE					• -	
				:	NO.		SCH TOMA	SCH	
•			2 NUSA TENGGARA	LE IN PA		51	69	*1	
		ALEU	12CH SCPC SBK		ž	:	1 23-174		
		AINARO	12CH SCPC SBX		8	-	BCH BCPC	20CH	
		LIQUISA	2 2G - 8M NUSA TENGGARA	72	8			2	
			12CH SCPC 68X						
		LOSPALOS	12CH SCPC SBK		8	'n	SCH SCPC	300	
	:	PANTE MAKASAR	12CH SOPC SBK		- 25	CI.	2 FO-34M	N	
		SAME	12CH SCPC SBK		8		18CH SCPC	Š	

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TABLE 40-9 DIGITAL TRANSMISSION SYSTEM IN WITEL-IX

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;	•		EXISTING FACILITIES	sa Sa	REQUIRED NO. OF	ර්	EVPANSION	S	ES OF	•
ည	37	NO.OF ZM SYSTEM	PROJECT	DESTINATION	CIRCUITS	2MB/S N	NO.OF 2M	SYSTEM	REPELITA-VI NO. OF 2M	REMARKS
BANJARMASIN KOTA		83				83	88	FO,M/W	888	SS BACKBONE
		40 FO-290M	SB-BJM FO	OTHER WITEL						
		8 6G140M	CROSS-KAL-1	PTK					٠	
		8 6G-140M	CROSS-KAL-1	SPT						
		2 2G - 34M	BJM-BPP	SMR					4	
	•	2 2G - 34M	BJM-BPP	BPP (PC)					6	
		72CH FDM/FM	SATELLITE							
		148CH TDMA	TDMA-182		19CH		d .		146CH	
	-	SOCH SCPC	SATELLITE							
		8		PC IN SA		23	5		3	
	:	.		LE IN PA		8	7		Ø	
		m		LE IN OTHER PA						
		88		JUNCTION		27				
	BANJAR BARU	8 FO-140M	REMOTE-3	BUM	272	9		٠	14	
		8 FO-140M	REMOTE-3	BUM ULIN					Ø	
	٠	8 2G - 34M	BJM-BPP	BJM						
	MARTAPURA			-	128 821	ĸ	S	2G-17M	ъ	
	Marabahan	1 2G - 34M BJM-BPP	BJM-BPP	MY6	ጃ	83	1-7	2G-34M	Ci	
	BINUANG				83	*-	+-	2G-34M	•	
	BANJARMASIN ULIN	58 FO-140M	REMOTE-3	BJM KOTA		72			55	
		8 FO-140M	REMOTE-3	BANJAR BARU				1	8	
PLEIPARI		8 2G 34M	REMOTE-3	MCG	8	8			œ	
		9CH SOPC								
		2 2G - 34M	REMOTE-3	KINTAP					8	
	KINTAP	2 2G - 34M	REMOTE-3	PLEIHARI					2	
KUALA KAPUAS		4 2G - 8M	SISTRANJASIKA	BUM (30CH ANALOG)	92	4			æ	
		4 8G140M	CROSS-KAL-1	BJW						
				LE IN PA		8	œ		61	
	KAHAYAN HILIR				\$2	-	-	6G-14DM	-	
	TAMIANG LAYANG	12CH SCPC	XBS		28		*-	2G-34M	-	
PALANGKABAYA		8 8G-140M	CROSS-KAL-1	ВЛМ	132	หา			60	

NO GENERAL STOTES FROLECT CENTIMATION CONDUITS SHARE STOTES SHOOTE STOTES SHALE STOTES SHOOTE STOTES SHALE S		<u>.</u>	EXISTING FACILITIES	1	REQUIRED NO. OF	EXPANSION	END OF	2 2 2 2 2
MARPH 150 - 9M	20			DESTINATION	į l	NO.OF 2K	NO. OF 2M	0 A E A E E E
1	ing.	MTCK	24CH SOPC		8	2 2G-17M		
TAMUNKATABALONG T.SGDAM BLM-BPP BLM DR 2 T.SGDAM				LE IN PA		1 26-17M		
TAMUNING TRANLONG T	ļ	AMPAH			8	1 2G-17M	7	
SCH SQPC SRK EN N	ΑT	NJUNG TABALONG		ВЛМ	8	+-	N	
NAMES AND ANGLAS AND	1		. [
1 26 - 344 SMATAU	3	NDANGAN		SC S	88.	9	7	
NAMANTAU 1 26 - 344 BAM-BPP BAM PROTE-3 (NO 52 2 2 26 - 344 ANAVATAU 1 26 - 344 BAM-BPP BAM PROTE-3 (NO 52 2 2 2 3 2 3 2 3 2 3 3 2 3 3 3 3 3 3			4	LE IN PA			13	-
1 20 - 344 B.HH-BPP B.HH R. 2 20 - 344 B.HH-BPP B.H		RANTAU		3	\$	tv	8	
NAGARA 126 - 844 PEROTE - 3 N.D 62 3 56 - 544	•			EVM.			-	
MUNIAN, TEMEH		NAGARA		K	62	ေ	. 4	
126-344 B.HSPP B.H. KAD 106 4 4 26-344 KAD 106 4 26-344 4 4 4 4 4 4 4 4 4		BARABAI	1	93	3/	63		
MUNON TENNER MUNON TENNER MUNON TENNER SATUR SA			26 - 34%	EUM			•	\$
1 SG - 344 EJM - BPP EJM HE WINTE - 3 A A A A A A A A A		AMUNTAL		KAD	106		4	
MUMBA TEWEH 120H SGPC				SUN.			-	
KOTA BANU 8 2G-34M REMOTE-3 BJM 128 5 6 2G -24M REMOTE-3 LE IN PA 3 4 PAGATUI 2 2G -34M REMOTE-3 KTB 9 4 2G-34M PAGATUI CIN 2 2G -34M REMOTE-3 KTB 19 6 4 2G-34M SPT ARTI LICIN 2 2G -34M REMOTE-3 KTB 19 6 4 2G-34M SPT ARTI LICIN 16 1 1 1 2G-34M 1 1 1 2G-34M 1	3 €	лаа темен	12CH SCPC		4	2	2	
12CH SCPC 6 2G - 34H REMOTE - 3 LE IN PA 3 4	8	та вави		BJM	128		eo	
SATU 2 26 - 34M REMOTE - 3 KTB K			12CH SCPC					
SATU 2.26 - 34M REMOTE - 3 KTB 154 6 4 26 - 34M PAGATAN 2.26 - 34M REMOTE - 3 KTB 154 6 4 26 - 34M SPT LICIN 2.26 - 34M REMOTE - 3 KTB 154 6 4 26 - 34M A 6G - 140M CROSS - KAL - 1 B.IM REMOTE - 3 M/W A 6G - 140M CROSS - KAL - 1 REM REMOTE - 3 M/W A 6G - 140M CROSS - KAL - 1 LE IN OTHER PA 10 1 1 2G - 17M KUMLA KUANAN 5CH SCPC SBK SBK 22 1 1 1 1 1 1 1 1				LE IN PA		4	10	
PAGATAN 2 2G - 34M REMOTE - 3 KTB 164 6 4 2G - 34M EATI LICIN 2 2G - 34M REMOTE - 3 KTB 164 6 4 2G - 34M SPT 16		SATU		KTB.			N	
SPT SPT 16 - 34M REMOTE - 3 KTB 154 6 4 26 - 34M SPT 16 - 34M REMOTE - 3 KTB 154 6 4 26 - 34M 16 - 34M CROSS - KAL - 1 BLIM 12 6G - 140M CROSS - KAL - 1 PTK 12 6G - 140M CROSS - KAL - 1 LE IN PA 12 6G - 140M CROSS - KAL - 1 LE IN OTHER PA 12 CH 10 M SCP SA KAL - 1 LE IN OTHER PA 12 CH 20 SA KAL - 1 LE IN OTHER PA 12 CH 20 SA KAL - 1 LE IN OTHER PA 12 CH 20 SA KAL - 1 SPT		PAGATAN		EE V			61	
### SPT 16, SC 45	1	MATI LICIN	. [Ē	164	4	8	
## 6G-140M CROSS-KAL-1 BJM ## 6G-140M CROSS-KAL-1 PTK ## 6G-140M CROSS-KAL-1 PTK ## 6G-140M CROSS-KAL-1 PTK ## 12 6G-140M CROSS-KAL-1 PTK ## 12 6G-140M CROSS-KAL-1 PTK ## 12 6G-140M CROSS-KAL-1 LE IN OTHER PA ## 12 G-17M ## 12 6G-140M ## 12 G-17M ## 13 G-140M ## 14 GG-140M ## 15 G-140M ## 15 G-140			16	70,90		XI	45	BACKBONE
4 6G-140M GROSS-KAL-1 PTK 10 1 12 6G-140M GROSS-KAL-1 PTK 12 6G-140M GROSS-KAL-1 PC IN SA 10 1 12 6G-140M GROSS-KAL-1 PC IN SA 10 1 12 6G-140M GROSS-KAL-1 LE IN OTHER PA 12 G-17M KASONGAN SCP C SATELLTE 8 1 1 2 G-17M KASONGAN SCH SCP C SAK 1				BUM				
4 6G-140M CROSS-KAL-1 PTR 12 6G-140M CROSS-KAL-1 PC IN SA 10 1 LE IN PA 3 3 4 6G-140M CROSS-KAL-1 LE IN OTHER PA 3 3 3 12CH SCPC SATELITE KUALA KUAYAN SCH SCPC SBK KUALA PEMBUANG SCH SCPC SBK 4 6G-140M CROSS-KAL-1 SPT 88 4 1 2G-17M KASONGAN KUALA PEMBUANG SCH SCPC SBK 4 6G-140M CROSS-KAL-1 SPT 88 4				SMR				
12 6G-140M CROSS-KAL-1 PC IN SA 10 1 LE IN PA 3 3 4 6G-140M CROSS-KAL-1 LE IN OTHER PA 3 3 12CH SCPC SATELITE KUALA KUAYA KASONGAN KUALA PEMBUANG 5 CH 5 CPC SBK KUALA PEMBUANG 5 CH 5 CPC TAM K 6G-140M K				ž				
4 6G-140M CROSS-KAL-1 LE IN OTHER PA 3 3 3 12CH SCPC SATELITE 8 1 1 2G-17M KASONGAN 5CH SCPC SBK 24 1 6G-140M XUALA PEMBUANG 5CH SCPC SBK 27 1 2G-17M 27 1 2G-17M 28 1 1 2G-17M 28 1 1 2G-17M 28 1 1 2G-17M 29 1 2G-17M 29 1 1 2G-17M 29 1 1 2G-17M 29 1 1 2G-17M 29 1				PC IN SA	í		13	
4 6G-140M CROSS-XAL-1 LE IN OTHER PA 12CH SCPC SATELLITE 8 1 1 KUMLA KUAYAN 5CH SCPC SBK 8 1 1 KASONGAN KUMLA PEMBUANG 5CH SCPC SBK 24 1 1 KUMLA PEMBUANG 5CH SCPC SBK 22 1 1 CROSS-KAL-1 SPT 89 4				LE IN PA			n	
12CH SCPC SATELLITE 8 1 1 1 1 1 1 1 1 1				LE IN OTHER PA			4	
KUMLA KUAYAN 5CH SCPC SBK 24 1 1 KUALA PEMBUANG 5CH SCPC SBK 22 1 1 4 6G-140M CROSS-KAL-1 SPT 36 4			SCPC					
КИЛА РЕМВИЛИТЬ 5CH SCPC SBK 22 1 1 1 4 4 6G-140M CROSS-KAL-1 SPT 88 4		KUALA KUAYAN	·		•	1 1 2G-17M	**	
KUMLA PEMBUANG 5CH SCPC S8K 22 1 4 6G-140M CROSS-KAL-1 SPT 88 4		KASONGAN			. 42	1 1 6G-140M	**	
4 6G-140M CROSS-KAL-1 SPT 88	1	KIJALA PEMBUANG	SCH SCPC		22	1 2G-17M	, , , , , , , , , , , , , , , , , , , ,	
	¥	MGKALAN BUN		S.	88	4	4	

	;	!		EXISTING FACILITIES		REQUIRED NO. OF	(O, OF	EXPANSION	END OF	
သ	PC	·	NO.OF 2M SYSTEM	PROJECT	DESTINATION	CRACUITS	2MB/S	NO.OF 2M SYSTEM	REPELITA-VI NO. OF 2M	REMARKS
	KETAPANG		4 8G-140M	CROSS-KAL-2	SPT	ੜ	m		. 4	
			10CH SOPC							
					LEIN PA			84		
		KENDAWANGAN			KATAPANG	4	63	2 6G-140M	. 2	
			4 6G-140M	CHOSS-KAL-1	SPT	-			*	
			7CH SOPC	Xes						
	SUKADANA		4 6G-140M	CROSS-KAL-2	SPT	18			*	
	KUALA KURUN		SCH SCPC			12	-	7CH SOPC	12CH	
	PURUK CAH					9	-	1 2G-17M	-	
SMR	SAMARINDA		16				\$	W/W 89	\$	84 BACKBONE
			9 6G -140M	OROSS-KAL-2	W.W.					
			4 6G -140M	CHOSS-KAL-2	ЯТЯ					
٠			4 6G -140M	CHOSS-KAL-2	TAS					
			. 25		PC IN SA		ģ	7	8	
			**		LE IN PA		*		*	
			120СН ГВМЛЕМ	SATELLITE						
			SOCH TEMA	SATELLITE		180CH		90СН ТОМА	180CH	
			60CH SCPC	SATELLITE						
		TENGGARONG	4 2G - 8M	SISTRANJASIKA	SMR (20CH ANALOG)	110	*		4	
	BALIXPAPAN		48 6G -140M	CROSS-KAL-2	SWR	8 4 8	8		\$	
			2 2G - 34M	BUM-BPP	M.S.					
			1 2G - 34M	BJM-BPP	प्रदर्भ					
			40 FO-140M	JUNCTION-TR	JUNCTION	<u>*</u>	\$	18 FO-140M	89	
			SECH FOMIFM	SATELLITE						
			SOCH SOPC	SATELLITE						
			118CH TDMA	TDMA-2						
		BALIKPAPAN-SPG	40 FO-140M	HT-NOTTONAL	JUNCTION	, 198,	87	18 FO-140M	86	
	TANAH GROGOT				SMR	\$	~	2 6G-140M	· ·	
			1 60-140%	ЕЛМ-ВРР	999					
	MALAK (LONGIRAM)	-				16	-	16CH SCPC	16CH	
	BONTANG		4	PKS	SMR	138	κģ		*	
			84СН ҒОМ/FМ							
			12CH SCPC	Sax		111111111111111111111111111111111111111				
	TANJUNG REDEP		12CH SCPC	XBX	SMR	8	4	4 6G-140M	4	

										FILE : TR-SYSOS WK1
sc	2	គ្ន		EXISTING PACKITIES	i	REQUIRED NO. OF	- 1	EXPANSION	END OF REPELITA-VI	REMARKS
			NO.OF ZWI SYSIEM	PROJECT	DESTINATION	CIRCUITS	2MB/S	NO.OF 2M SYSTEM	NO. OF 2M	
TAR	TARAKAN		42CH SCPC		70,50		43	43 8G-140M	43 8	43 BACKBONE
						88		38CH TOMA	39CH	
					PC IN SA		es	Ф.	ო	,
					LE IN PA		4	*	4	
		NUNUKAN	10CH SCPC	XBX		92	寸	4 2G-17M	4	
	TANJUNG SELOR		12CH SCPC	X8X		*	и	2 6G-14DM	8	
	MALINAU		12CH SOPC	X8.		83	-	1 2G-17M		
¥	PONTIANAK		9		0801		58	Se Se		Titoday 30
			8 2G - 34M	CROSS-KAL-2	N N		3		3	Si Nogon
		٠	4 2G - 34M	CROSS-KAL-2	SWR					
			8 2G - 34M	CROSS-KAL-2	SBY					
			18 2G - 34M	CROSS-KAL-2	יאל					
			4 2G - 34M	CROSS-KAL-2	res.					
			84CH FDM/FM	SATELLITE						
			29CH TDMA	SATELLITE		16CH			200	
			SBCH SCPC	SATELLITE						
		,	18 2G - 34M	CROSS-KAL-2	PC IN SA		16	,	61	
		į	4 2G - 34M	CROSS-KAL-2	LE IN PA		ဖ	œ	4	
		SUNGA! PRINTUH				8	, N	2 2G-17M	24	
		MEMPAWAH	4 2G - 34M	CROSS-KAL-2	χτα	8	88	4	*	
			12CH SCPC							
		PONTANAK II				8	60	3 FO-140M	0	
		PONTANAK K	-			88	ဗ	3 FO-140M	60	
	SINGKAWANG		8 2G - 34M	CROSS-KAL-2	¥	142	10		æ	
			24CH SCPC		ž.					
			8 2G - 34M	CROSS-XAL-2	LE IN PA		10	e	#	
		BENGKAYANG	12CH SOPC	Sak		ぉ	Ø.	2 2G-17M	N	
:		PEMANGKAT	4 2G - 34M	CHOSS-KAL-2	MS	83	us	1 2G-34M	ų	
	-	SAMBAS	4 2G - 34M	CROSS-KAL-2	· MS	8	,		4	
			12CH SCPC							
	NGABANG		2 2G - 34M	CROSS-KAL-2	¥	45	64		N	

Prope: 5

SANIGGAU LE	BE 40-9	Table 40-9 Distal Transmission system in Witel-IX	System in witel—ix			4. 3.					FILE: TR-SYSOBWK1
SANGGAU SAN		S	<u>.</u>		EXISTING FACILITIES		REQUIRED N	10. OF	EXPANSION	END OF	200
3 26 - 34M ChOSS - KAL - 2 PTK TO 3 SEKADAU	ړ	2	, re	NO.OF ZM SYSTEM	PROJECT	DESTINATION	CHOUITS	2MB/S	NO.OF 2M SYSTEM	NO. OF 2M	A E M A B A B
SEKADAU 2 2G - 34M CROSS - KAL-2 LE IN PA 4 SEKADAU 2 2G - 34M CROSS - KAL-2 CROSS -		SANGGAU		3 2G - 34M	CRCSS-KAL-2	ž	0,	60		8	
2 CACSS-KAL-2 LE IN PA 4 SEKADAU 2 2G - 34M CACSS-KAL-2 LE IN PA 52 BALAIRARANGAN 12CH SCPC SBK 3 2G - 34M CACSS-KAL-2 PTK 62 3 2 4CH SCPC 14CH SCPC LE IN PA 18 1 2G - 34M SEMITAN 12CH SCPC 2 2 G - 34M 1 1 2G - 34M 1 2 G - 34M 1 1 2G - 34M 1 1 2G - 34M				SCH SOPC	Xex				٠		
SEKADAU 2 2G - 34M CROSS-KAL-2 32 2 BALAIKARANGAN 12CH SCPC SEK 40 2 3 2G - 34M CROSS-KAL-2 PTK 62 3 2 4CH SCPC 2 4CH SCPC PTK 36 2 14CH SCPC LE IN PA 1 1 12CH SCPC LE IN PA 1 1 12CH SCPC 2 1 1 12CH SCPC 2 1 1 12CH SCPC 1 1 1 12CH SCPC 2 1 1				C)	CAOSS-KAL-2	LE IN PA		4		69	
### SEMITAN BALAIKARANGAN 12CH SCPC 3 8G - 34M			SEKADAU	2 2G - 34M	CROSS-KAL-2		83	61		83	
3 80 - 34M CROSS - KAL - 2 PTK 62 3 2 26 - 34M CROSS - KAL - 2 PTK 36 2 14CH SOPC LE IN PA 1 1 26 - 34M SEMITAN 12CH SOPC LE IN PA 18 1 26 - 34M			BALAIKARANGAN				Ŝ.	61			
3 26 - 34M CROSS - KAL-2 PTK 62 3 2 26 - 34M CROSS - KAL-2 PTK 36 2 14CH SCPC LE IN PA 1 1 SEMITAN 12CH SCPC 2 26 - 34M CROSS - KAL-2 PTK 36 2 1 1 1 26 - 34M 1 26 - 34M				12CH SOPC	SEK				. !	40CH	
2 2G – 34M CROSS – KAL – 2 PTK 36 2 14CH SCPC LE IN PA 18 1 1 SEMITAN 12CH SCPC 26 1 1 1		SINTANG		3 2G - 34M	CROSS-KAL-2	ЖL	62	6		၈	
2 2G = 34M CROSS-K4L-2 FTK 36 2 14CH SCPC LE IN PA 1 1 SEMITAN 12CH SCPC 28 1 1				24CH SOPC							
SEMITAN 14CH SOPC LE IN PA 18 1 1 1 1 1 1 1 1 1 1 1 1		PUTUSABAU		2 2G 34M	CROSSKAL-2	Æ	8	2		2	
SEMITAN 18 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				14CH SCPC							
SEMITAN 18 1 1 1 1 1 1 2 2 2 1 1 1				-		LE IN PA		-	•••	**	
12CH SCPC			SEMITAN				18	+	1 2G-34M		-
		NANGAPINOH		12CH SOPC			8 2	•	1 2G-17M	-	

UP DA AKOTA	4	12 6G-140M 46 6G-140M 4 6G-140M 4 6G-140M				1			C > C + 25 L C
•		48 12 6G-140M 4 6G-140M 4 6G-140M	PROJECT	DESTINATION	CIRCUITS 2MB/S	S	NO OF 2N SYSTEM	EM NO. OF 2M	X X X X X X X X X X X X X X X X X X X
		12 6G-140M 4 6G-140M 4 6G-140M				121	78 FO,MJW		127 BACKBONE
		4 6G-140M	TRANS-SUL 1	MO					•
		4 6G-140M	TRANS-BUL 1	GTO (PC)					*.
			TRANS-SUL 1	TU(PC)				ŧ	
	·	4 6G-140M	TRANS-SUL 1	LWK (PC)					
		4 6G-140M	TRANS-SUL 1	RTP (PC)					
		12 &G-140M	TRANS-SUL 1	PAL					-
		12 6G-140M	TRANS-SUL 1	PRE	•				
		8 6G-140M	TRANS-SUL 1	PLP (PC)					
		12 6G-140M	TRANS-SUL 1	Ř					
:		52 ANALOG		THROUGH (JKT)					
		40 ANALOG		THROUGH (SBY)					
		300CH FDM/FM	SATELLITE						
		180CH TDMA	SATELLITE		эдэсн		123CH TDMA	IA 303CH	X
		120CH SCPC	SATELLITE						
		श्च		PC IN SA		11	7	44	22
		4		LE IN PA		5		-	11
		:		LE IN OTHER PA	•				
		169 FD - 140M	- 1001∨	NOITONOS		8		16	187
		4 2G - 34M	REMOTE-2	JUNCTION			14 11G-140M	(40M	
AMCT	ş	32 FO - 140M	TEL-IV				•		32
an	UP MANDA	4 2G - 34M	REMOTE-2	JUNCTION		57	41 11G-140M		57
		12 2G - 34M	1€L− IV	JUNCTION					
i dn	UP MATTANGIN	27 CABLE		JUNCTION		83		**	132
		105 FO 140M	TEL-1V	JUNCTION					
an ·	UP PANAKUKANG	105 FO 140M	TEL-IV	JUNCTION		8			103
i dΩ	UP SUNGGUMINASA	47 FO - 140M	1 TEL−W	SUNCTION		æ	:		5
CAN	CAMBA				8	-	1 8G-140M	40M	
MAL	MALINO	7			83	-	1 20-1	2G-17M	
MAR	MAROS	4 2G - 6M	4 2G - 6M SISTRANSJASIKA	UP (BOCH ANALOG)	8	60		4. 	4
NUS	SUNGGUMINASA				144	ın	5 2G-17M	(7)	25
PANGKAJENE	1.	4 2G - 8M	4 2G - 8M SISTRANSJASIKA	UP (SOCH ANALOG)	88	က			4
				LEINPA		C3	3 2G-BM	ВМ	3. TO EXPAND SYSTEM
BAB	BARRU			PANGKAJENE	8	09	3 2GBM	we	3 TO EXPAND SYSTEM

ç	<u>u</u>		EXISTING FACILITY	-	REQUIRED NO. OF	NO.09	EXPANSION	.	END OF	
2	4	NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS	2MB/S	NO.OF 2M	SYSTEM	NO, OF 2M	SEMARKS
WATAMPONE	NE	8 6G-140M	TRANS-SUL 1	ď	8	ю			ω	
		4 6G-140M	TRANS-SUL 1	JKT					4	
		4 63-140M	TRANS-SUL ;	χes					4	
		4 6G-140M	TRANS-SUL 1	ξĠ		٠			4	
		4 6G-140M	TRANS-SUL 1	PRE					4	
		4 2G-1.5M	RA-2, T-SUL 1	SENGKANG			٠.		4	
		4 6G-140M	TRANS-SUL 1	WATANSOPENG					4	
-		4 2G-8M	REMOTE-3	SINJAI			:		4	
		17CH SOPC	SATELLITE							
WATANSOPENG	PENG		:	a a	42	67	2	1.5G-8M	N	2 TO UTILIZE EXIST
		4 1.5G - 8M	4 1.5G - 8M - RA-2, T-SUL 1	WTP			7			
				LE IN PA	23		•	2G-17M	-	
	CABENGGE			WATANSOPENG	ផ	,-	,	2G-17M	***	
BANTAENG		4 1.5G - 8M	REMOTE-2	UP (BY SISTRANSJASIKA)	. 82	. 69			4	
			٠	LE IN PA			ဗ	1.5G-BM	n	3 TO EXPAND SYSTEM
	BULUKUMBA			BANTAENG	98	e	ဗ	1.5G-8M	8	3 TO EXPAND SYSTEM
		4 1.56 ~8M	REMOTE-2	UP (BY SISTRANSJASIKA)					4	
BENTENG		4 2G - 17M	SISTRANSJASIKA	UP (30CH ANALOG)	34	2			4	
SINUAL				ņ	8	C.	61	2G-8M		2 TO UTILIZE EXIST
		4 2G - 8M	REMOTE-3	WTP			?		61	
		17CH SOPC	SATELLITE	WTP						
TAKALAR		12CH SCPC	38K		26	-	-	2G-17M	+	
JENEPONT	F-			å	88	C.	61	2G-8M	23	2 TO UTILIZE EXIST
		4 2G - 8M	REMOTE-3	BONTO TINO			-2		8	
		12CH SCPC	Xes							

TABLE 40-10 DIGITAL TRANSMISSION SYSTEM IN WITEL X

ç	u.		EXISTING FACILITY	1	REQUIRED NO, OF	EXPANSION	END OF	0 0 2 0 0
		NO.OF ZM SYSTEM	PROJECT	DESTINATION	CIRCUITS 2MBJS	NO.OF 2M SYSTEM	NO. OF 2M	2000
PARE-PARE	W	\$	ī	70,30	•	52 8 M/W	ñ	52 BACKBONE
		12 6G-140M	TRANS-SUL 1	뉽				
		8 6G-140M	TRANS-SUL 1	SBY				
		12 6G-140M	TRANS-SUL 1	d O				
		4 6G-140M	TRANS-SUL 1	KDi				
		4 6G-140M	TRAKS-SUL 1	PAL				
		4 6G-140M	TRANS-SUL 1	S S				
		89	TRANS-SUL 1	PC IN SA	•	17 8	#	16
		4	TRANS-SUL 1	LE IN PA		ĸn Gr	v	Ø
		*	TRANS-SUL 1	LE IN OTHER PA				4
	PINHANG	4 1.5G - BM	RA-2, T-SUL 1	PRE	28	4 1,5G-BM		4 TO EXPAND SYSTEM
	SIDENRENG				88	3 2G-17M	Ü	6
	SIDRAP (RAPPANG)				S .	2 2 2G-17M		N
	-	12CH SCPC	SBK					
MAJENE		2 2G - BM	RA-2, T-SUL 1	PRE	B	ત્ય		2
Y		2 2G - BM	RA-2	POLEWALI				2
POLEWAL		2 2G - 8M	RA-2, T-SUL 1	PRE	52	2		2
		2 2G - BM	FA-2	MAJENE				2
RANTEPAO				PRE	8	3 2G-34M	•	
s V	- -	4 2G - 34M	TRANS-SUL 1	an an				
		4 2G - 34K	TRANS-SUL 1	PLP				
		SOCH SCPC	SATELLITE					
				LE IN PA		3 2G-17M	•	
	MAKALE				88	3 3 2G-17M		8
PALOPO		4 2G - 34M	TRANS-SUL 1	PRE	102	4	•	4
•		8 2G - 34M	TRANS-SUL 1	אָע		•		8
		4 2G - 34M	TRANS-EUL 1	kas.				٠,
		8 2G - 34M	TRANS-SUL 1	&				æ
		4 2G - 34M	TRANS-SUL 1	PAL			•	4
		4 2G - 34M	TRANS-SUL 1	Q.				4
		4 2G - 34M	TRANS-SUL 1	ğ				4
		4 2G - 34M		ATP (PC)		-		:
		24CH SCPC	SATELLITE					
		~	•	LE IN PA				*

				EXISTING FACILITY		REQUIRED NO. OF	o o	EXPANSION	Ñ	END OF	
ပ္တ	S.	4	- i			ij	1			REPELITA-VI	REMARKS
			NO.CL ZM SYSIEM	PROJECT	DESTINATION	CHCOIIS	SMB/S	NC CY NA	SYSTEM	NO. OF ZM	
	MALEIT				P.RE	8	-	-	2G-8M	-	1 TO UTILIZE EXIST
			4 2G - BM	TRANS-SUL 1	PLP					6	
	MAMW		12CH SCPC	SBK		92	+	14였	SCPC	28CH	
	ENREXANG		SCH SCPC	SBK	PRE	8	2	2	2G-17M	2	2 VIA PINRANG
	SENGKANG				PRE	\$	8	63	1,5G-8M	8	2 TO UTILIZE EXIST
			4 CABLE	RA-2,T-SUL 1	WTP			-2		2	
	MANADO I		\$		TC,SC		8	133	M/M	8	& BACKBONE
			12 6G-140M	TRANS-SUL 1	JKT						
			8 6G-140M	TRANS-SUL 1	žS						
			12 6G-140M	TRANS-SUL 1	ď						
			4 8G-140M	TRANS-SUL 1	PAL						
			4 8G-140M	TRANS-SUL 1	P.95					٠	
			4 6G-140M	TRANS-SUL 1	Ε						
			156CH FDM/FM	SATELLITE							
			SCH TDMA	SATELLITE		134CH		38 CH	TDMA	134CH	
	:		48CH SCPC	SATELLITE							
			4 6G-140M	TRANS-SUL 1	LK (PC)						
			4 6G-140M	TRANS-SUL 1	PLP (PC)						
		•	4 6G-140M	TRANS-SUL 1	KTG (PC)						
			14 6G-140M	TRANS-SUL 1	PC IN SA		18	Ø)		Ø	
			81		LE IN PA		83	83		83	
		MANADO !!				88	ន	ĸ	FO-155M	g	
		TOMOHON	2 1.5G -8M	REMOTE-2	MO	62	ത	-	1,5G-8M	ო	
			8 2G - 34M	TRANS-SUL 2	TONDANO					8	
	TONDANO		2 1,5G 8M	HEMOTE-2	МО	22	ø	1	1.56-8	es	-
			8 2G - 34M	TRANS-SUL 2	TOMOHON					60	
					LE IN PA	83	60	6	26-17M	0	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	KAWANGKOAN		-		62		9	2G-17M	8	
	TAHUMA		24CH SCPC	SATELLITE		8	6	36CH	SCPC	HOOS	
	KOTAMOBAGU		4 ENTRANCE	4 ENTRANCE TRANS-SUL 1	OM.	\$	Ø		•	4	

SC PC GORONTALO		2	EXISTING FACILITY		REQUIRED NO. OF	or or	EXP ANSION	ENO OF	
GORONTALO	37:	NO.CF ZM SYSTEM	PROJECT	DESTINATION	CIRCUITS	2MB/S	NO.OF 2M SYSTEM	REPELITA-VI NO. OF 2M	REMARKS
		8 2G - 34M TI	TRANS-SUL 1	P. C.	218	60		80	
			TRANS-SUL 1	å				4	
		SOCH TOWA	SATELLITE						
		19CH SCPC. S.	SATELLITE						
		4		LE IN PA		11	69	1	
		4		KWD				*	
	KWD	4	C -	5				4	
	LIMEOTO	4 2G - 8M S	SISTRANJASIKA	GT (SOCH ANALOG)	112	40	1 2G-8M	.	5 TO EXPAND SYSTEM
	PAGUYAWAN				36	2	2 2G-17M	2	
BITUNG				MO	162	*	7 2G-34M	7	
				LE IN PA		-	1 2G-17M	**	
	AIR MADIDI				16	-	1 2G-17M	**	
AMURANG		12CH SCPC S	SBX		23	٠.	1 2G-17M	-	
PAL PALU	-	04				3	M/M C1	\$3	53 BACKBONE
		B 6G-140H T	TRANS-SUL 1	TX5					
		8 &G-140M T	TRANS-SUL 1	X8S					
÷		12 6G-14GM T	TRANS-SUL 1	S					
		4 6G-140M T	TRANS-SUL 1	Ķ					
	•	4 6G-140M T	TRANS-SUL 1	PRE					
		4 6G-140H T	TRANS-SUL 1	MO					
		72CH SCPC S	SATELLITE	.*					
		12		PCINSA		65	8	*	
		4 69-140M T	TRANS-SUL 1	PLP (PC)				শ্ব	
		2 2G - 17M REMOTE-2	EMOTE-2	LE IN PA		63	1 20-17W	m	
		84		LE IN OTHER PA	-				:
	DONGGALA	2 VF CABLE (10P)	۶		95	N	٠	N	
	TAWAELI				8	**	1 2G-17M	-	1 TO INSERT INT EXIST
PARIG		12CH SOPC S	38K		83	-	1 8G-140W		
Poso		4 6G-140M T	TRAMS-SUL 1	PAL	: : 83	in?	1 8G-140M	in .	5 CABLE ENTRANCE
		SCPC	SATELLITE	•		÷			
-		1.0	!	LE IN SA	:	4	2	5	
	TENTENO	4 2G - 8M T	TRANS-SUL 1	POSO				•	
	PALASIA	-			83	2	2 2G-17M	2	
	AMPANA	4 2G - BM T	TRANS-SUL 2		ន	64		4	٠

Pege: 6

			EXISTING FACILITY		REQUIRED NO. OF		EXPANSION		END OF	
ည	4	NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS	2MB/S	NO.OF 2M	SYSTEM	NO. OF 2M	MEMARKS
TOUTOU		4 2G - 34M	TRANS-SUL 2	PAL	88	60				
		4 2G - 34M	THANS-SUL 2	ā					4	
		9CH SCPC	X88				÷			
		4	ě.	TINOMBO						
		*	۴.	MOUTONG						
	TINOMBO	4	~	구						
	MOUTONG	4 2	¢-	口						
רמאמג		4 2G - 34M	TRANS-SUL 2	PAL	28	4			4	
		4 2G - 34M		an						
		4 2G - 34M	TRANS-SUL 2	Og.					\$	
		19CH SCPC	SATELLITE	,						
•		4 29 - 34M	TRANS-SUL 2	LE IN PA					4	
	BUNTA	4 2G - 8M	TRANS-SUL 2	¥					4	
BANGGA		12CH SCPC	XBX	PAL	18	-	٦	2G-17M	7-	
KENDARI		3				47	۲-	M/M	47	47 BACKBONE
		8 6G-140M	TRANS-SUL	JKT						
-		8 6G-140M	TRANS-SUL 1	ХЯЗ						
		12 6G-14DM	I TRANS-SUL 1	₽						
		4 6G-140M	TRANS-SUL 1	PRE						
		4 6G-140M	TRANS-SUL 1	СM						
	-	4 6G-140M	I TRANS-SUL 1	PAL						
		SACH SOPC	SATELITE							
					28CH		28 CH	TDM\$4	28CH	٠
		4 6G-140k	4 6G-140M TRANS-SUL:1	PLP (PC)					4	
		16		PC IN SA		CO .			16	
		ω		. LE IN PA		4	-		C+	
	PALANGGA				∓	***	-	2G-17M	•	
	UNAAHA	8 2G - 17M	# REMOTE-3	ŽĢ.	Æ	60			¢n	8 VIA TR-SUL
1		12CH SCPC	SBK							
BAU-BAU		4 2G - 17M	# REMOTE-3	iαχ	88	69			4	
		4 2G 17M	8 REMOTE-3	RHA		•			4	
		17CH SCPC	SBX							
				LE IN PA						

Pege: 7

TABLE 4C-10 DIGITAL TRANSMISSION SYSTEM IN WITEL X

	ş				EXISTING FACILITY		REQUIRED NO. OF	NO. OF	EXPANSION	END OF	-
3	7.C		NO.OF 2M SYSTEM	SYSTEM	PROJECT	NO.OF 2M SYSTEM PROJECT DESTINATION	CIRCUITS	2MB/S	CIRCUITS ZMB/S NO.OF ZM SYSTEM	EM NO.OF 2M	REMARKS
RAHA	ধ		4	2G 17M	4 2G - 17M REMOTE-3	ğ	28	en.			
			*	2G - 17M	4 2G - 17M REMOTE-3	BAU				4	
ļ				17CH SCPC	SATELLITE						
χ	KOLDKA		80	8G-140M	8 6G-140M TRAMS-SUL 1	į	62	6		80	
			17CH	17CH SCPC	SATELLITE						
			٠			LEINPA		•	1 2G-17M	TZM 1	
		LASUSUA					25	•	1 2G-17M	17k	

FILE: TR-SYS10,WK1

		•	EXISTIN		REQUIRED NO. OF	P.	EXPANSION	NON	END OF	2
ပ္တ	ပ္		NO.OF 2M SYSTEM PROJECT	DESTINATION	CRCUITS	ZMB/S	NO.OF ZM	SYSTEM	NO. OF 2M	
	AMBON CENTRUM		•			8	8	٤	8	60 BACKBONE
	-		144CH FOM/FM SATELLITE							
				-	٠					
					118CH		118CH	TOMA	118CH	
			4 26 - 34M REMOTE-3	MASOHI					43	
				LE IN PA		-	•		-	
			12	JUNCTION		7.	2	2G-34M	14	
		AMBON PASO	:	JUNCTION		5	우	2G-34M	Ü	
	**	AMBON POKA	8 2G - 34M REMOTE-3	JUNCTION	٠	7	\$		12	
			4 2G - 8M STRANJASKA	JUNCTION						
	-	ГЕНОТО			¢a	-	-	2G-17M	1	
	NAMLEA		SCH SCPC SBK		85	es	77CH	SCPO	82CH	
				LE IN PA						
	-	PULAU SAPARUA	4 2G - 34M REMOTE-3	88	8	8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4	
	MASOHI		4 2G - 8M REMOTE-3	AB	8	67			*	
			12CH SCPC SBK							
				LE IN PA						
	- ;	BULA			18	~	18CH	SCPC	18CH	
	TUAL.	ı.	24CH SCPC SATELLITE		52	22	28CH	SOPC	52CH	
	0800		12CH SCPC SBK		83	-	16CH	SCPC	78CH	28CH MODIFICATION OF SBK
	SAUMLAKI		SCH SOPC SBK		45	2	37CH	SCPC	42CH	42CH MODIFICATION OF SEK
	BANDA MEIRA		12CH SCPC SBK		18	-	- F2	SCPC	18CH	18CH MODIFICATION OF SBK
	TERNATE				244CH	٠	244CH	AMC	244CH	
			Ø	PCINSA		4	2		10	
			44CH SOPC SATELLITE			-			44CH	
	JAJOLOLO			۲	22	-	-	2G-17M	1	

TABLE 40-11 DIGITAL TRANSMISSION SYSTEM IN WITEL XI

ç	š	ŭ		EXISTING FACILITY		REQUIRED NO. OF	NO, OF	EXPANSION	NON	END OF	() () () () () () () () () ()
	2		NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS	ZMB/S	NO.OF 2M SYSTEM	OF 2M SYSTEM	NO. OF 2M	ひればればして
	70851.0		17CH SCPC	SATELLITE		8	2	43CH	SCPC	60CH	-
					LE IN PA						
		MOROTAL SELATAN	12CH SCPC	SBK		₩	-			12CH	
		GANE BARAT				60	-	S	SCPC	8CH	
		LAWUI				60	-	쭚	SCPC	8CH	
		DALTAMILA				8	2	2	2G-17M	2.5	2 FOR SANANA
	WEDA				11	9.	*	-	2G-17M	-	
	LABUHA		12CH SCPC SBK	SSK.		5	-	ਝੂ	SCPC	±281	IBCH MODIFICATION OF SBK
	SANANA		SCH SCPC	SATELLITE		32	2	2 27CH	SOPC	320H W	32CH MODIFICATION OF SEX
	SOASIU		8 2G-17M REMOTE-3	REMOTE-3	Ħ	\$	2			æ	· .
			12CH SCPC	S.B.K						12CH	

				EXISTING FACILITY		REQUIRED NO. OF	Ş. Q.	EXPANSION	SiON	END OF	
S	ပ္ထ						!			REPELTA-VI	REMARKS
			NO.OF 2M SYSTEM	PROJECT	DESTINATION	CIRCUITS	2MB/S	NO.OF 2M	SYSTEM	NO. OF 2M	
SOS	SOHONG		÷		TC,SC		#	47	ይ	47 (47 BACKBONE
:			SECH FDM/FM	SATELLITE							
	1		44CH SCPC	SATELLITE							
		-			LE IN PA		ღ	۳	2G-17M	-	
		SORONG DOOM				63	+	-	2G-17M	-	
		TEMINABUAN	12CH SCPC	XBS		98	2	24CH	.	₩.	
	FAK-FAK		24CH SCPC	SATELUTE		78	၈	52CH	SCPC	78CH	
	KAIMANA		17CH SCPC	SATELLITE	1	32	2		SCPC	32CH	
AAU.	JAYAPURA	-			·		8	8	2	83	63 BACKBONE
					PC IN SA		6	က	ß	e	
			108CH FDM	SATELLITE							
			BZCH SCPC	288							
						109CH		109CH	AMCT	109CH	
					LE IN PA		14	14		77	
		ABEPURA	CABLE	PKS		2	2	7	2G-34M	2	
		SENTANI	CABLE	PKS		<u>‡</u>	'n	ιO	2G-34M	Ω	
		NIMBORANG				.01	-	**	2G-17M		
		ARSO				0.	+	1	2G-17M	+	
	BIAK		SECH SOPC	SATELLITE		88	6	60	9	69	
					LE IN PA						
		SUFICH				12	-	₹ ₹	scPc	12CH	
		NUMFOR				2	* -	10CH	S S	100H	
	MANOKWARI		31CH SCPC	SATELLITE		0,2	0	용	SCPC	AGK.	
	SERUI		22CH 50PC	SATELLITE		42	6	20CH	SCPC	42CH	
		WAROPEN ATAS				8	-	쭚	SCPC	HD8	
	NASIBE		12CH SCPC	XBX		52	. 01	40CH	SOPO	52CH	
		PANIA TIMUR				16	-	16CH	SCPC	16CH	
	SARMI		12CH SOPC	SATELLITE		£	-		SCPC	12CH	
	WAMENA		12CH SGPC	Xes		52	2	40CH	SCPC	52CH	

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TABLE 4C-12 DIGITAL TRANSMISSION SYSTEM IN WITEL XII

သွ	2		EXISTING FACILITY		REQUIRED NO. OF	VO. OF	EXPANSION	Sion		
		NO.OF 2M SYSTEM PROJECT	PROJECT	DESTINATION	CIRCUITS 2MB/S		NO,OF 2M SYSTEM	SYSTEM	REPELITA-VI NO. OF 2W	REMARKS
NUKE	MERAUKE MERAUKE	-			122CH		122CH	122CH TDMA	122CH	
		SOCH SOPC	SATELLITE						30CH	
	AGATS				0)	-	195 195	10CH SCPC	10CH	
	TANAH MERAH	12CH SCPC	SBK		5	-			120H	
İ	TIMIKA (MIMIKA TIMUR)	24CH SCPC	SATELLITE	:	8	2		SCH SCPC	7082	

Data 5 Cost Estimate

,860,940 7,061,543 2,948,412 5,864,198 4,377,11 1,416,739 5,454,908 34,988,611 290,488 ,910,704 4,421,401 129,741 1997 (US\$) 1,712,438 1,860,940 1,457,119 699,520 1996 (US\$) 1,455,819 16,047,108 1,425,85 2,792,33 2,813,180 5,105,300 2,031,590 1,510,530 28, 293, 318 3,910,550 6,463,200 2,057,643 2,440 6,620 2,250 REMOVE (L.U) 2,560 1,270 2,190 790 7,030 3,340 2,536 6,504 1,070 26,380 NEW UNIT 25,000 26,260 4,990 5,510 2,680 39,000 103,150 1 MEDAN CEN. BALAIKOTA 2 PANGKALAN BRANDAN TEBING TINGGI DELI BANDA ACHE CENTRUM PADANG SIDEMPUAN NO. EXCHANGE NAME P. SIANTAR CEN. RANTAU PRAPAT GUNUNG SITOLI BLANG KEJEREN PANYABUNGAN LHOKSEUMAWE PANGURURAN SIDIKALANG 1 KUTA CANE KABANJAHE SINABANG TARUTUNG PARAPAT SIBOLGA SABANG

COST ESTIMATION for P.C AREAS (WITEL I)

313,936 1988 (US\$) 8,571,243 564,045 3,389,870 5,617,228 1997 (US\$) 1,302,106 12,580,434 18,394,370 1,398,502 2,929,657 1996 (US\$) 1,528,762 102,907 82,064 37,774 225,356 875,376 ,418,583 16,534,887 55,007 79,459 300,910 ,592,857 5,487,51 3,464,505 523,660 392,095 1994 (US\$) 5,600 REMOVE (r. u) 1,160 CONVERT 3,416 NEW UNIT 20,130 45,080 23,930 1,020 COST ESTIMATION for P.C AREAS (WITEL II) 1,150 390 3,840 860 400. (L.U) AREA CODE TANJUNG BALAI KARIMU SIAK SRI INDRAPURA PERANBARU CENTRUM 12 SELAT PANJANG
13 SIAK SRI INDRAPUR
14 DUMA!
15 BENGKALIS
16 BAGAN SIAPI-API
17 TEMBILAHAN
18 RENGAT
19 TANJUNG PINANG
20 RANAI (P.NATUNA) TANJUNG PINANG RANAI (P.NATUNA) BUKIT TINGGI LUBUK SIKAPING PADANG CENTRUM MUARA SIBEURAT BATAM SERUPANG TELUK KUANTAN NO. EXCHANGE NAME BALAI SLASA SAWAHLUNTO BANGKINANG PAINAN SOLOK

COST ESTIMATION for P.C AREAS (WITEL III)

D. EXCHANGE NAME	AREA	ADD. (L.U)	NEW UNIT	CONVERI (L.U)	REMOVE (L.U)	1894 (US\$)	1995 (US\$)	1996 (US\$)	1987 (US\$)	1998 (US\$)	TOTAL (US\$)
PALEMBANG CENTRUM	711	65.670		30	9.020	2,739,465	0	0	.15,639,056	0	18,378,521
Z XAYU AGUNG	712	0	310	1.516	886	0	0	2,975,728		0	2,975,728
3 PRABUMULIH	713	2,330	0	0	0	392,085	0	0	Θ	217,540	808,635
4 SEXAYU	714	0	420	1.082	512	Ö	2,891,316	6	0	0	2,881,316
S PANCKAL PINANG	717	2.910	290	7,450	3,600	1,771,060	0	3,506,185	0	0	5,277,245
6 TJ. PANDAN	718	2,330	0			522,360	0	0	0	87,275	603,635
7 IJ. KARANG CENTRUM	721	47,290	0	370	5,100	5,085,535	0	0	8,591,725	0	13,677,260
8 KOTA AGUNG	722	220	0	790	400	0	0	2,764,435	0	0	2,764,435
\$3.1.1.00	723	440	180	280	200	0	0	0	0	2,735,777	2,735,777
O KOTA BUMI	724	2,730	150	0	0	261,830	0	6	0	1,741,096	2,002,926
1 METRO	725	0	400	6.030	4.000	0	0	6,675,207	0	0	6,675,208
2 XALIANDA	727	009	0		0	0	0	0	0	157,618	157,618
3 LAHAT	731	1.630	0	11,390	2,300	2,553,950	0	2,731,872	1,860,179	0	7,146,001
4 CURUP	732	7,170	0	680	200	0	3,286,461	0	0	Ö	3,296,461
S LUBUK LINGGAU	733	3,720	0	290	200	522,360	0		1,774,965	0	2,297,325
S MUARA ENIM	734	2,240		0	0	261,830	0	325,657	0	0	587,487
7 BATURAJA	735	3,410		5,830	700	0	4,909,896	0	0	o o	4,909,897
8 BENGKULU CENTRUM	736	23,890	9,850	0	2,000	2,423,685	0	0	0	10,120,497	12,544,182
9 ARGAMAKMUR	737	0		1,560	200	0	0	0	0	1,656,427	1,656,427
O MUARA AMAN	738	Q	0	290	100	0	1,325,554	.0	0	0	1,325,554
1 MANNA	738	1,840	270	330	100	261,830	0	0		2,876,463	3,138,283
2 JAMBI CENTRUM	741	21,280	40	0	0	1,567,080	0	0	0	5,248,520	6,813,600
3 KUALA TUNGKAL	742	770	0	0	0	0	201,908	0	0	0	201,908
4 MUARA BULIAN	743	420	0	0	0	0	110,723		0	0	110,723
5 BANGKO	746	240	0	20	20	0	1,319,038	0	0	0	1,319,038
6 MUARA BUNGO	747	380	0	0	0	0	100,301	0	0	0	100,301
7 SUNGAI PENUH	748	066	0	Ó	0	0	258,225	0	0	0	259,225
TOTAL		192,500	11,910	37,838	29,848	18,363,080	14,414,422	18,979,084	27,865,925	24,839,213	104,461,726

TOTAL (US\$) 1996 (US\$) 14,809,260 27,378,531 13,707,990 18,865,940 8,807,970 0 5,993,480 22,093,700 19,148,835 12,320,561 62,467,545 80,658,732 1995 (US\$) 1994 (US\$) REMOVE (L.U) CONVERT (L.U) NEW UNIT (L.U) 117,000 163,000 163,000 80,000 173,356 706,356 COST ESTIMATION for P.C AREAS (WITEL IV) 179,000 143,000 57,000 96,000 136,000 ADD. (L.U) AREA CODE 22222 NO. EXCHANGE NAME 1 (Timur)
2 (Selatan)
3 (Utara)
4 (Pusat)
5 (Barat)

8,489,253 6,181,278 1,387,320 111,188,405 4,256,728 2,826,201 1,387,320 13,575,010 61,184,594 8,489,253 358,647 1987 (US\$) 4,522,468 7,755,618 8,588,193 1996 (US\$) 3,379,549 1,341,727 3,223,512 3,113,546 1,881,205 3,895,171 20,383,178 50,003,811 1895 (US\$) 1,510,530 17,773 1,000 1,000 2,310 REMOVE (L.U) 25,673 3,142 3,376 CONVERT (L.U) 3,430 2,410 1,080 2,700 2,040 3,120 NEW UNIT (L.U) 70,880 272,550 2,210 17,050 2,060 10,000 10,500 6,550 14,926 26,484 15,080 5,145 10,640 400. (L. U) 1 BDG. CENTRUM 2 CIREBON CENTRUM 3 KUNINGAN 6 BUCCUR
8 PANGEGLANG
8 SERANG
10 SINDANGLATA
11 SUMEDANG
12 GARUT
13 CIANJUR
14 PURWARRIA
15 TASIRMALAYA
16 SUKABUMI
17 KARAWANG
18 PAMEUNGPEUX
18 PAMEUNGPEUX NO. EXCHANGE NAME 4 MAJALENGKA 5 INDRAMAYU

COST ESTIMATION for P.C AREAS (WITEL V)

COST ESTIMATION for P.C AREAS (WITEL VI)

NO.EXCHANGE NAME	AREA	ADD. (L.U)	NEW UNIT	CONVERT (L.U)	REMOVE (L. U)	1994 (US\$)	1995 (US\$)	1996 (US\$)	1997 (US\$)	1998 (US\$)	TOTAL (US\$)
1 SEMARANG JOHAR	24	86,570	30,540	Ç	0	0		31,632,982	1,390,686		33,023,668
2 SOLO I (GLADAK)	271	36,050	4,850	14,960	8,680	4,900,020	19,663,591		0	0	24,563,611
3 KLATEN	272		0	6,400	2,800	2,161,855	6	0	3,256,837	0	5,418,692
4 WONOGIRI	273	3,280	1,010	440	100	0	O	3,733,607	0	0	3,733,607
5 YOGYAKARTA KOTABARU	274	21,800	4,820	12,440	8,800	0	0	18,960,155	ø	0	18,960,155
6 PURWOREJO	275	1,580	0	1,380	450	0	2,022,469		0	0	2,022,468
7 BOYOLALI	276	0	0	4,632	512	٥	6	0	2,456,775	0	2,456,775
8 PURWOKERIO	281	9,240	1,150	3,066	3,136	0	11,008,282	0	0	0	11,008,292
9 CILACAP	282	0	390	9,850	3,550	0	0	0	10, 187, 828	0	10,167,828
10 TEGAL SELATAN	283	8,090	06	6,760	2,800	0	13,893,618	0		0	13,893,618
11 PEMALANG	284	1,380	0	460	200		0	0	0	1,733,280	1,733,280
12 PEXALONGAN (TIMUR)	285	8,330	420	3,030	1,190	0	11,820,343	0	0	6	11,820,343
13 WONOSOBO	286	3,610	0	1,760	989	261,830	261,830	0	2,129,286	0	2,652,946
14 KEBUMEN	287	0	•	5,540	2,040	0	0	0	6,443,336	0	6,443,336
15 KUDUS	291	0	•	13,851	5,641	0	0	0	11, 108, 601	0	11,108,601
16 PURWODADI GROBOGAN	292	0	0	4,970	1,350	0	0	6,294,834	0	0	6,294,834
17 MAGELANG	293	3,850	4,230	6,300	4,000	0	0	0	0	8,997,721	9,997,721
18 KENDAL	294	0	0	9,470	1,750	0	7,467,219	0	6	C	7,467,219
19 PATI	285	2,070		6,990	2,860	0	7,361,702	0	0	0	7,361,702
20 BLORA	286	1,720	.Φ	3,210	1,180	0	5,035,713	<i>\tau</i>	0	Ø	5,035,713
21 SALATIGA	288	0	0	088.8	1,710	0	3,422,820	0	0	1,653,822	5,076,642
TOTAL		187,690	47,500	125,389	53,548	7,323,705	81,957,597	60, 621, 578	36,953,349	13,384,823	200,241,052

1,942,249 3,716,675 16,023,689 2,417,174 11,133,088 5,044,834 4,563,997 162,829 5,044,834 5,046,592 2,933,282 1998 (US\$) 1,942,249 11,133,088 7,848,216 6,054,385 8,675,795 7,871,574 2,021,169 2,417,174 162,829 1996 (US\$) 16,023,689 6,846,116 3,525,183 2,946,045 REMOVE (L. U) 11,250 7,692 ,416 ,806 ,240 CONVERT (L.U) NEW UNIT (L.U) 46,800 19,590 26,310 COST ESTIMATION for P.C AREAS (WITEL VII) 243,350 5,630 2,910 3,260 7,450 12,888 5,820 1,600 2,2502,960 11,648 11 PROBOLINGGO.
12 BESUKI
13 SITUBONDO.
14 MALANG KLOJEN.
15 BLITAR.
16 PASUKUAN.
17 MADIUN.
18 PONOROGO.
19 BOJONEGORO.
20 KEDIRI.
21 TULUNG AGUNG. NO. EXCHANGE NAME SBY, KAPASAN MOJOKERTO BANYUWANGI BONDOWOSO

COST ESTIMATION for P.C AREAS (WITEL VIII)

NO.EXCHANGE NAME	AREA	ADD. (L.U)	NEW UNIT	CONVERT (L.U)	REMOVE (L.U)	1994 (US\$)	1995 (US\$)	1996 (US\$)	1997 (US\$)	1998 (US\$)	TOTAL (US\$)
1 DENPASAR KALIASEN	361	47,550	51,080	580	14,440	O	30,856,281	0	0	0	30,856,281
2 SINGARAJA	362	3,480	0	940	600	٥	2,402,843	0	0	0	2,402,843
3 AMLAPURA	363	2,480	0	0	800	0	0	647,414	0	0	847,414
4 KATARAM	364	17,420	0	2,106	7,896	0	G	7,589,709	0	0	7,589,709
5 NEGARA	365	5,930	0	0	0		1,546,243	6	£	0	1,546,243
6 KLUNGKUNG	366	5,210	0	0	0	261,830		0	1,099,432	0	1,361,262
7 SELONG	367	0	0	1,780	1,000	0	1,713,743	0	0	0	1,713,743
8 SUMBAWA BESAR	37,1	3,530	C)	ø	1,600	0	6	920,871	0		920,871
9 ALAS	372	290	0	340	180	0	1,415,434		0	0	1,415,434
10 DOMPU	373	0	0	1,770	710		0	0	1,711,138		1,711,138
11 BIMA	374	0	0	6,100	2,200	2,031,590	0	0	3,308,943	0	5,340,533
12 VIREKE (VIQUEQUE)	377	C	0	520	20	0	1,385,476		0	0	1,385,476
13 ENDE	383	1,020		150	100	•	1,556,120	9	0		1,556,120
14 MAUMERE	382	0	٥	1,890	200	0	0	1,742,402	0	0	1,742,402
15 LARANTUKA	383	0	0	1,060	470	0	1,526,162	0	Ç	0	1,526,162
16 BAJAWA	384	390	0	0	0	0	102,907	6	0		102,807
17 RUIENG	385	760	0	320	200	0	1,532,672	.0	0	0	1,532,672
18 WAINGAPU (PANDAWAI)	386	006	0	0	0	0	235,777	0	0	. O	235,777
19 WAIKABUBAK	387	0	0	1,210	470	0	1,585,241	0	0	0	1,565,241
20 DILLI	380	1,580	0	3,840	350		0	10,163,372	0	0	10, 163, 372
21 KUPANG	391	6,910	0	7.0	1,550	522,360	0	6	2,548,739	0	3,071,099
22 SOE	382	0.	.0	1,490	670	0	2,888,190	0	6	0	2,888,190
23 KEFAMENAHU	393	280	0		Ο.	0	74,248	0	0	0	74,248
24 ATAMBUA	394	880	0	0	0	0	226,656	0	.0	0	225,658
25 BAA (TIMUR)	385	e,	20	230	200	0	2,565,133	0	0	6	2,565,133
26 KALABAHI	397	0	0	1,070	470	.0	1,528,767	٥	0	0	1,528,767
27 ERMERA	302	470	0	0	0	0	123,749	6	0	0	123,749
28 BAUCAU	388	0	0	1,548	438	0	2,903,300	0	0	0	2,903,300
		89.060	51,100	27,014	35, 184	2,815,780	56,148,942	21,063,868	8,668,252	0	88,686,842

COST ESTIMATION for P.C AREAS (WITEL IX)

NO. EXCHANGE NAME	AREA	ADD. (L.U)	NEW UNIT	CONVERT (L.U)	REMOVE (L. U)	1894 (US\$)	1995 (US\$)	1996 (US\$)	1997 (US\$)	1998 (US\$)	TOTAL (US\$)
T DANTEDMACTN ROTA	811	80 490	450	4 248	0000	0	12.921.430		0	0	12,821,430
o bisitabl	, c	200	· ·		0	0		0	472,859	င	472,859
	1 (1) 1 (1)	2,010	370	9	740	٥	0		1,966,452	0	1,966,452
	4 5	200))	0	0	0	0	996,525	0	0	986,
	. LC	0	400	778	308	0	2,806,904	0	0	0	2,805,904
	9	1.940	i	0	0	0	٥	0	506, 728	0	506,728
7 KANDANGAN	7 1 2	3,900		2.972	912	0	0	4,294,262	CO.	0	294,
	82.13	3,603	1.880	6	383	0	6	0	2,679,786	0	2,679,786
	6 6	O	0	1,760	200	0	1,708,533	0	0	0	_
	531	Ö	330	4,210	1,160	0	6,182,806	0	0	0	6,182,806
11 PANGKALAN BUN	532	2,800	0	0	0	٥		0	730,784	0	73
12 KETAPANG	53.4	0	.00	3,980	1,210	0	0	3,536,909	0	0	3,536,908
13 SIIKADANA	ir.	G	0	450	80	0	1,367,238	•	0	0	
	3.6	Ö	0	180	50	0	1,296,895	6	0	0	1,286,895
	60	0	90	0	0	0	1,263,027	O	0	6	263,
I SAMARTNDA	4	23, 430	0	0	0	6	6,106,818	0	0	0	,105,
	542	28,760	0	0	0	1,303,950	6	6	0	6, 191, 493	•
18 TANAH GROGOT	543	0	0	1,856	896	0	1,733,544	0	0	C	1,733,544
	544	0	0	2,392	812	0		0	0	6	1,873,188
	545	0	350	0	٥		1,341,186	0	0	0	1,341,186
21 BONTANG	548	4.610	0	0	0	0	0	. 1,202,343	0	0	1,202,343
22 TARAKAN	55.1	1.450	0	3,790	1,000	0	2,616,477	0	0	0	2,616,477
	552	0	0	1,240	310	0	1,573,057	0	0	e	1,573,057
MAT. INAU	10 10 10	270	0	0	0	0	71,643	0	0		71,643
14.	100	0	0	2,080	780	5	0	0	0	1,791,902	1,791,802
, c	561	24.340	4,000	2,290	590	3,542,120	6	8,190,514	0	(2)	11,732,634
	562	4.855		0	896	0	0	0	1,269,035	0	1,268,035
. α	0 to	089	0	0	0	٥	0	6	178,460	0	
σ	5.64	0	720	2,410	609	0	4,565,458			O	4,565,458
, c	20.00	. 0	0	2,730	1,000	٥	1,961,247	0	0	0	1,961,247
-, د	55.7	. 0	220	1,065	295	٥	2,834,781	0	0	0	2,834,781
32 NANGAIPINGH	60 60 60 60 60 60 60 60 60 60 60 60 60 6	640	0	0		0	0	0	168,039	i	168,038
1	1	139,769	8,770	38,431	13,980	4,846,070	52,224,233	18,220,553	7,972,143	7,983,395	91,246,394

COST ESTIMATION for P.C AREAS (WITEL X)

TOTAL (US\$)	4,502,170	1,841,705	402,516	3,216,458	3,566,089	23,814,843	3,511,377	1,557,425	300,810	165,434	175,855	939,208	2,833,001	3,267,797	1,529,332	444,201	1,505,319	162,829	1,819,519	105,512	702,126	1,853,387	121,144	5,328,594	580,976	485,886	580,	1,827,071	2,995,666	71,543	5,535,474	3,697,133	384,700	748,021	1,364,633	86,260,383
1998 (US\$)	0	0	0	0	0	O	0	1,557,425	300,910	0	175,855	0	2,933,001	0	0	••.	0	0	1,819,519	0	0	0	ဓ	0	238,382	0	9	©	2,905,666	0	5,538,474	O	0	0	0	15,467,232
1987 (US\$)	0	0	8	0	•			0	0		0	Đ	0	0	0	0	0	.0	0	0	0	0	6	0	o	0	0	Ö		•	0	0	0	0	0	0
1996 (US\$)	0	1,941,705			0	23,914,943	6	0	8	0	0	٥	9	0	0		1,505,319	0	3	Ф	0	0	0	5,328,594	•	0	0	•	.	0		0	0.		1,364,633	34,055,194
1995 (US\$)	4,502,170	0	402,516	3,216,458	3,566,089	G	3,511,377		0	165,434	0	939,208		3,267,797	1,629,332	444,201	0	162,829	0	0	ci.	1,853,387	121,144		342,594	485,886	4,580,328	1,827,071	0	71,643	0	3,697,133	394,700	749,021	0	36,632,445
1994 (US\$)	0	0	0,	0	0	0	0	0	٥	0	0		0	0		0	c .	0	0	105,512	0	0	0	0	6	0	0	Φ.	0		0	0	0		0	105,512
REMOVE (L.U)	2,500	0	٥	710	1,792	9,196	1,782	470		0	,0	0	612	400	896	0	0	0	896	0	0	886	Φ.	400	0	0		200	70	0,	3,780	300	0	0	0	24,910
CONVERT (L.U)	1,710	0	0	2,390	4,092	10,476	3,882	1,180	0	0	0	C	1,662	1,830	1,456	٥	0	0	2,186		0	2,316	0	1,300	0	0	0	1,330		٥	1,660	1,000	0	0		38,760
NEW UNIT (L.U)	140	180	0	360	0	25,200		0	0	0	0	0	0	0	0	0	980	٥	0	0	0	0	0	0	0	0	2,430		0	0	0	520	0	0	440	30,250
ADD. (L.U)	5,830	2,470	1,540	0	0	27,310	0	0	1,150	630	670	3,600	0	5,800	0	1,700	.0	620	0	400	2,690	0	460	14,350	2,220	1,850	5,550	880	6,150	270	9,980	3,070	1,510	2,870	0	103,600
AREA	401	402	403	405	410		413	414	417	418	419	481	484	421	422	423	424	426	428	429	471	485	430	431	432	434	435	436	438	450	451	452	453	461	462	
NO. EXCHANGE NAME	1 KENDARI	2 BAU-BAU	3 RAHA	4 KOLAKA	5 PANGKAJENE	6 UJ. PANDANG BALAIKOTA	7 BANTAENG	8 BENTENG	9 SINJAI	10 TAKALAR	11 JENEPONTO	12 WATAMPONE		14 PARE-PARE			17 MALILI	18 MAMUJU				22 SENGKANG	23 AMURANG	24 MANADO I	25 TAHUNA	26 KOTAMOBAGU	27 GORONTALO	28 TONDANO		30 PARIGI	31 PALU	32 POSO			35 BANGGAI	TOTAL

1,736,148 3,626,555 1,558,725 CONVERT (L.U) CONVERT NEW UNIT NEW UNIT (L.U) COST ESTIMATION for P.C AREAS (WITEL XII) 1,000 AREA CODE NO. EXCHANGE NAME NO. EXCHANGE NAME 1 BANDA NEIRA 2 AMBON CENTRUM NAMLEA 1 SORONG 2 FAK-FAK 3 KAIMANA

COST ESTIMATION for P.C AREAS (WITEL XI)

EXCHANGE
OF TRUNK
CALCULATION
COST

Table

WITEL COST (Sub-Total)	140964974	201260142	250263138	8571325	119507157	179615262	207897558	55662465	53994882
COST	324074 324074 10944 21352 1220795 1445566	1480998 1398619 1592831	103731 1518645 1325983 1325983	6112625 2458700 6112625	444100 2320294 36853 44161	221321 1256227 1436708 1466604	444100 1736330 1428515 136727 1451767	165516 13158 11608 1236960	87123 13158 71621 9837 1360972
MATIO! OMMON)	1200 1130000 1130000	1130000 1130000 1130000	1130000 1130000 1130000 1130000	1130000 1130000 1130000	1130000 1130000 1200 1200	1200 1130000 1130000	1200 1130000 1130000 113000	1200 1200 1200 1130000	1200 1200 1200 1200 1130000
COST TRUNK C	32874 32874 20152 90795 315566	350998 268619 462831	102531 353213 388645 195983 126227	4982625 1328700 4982625	442900 1190294 35653 42961	220121 126227 306708 336604	442900 606330 298515 135527 321767	164316 11958 10408 106960	85923 11958 70421 8637 230972
Plan Trk	144 144 144 1425 1425	1585 1213 2090	4.1 1.25.2 2.25.2 2.25.2 2.25.2 2.25.2	22500 6000 22500	2000 5375 161 194	994 570 1385 1520	2000 2738 1348 612 1453	747 742 744 89	388 354 318 1043
PROVISION UNLT		ппе	ਜਦਾਜਜ	ਜ ਜ		े ननल जिल्लाम् जिल्लाम् जिल्लाम्	ਜਿ ਜ ਜ 2000 ਦ	∺	
ON PROGRAM Type	Add.TRK Add.TRK New TLS New Unit New Unit	New Unit New Unit New Unit	Add TRK New Unit New Unit New Unit	New Unit Add.TRK New Unit	Add.TRK New Unit New TLS Add.TRK	Add.TRK New Unit New Unit	Add.TRK New Unit New Unit Add.TRK New Unit	Add,TRK New TLS Add,TRK New Unit	Add.TRK Add.TRK Add.TRK New TLS New Unit
EXPAN	EWS EWS EWS	EWSD/TLS EWSD/TLS	EWSD		EWSD	EWSD	EWSD	ewsd ewsd/tls	EWSD/TLS NEAX
EX.LEVE	TE VSC SC	လ လ လ လ	70/80 80 80 80	TC/SC TC/SC	ာ အ အ သ	S S S S	#C/SC SC SC SC	သ လ လ	110/80 80 80 80 80 80 80
EXCHANGE NAME	MEDAN (B.KOTA) MEDAN (BELAWAN) PEMATANGSIANTAR SIBOLGA LHOKSEUMAWE BANDA ACEH	PADANG PEKANBARU BATAM SEKUPANG	Palembang Tanjungkarang Lahat Jambi Bengkulu	JAKARTA-I JAKARTA-II JAKARTA-III	BANDUNG CIMAHI CIREBON	SEMARANG YOGYAKARTA SOLO PURWOKERTO	SURABAYA JEMBER MALANG MADIUM	WITEL-VIIDENPASAR SUMBAWA ENDE KUPANG	BANJARMASIN SAMPIT SAWARINDA TARAKAN PONTIANAK
	MITELLI	8 WITEL-II 9 0	2 WITEL-III	8 WITEL-IV 9	1 WITEL-V 3 44	7 WITEL-VI 8 9	1 2 3 4 4 6 6		22 24 WITEL-IX 25 26 27 28

No.	WITEL	EXCHANGE NAME	VEL	EXPANSION PROGRAM TYPE TYPE	PROGRAM TYPE	PROVISION PLAN UNIT TRK	i !	COST ESTIMATION TRUNK C COMMON	IMATION	TOTAL	WITEL COST (Sub-Total)
ii '		THE THE THE THE THE THE THE THE THE THE	H 91 11		Add.TRK		594	131541	1200	132741	
29	29 WITEL-X	COORG FROME			New Unit	H	610	135085	1130000	1265085	
0.0		FARE-FARE) (.	_	New Unit	Ħ	1123	248688	1130000	1378688	
7		MARADO) (New Unit	1	570	126227	1130000	1256227	:
т 2		KENDARI	, C 0 0	_	New Unit	ਜ ਂ	400	88580	1130000	1218580	246812071
) (F			70/ CE		New Unit		675	149479	1130000	1279479	
S 4	WITEL-XI	AMBON TERNATE	SC SC		New TLS		61	13508	1200	14708	59532611
9.6			Ç		New Unit	-	383	84815	1130000	1214815	
о М	WITEL-XII	SORONG	່ວິດ		New Unit	-1	773	171181	1130000	1301181	
ω 4. υ Ο		MERAUKE	ນິດ	٠	New TLS		12	3322	1200	4522	113423308
4 4 2 2		GRAND TOTAL									2009543615

COST ESTIMATION FOR SUPPORTING FACILITY (BY AREAS) (WITEL I)

Unit : US\$ 1,000

								Unit: US	<u>) 1, 000</u>
No.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	101	(0)	(Site)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
-	61	Medan Balai Kota	(B) (B)	(4)	0	868		12/	668
2	620		0	0	0	0	0	0	0
3	621	Tebing Tinggi Deli	1	0	76	.0	0	0	76
4	622	S. Siantar Centram	2	0	0	Ö	115	0	115
5	623	Kisaran	0	0	0	0	0	0	0
6	624	Rantau Prapat	.0	0	0	0	0	0	0
7	625	Parapat	0	0	0	. 0	0	0	0
8	626	Pangururan	0	0	0	0	0	0	0
9	627	Sidikalang	0	0	0	0	0	0	0
10	628	Kabanjahe	0	0	0	0	0	0	0
11	629	Kuta Cane	0	0	0	0	0	0	0
12	-631	Sibolga	1	0	0	0	57	0	57
13	632	Baligo	0.	0	0	0	0	0	0
14	633	Tarutung	0	0	0	0	0	0	0
15	634	Padang Sidempuan	0	0	0	0	0	0	0
16	636	Penyabungan	0	0	0	0	0	0	0
17	639		0	. 0	0	0.	0	Ò	
18	641		0	0	. 0	0	0	0	<u>`</u>
19	642	Langsa Blang Kejeru	0	0	0	0	0	Ö	0
20	643	Takengon	0	0	0	. 0	. 0	0	0:
21	644	Bireven	0	0	0	.0	0	0	0
22	645	Lhokseumawe	0	0	0	0	0	0	0
23	646	ldi	. 0	0	0	0	0	0	0
24	650	Sinabang	0	.0	0	0	0	0	0
25	651	Banda Aceh Centrum	0	0	0	0	. 0	0	0
26	652		0	0	0	0	0	0	0
27	653	Sigli	1	0	0	0	57	Ö	57
28	654	Calang	0	0	0	0	0	0	0
29	655	Meulaboh	0	0	0	0	0	Ö	0
30	656	Tapak Tuan	0	0	0	0	0	0	. 0
31	657	Bakungan	0	0	0	0	0	0	0
32	658	Singkil .	0	0	0	0	0	0	0
33	659	Blang Pedie	0	0	0	0	0	0	0
33	ของ	DIANG PROTE	<u> </u>	Ü	U	<u> </u>	V		- V
LI					L			<u> </u>	L

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		WITEL 1	TOTAL	6	0	75	668	229	0	973
			4							

COST ESTIMATION FOR SUPPORTING FACILITY (BY AREAS) (WITEL 11)

		•	•					Unit: US	\$ 1,000
No.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(1)	(8)	(9)	(10)
	1-1-1-		(Site)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	751	Padang Centrum	1	0	924	0	0	0	924
2	752	Bukit Tinggi	2	0	0_	0	90	0	90
3	753	Lubuk Sikaping	0	0	0	0	0	0.	0
4	754	Sawahlunto	0	0	0	0	. 0	0.	0
5	755	Solok	0	0	0	0	0.	0	0
6	756	Painan	0	0	0	0	0	0	0
7	757	Balai Selasa	0	0	0	0	0	0	- 0
- 8	759	Muara Sibeurat	0	0	0	0.	0	0	0
9	760	Teluk Kuantan	0	0	0	0	. 0	0	0
10	761	Pakanbaru Centrum	0	0	0	0	0	0	0
11	762	Bangkinang	0	0	0	0	0	0.	0
12	763	Selat Panjang	0	: - 0	0	0	0.	0	0
13	764	Siak Sri Indrapura	0	.0	0	0	0	.0	0
14	765	Dumai	0	. 0	0	0	0	. 0	0
15	766	Bengkalis	0	0	0	<u> </u>	0	0	0
16	767	Bagan Siapi-Api	0	0	. 0	0	0	0	0
17	768	Tembilahan	0	. 0	0	0	0	0	0
18	769	Rengat	0	0	0	0	0	0	0
19	771	Tj. Pinang	0	0	0	0	0	0	0
20	773	Ranai	0		0	0	0	0	0
21	776	Dabo Singkep	0	0	. 0	0	0	. 0	0
22	777	Tj. Balai Karimun	0	0	0	0_	0	0	0
23	778	Batam Sekupang			0	0	395		
24	779	Tanjung Batu	0	0	0	0	0	0	0

WITEL II TOTAL	4	0	924	395	90	10.1	1, 409
	<u> </u>		,				

COST ESTIMATION FOR SUPPORTING FACILITY (BY AREAS) (WITEL 111)

								Unit : US	\$ 1,000
No.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
.,,,			(Site)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
l	711	Palembang Centrum	0	0	. 0	0	0	0	0
2 .	712	Kayu Agung	0	0	0	0	0	0	0
3	713	Prabu Mulih	0	0	0	0	0	0	0
. 4	714	Sekaya	1	0	54	0	0	0	54
- 5	717	Pangkal Pinang	1	0	0	5 4	0	0	54
6	718	Tanjung Pandan	0	0	0	.0	0	0	. 0
7	721	Tj. Karang Centrum	. 0	. 0	0	0	0	0	0
8	722	Kota Agung	0	0	0	0	0	0	0
9	723	Liwa	1	0	0	0	0	54	54
10	724	Kota Bumi	1	0	0	. 0	0	54	54
11.	725	Metro	2	0	0	108	0	0	108
12	727	Kalianda	0	0	0	0	0	0	0
13	731	Lahat	0	0	0	0	0	0	0
14	732	Curup	0	0	0	0	0	0	0
15	733	Lubuk Linggau	0	0	0	0	0	0	0
16	734	Muara Enim	0	0	0	0	0	0	0
17	735	Baturaja	. 0	0	0	0	0	0	0
18	736	Bengkulu Centrum	3	0	0	. 0	0	417	417
19	737	Argamakmur	0	0	0	0	0	0	0
20	738	Muara Aman	0	0	. 0	0	0	0	0
21	739	Manna	1	0	0	0	0	54	54
22	741	Jambi Centrum	I	0	0	0	0	54	54
23	742	Kuala Tungkal	0	0	₂ 0	0	0	Q	0
24	743	Muara Bulian	0	0	0	0	0	0	0
25	746	Bangko	0	0	0	0	0	0	0
26	747	Muara Bungo	0	0	0	0	0	0	0
27	748	Sungai Penuh	0	0	0	0	0	0	0

						[
	WITEL III	TOTAL	- 11	0	54	162	0	633	849

COST ESTIMATION FOR SUPPORTING FACILITY (BY AREAS) (WITEL 1V)

								Unit : US	\$ 1,000
No.	Area	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(10)
			(Site)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	21	JAKARTA UTARA	3	0	0	15, 268	0	0	15, 268
2	21	JAKARTA PUSAT	0	0	0	0	0	0	0
3	21	JAKARTA SELATAN	8	0	1, 496	1, 268	1, 129	438	4, 331
4	21	JAKARTA BARAT	10	0	1, 197	2, 570	.0	0	3, 767
5	21	JAKARTA TINUR	15	0	2, 877	751	131	0	3, 759

i			. 1						į
	WITEL IV TOTAL	36	0	5, 570	19, 857	1, 260	438	27, 125	
						1			

COST ESTIMATED FOR SUPPOTING FACILITY (BY AREAS) (WITEL V)

								Unit : US	\$ 1,000
No.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
			(Site)	(\$)	(\$)	(\$)	(1)	(\$)	(\$)
:1	22	Bandung Centrum	l l	0	53	0	0	0	53
2	231	Cirebon Centrum	0	0	0	0	0	0	. 0
3	232	Kuningan	0	0	0	0	0	0	0
4	233	Majalengka	0	0	0	0	. 0	0_	0
5	234	Indramayu	0	0	0	0	0	0	. 0
6	251	Bogor	<u>l</u>	0	0	180	0	0	180
7	252	Rangasbitung	0	0	0	0	0	0	0
- 8	253	Padeglang	0	0	0	0	0	0	. 0
9	254	Serang	0	0	0	0	0	0	0
10	255	Sindang Laya	0	0	0	0	0	0	0
11	165	Sumedang	0	0	0	0	0	0	0
12	262	Garut	. 0	0	0	0	. 0	0	:0
13	263	Cianjur	. 0	0	. 0	0	0	0.	0
14	264	Purwakarta	0	0	0	0	0	.0	0
15	265	Tasikmalaya	0	0	0	0	0	0	0
16	266	Sukabumi	0	0	0	0	0	. 0	0
17	267	Karawang	0	. 0	0	0	0	0	0
18	269	Pameungpeuk	0	0	0	0	0	0	.0_
		i se s	·					<u> </u>	l

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į		WITEL V	TOTAL	2	0	53	180	0	0	233
1										

COST ESTIMATION FOR SUPPOTING FACILITY (BY AREAS) (WITEL VI)

								Unit : US	\$ 1,000
NO.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(10)
			(Site)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	24	Semarang Johor	. 2	0	0	1, 103	52	0	1, 155
2	271	Soro I (Gladak)	5	0	386	0	0	0	386
3	272	Klaten	Û	0	0	0	0	0	0
4	273	Wonogiri	1	0	0	122	0	0	122
5	274	Yk. Kotabaru	3	0	0	519	0	0	519
6	275	Purworejo	0	0	0	0	0	0	0
7	276	Boyolali	0	0	0	0	0	0	0
8	281	Purwokerto .	4	0	206	0	0	0	206
9	282	Cilacap	1	0	. 0	0	52	. 0	5 2
10	283	Tegal Selatan	1	0	52	0	0	0	: 52
-11	284	Pemalang	0	0	0	.0	0	0	0
12	285	Pekalongan (Timur)	2	0	104	0	0	0	104
13	286	Wonosobo	0	:0	0	0	0	. 0	. 0
14	287	Kebumen	C	0	0	0	0	. · ()	0
15	291	Kudus	0	0	0	0	.0	0	0
16	292	Purwodadi Grobogan	0	0	0	0	0	0	0
17	293	Magelang	2	0	0	0	0	225	225
18	294	Kendal	0	0	0	0	0_	0	0
19	295	Pati	0	0	0	0	0	0	0
20	296	Blora	0	0	0	0	0	0	. 0
21	298	Salatiga	0	0	0	0	0	0	0
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		WITEL	VI.	TOTAL	21	0	748	1, 744	104	225	2, 821
I		W1100						,			

COST ESTIMATION FOR SUPPOTING FACILITY (BY AREAS) (WITEL VII)

	9.5							Unit: US	1,000
NO.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
			(Site)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
. !	31	SBY Kapasan	: 0	0	0	0	0	: 0	0
2	321	Mojokerto	.0	0	0	0	: 0	0	0
3	322	Lamongan	0	0	0	0	0	0	0
4	323	Sampang	0	0	0	0	0	0	0
5	324	Pamekasan	1	0	0	0	127	0	127
6	328	Sumenep	0	0	0	0	Û	0	0
7	331	Jember .	0	0	. 0	0	0	0	0
. 8	332	Bondowoso	0	0	. 0	0	. 0	0	0
9	333	Banyuwangi	1	0:	. 0	0	28	0	28
10	334	Lumajang	0	. 0	0	0	0	0	0
11	335	Probolinggo	0	0	0	0	0	0	00
12	336	Besuki	0	0	0	0	0	0	0
13	338	Situbondo	0	0	0	0	0	0	0
14	341	Malang Klojen		0	0	0	0	429	429
15	342	Blitar	0	0.	0	0	0	0.	0
16	343	Pasuruan	0	0	0	0	. 0	0	0
17	351	Madiun	0	0	0	0	0	0	0
18	352	Ponorogo	0	0	0	. 0	0	0	0
19	353	Bojonegoro	0	0	0	0	0	0	0
20	354	Kediri	0	0	0	0	0	0	0
21	355	Tulung Agung	0	0	0	0	0	. 0	0
2.2	356	Tubun	0	0	0	0	0	0	0
23	357	Pacitan	0	0	0	0	0	0	. 0
24	358	Naganjuk	0	0	0	0	0	0	C
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COST ESTIMATION FOR SUPPOTING FACILITY (BY AREAS) (WITEL VIII)

			Unit: US\$ 1,000						
NO.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(i)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	1-7		(Site)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	361	Denpasar Kaliasen	2	0	3, 246	0	0	0	3, 246
2	362	Singaraja	0	0	0	0	0	0	0
3	363	Amlapura	0	0	0	0	0	0	0
4	364	Mataram	0	0	0	0	0	0	0
5	365	Negara	0	0	0	0	0	0	0
6	366	Klungkung	0	0	0	. 0	0	0	0
7	367	Selong	0	0	0	0	0	0	0
8	371	Sumbawa Besar	0	0	0	0	0	0	0
9	372	Alas	0	0	0	0	0	0	0
10	373	Dompu	0	0	0	0	. 0	0	0
11	374	Bima	0	0	0	0	0	0	0
12	377	Vikeke (Viqueque)	0	0	0	0	0	0	0
13	381	Ende	0	0	0	0	. 0	0	0
14	382	Maumere	0	0	0	0	0	0	0
15	383	Larantuka	0	0	0	0	0	0	0
16	384	Bajawa	0	0	0	0	0	0	0
17	.385	Ruteng	0	0	0	Ò	0	0	0
18	386	Waingapu (Pandawa)	0	0	0	0	0	0	0
19	387	Waikabubak	0	0	Û	Û	0	0	0
20	390	Dilli	0	0	0	0	0	0	0
21	391	Kupang	0	()	0	0	0	0	0
22	392	SOE	0	. 0	0	0	0	0	0
23	393	Kefamenahu	0	0	0	0	0	0	0
24	394:	Atambua	0	0	0	0	0	0	0
25	395	BAA (Timur)	1	0	4 5	0	0	0	4 5
26	397	Kalabahi	0	0	Ũ	0	0	0	0
27	398	Ermera	0	0	0	0	0	0	Û
28	399	Baucau	0	0	0	0	0_	0	0
		·-····································							L

		WITEL	AIII	TOTAL	3	0	3, 291	0	0	0	3, 291
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COST ESTIMATION FOR SUPPORTING FACILITY (BY AREAS) (WITEL IX)

Unit: US\$ 1,000 No. Area Exchange Name Supply Code 96/97 97/98 98/99 Plan 94/95 95/96 Total (1) (3) (4) (5) (6) (8) (10)(Site) (\$) (\$) (\$) (\$) (\$) (\$) 511 Banjarmasin Kota 512 Pleihari Û 513 Kuala Kapuas Õ 514 Palangkaraya : 5 515 Buntok в 516 | Tanjung Tabalong 7. 517 Kandangan 518 Kota Baru ī 11.0 519 Muara Teweh n 531 Sampit П 532 Pangkalan Bun O 534 Ketapang 535 Sukadana Kalimantan 537 Kuala Kurun Û 538 Puruk Cau i 541 Samarinda Û Û Û Balikpapan Ö 543 Tanah Grogot 544 Tanjung Redep 545 Malak (Longiram) 548 Bontang 551 | Tarakan 552 Tanjung Selor 553 Malinau 556 Sambas 561 Pontianak I Ŋ 562 Singkawang e 563 Ngabang Û [4] Ź Sanggau Sintang Putusibau Û 568 Nangapinoh

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١		WITEL IX TOTAL	15	0	658	31	47	157	893
		·							

COST ESTIMATION FOR SUPPOTING FACILITY (BY AREAS) (WITEL X)

	Area	Exchange Name					·		
- 1	Code	BACHERS Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	. 10/		(Site)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
l	401	Kendari		0	4.4	0	0	0	44
2	402	Bau-Bau	ı	0	0	44	0	0	44
3	403	Raha	0	0	0	0	0	0	0
4	405	Kolaka	1	0	0	44	0	0	44
5	410	Pangkajene	i i	0	24	0	0	0	24
6	411	UJ. Pandang Balaikota	1	0	0	4.4	0	0	4.4
7	413	Bantaeng	0	0	0	: - 0	0	0	0
8	414	Benteng	0	0	0	0	0	0	0
9	418	Sinjai	0	0	0	0	0	0	0
10	419	Jeneponto	0	0	0	0	0	0	0
П	421	Pare-pare	0	0	0	0	0	0	0
12	422	Majene	0	0	0.	0	0	0	0
13	423	Rantepao	0	0	0	. 0	. 0	0.	0
14	424	Malili	1	0	0	4 4	0	0	44
15	426	Mamuju	0	0	0	0	0	0	0
16	428	Polewali	0	0	0	0	00	0	0
17	429	Enrekang	0	0	0	0	. 0	0	0
18	430	Amurang	0	0	0	0	0	Ò	0
19	431	Manado I	0	0	0	0	0	0	0
20	432	Tahuna	0	0	0	0	0	9	0
21	434	Kotamobagu	0	0	0	0	0	0	0
22	435	Gorontalo	1	0	44	0	0	0	44
23	436	Tondano	0	0	0	0	0	0	0
24	438	Bitung	0	0	0	. 0	0	0	0
25	450	Parigi	0	0	0	: 0	0	0	. 0.
28	451	Palu	0	0	0	0	0	0	0
27	452	Poso	ı	0	44	0	0	0	44
2.8	453	Toli Toli	0	0	0	0	0	0.	0
29	461	Luwuk	0	0	0	00	0	0	0
30	462	Banggai	1	0	0	4.4	0	0	44
31	471	Palopo	0	0	0	0	0	: 0.	0
32	481	Watampone	0	0	0	0	0	0	0
33	484	Watansoppeng	0	0	0	0	0	0	0
34	485	Singkang	: 1	0	24	0	0	0	24
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	WITEL X	TOTAL	10	•	180	220	U	U	400	ļ
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COST ESTIMATION FOR SUPPOTING FACILITY (BY AREAS) (WITEL XI)

		the property of						Unit : US	\$ 1,000
NO.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(10)
			(Site)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	910	Banda Neira	0	0	0	Û	0	0	0
2	911	Ambon Centrum	1	0	0	0	0	38	38
3	913	Namlea	0	0	0	0	0	0	0
4	914	Masohi	l	0	0	38	0	0	38
5	916	Tual	0	. 0	. 0	0	0 -	.0	0
6	917	Dobo	. 0	. 0	0	. 0	0	0	0
7	918	Saumlaki	0	0	0	0	0	0	0
8	920	Soa Siu	0.	0	. 0	. 0	0	0	0
9	921	Ternate	0_	0	0	0	0	0	0
10	922	Jaiololo	1	0	0	38	0	0	38
11	924	Tobelo	4	0	0	0	0	151	151
12	925	Weda	1	0.	0	38	. 0	0	38
13	927	Labuha	0	0	0	0	0	0	0
14	929	Sahana	0	0	0	0	0	0	0

		and the last of th				
					190	
	WITEL XI TOTAL					303 L
					103	

COST ESTIMATION FOR SUPPOTING FACILITY (BY AREAS) (WITEL XII)

Uni	it	•	US\$	1.	000

No.	Area Code	Exchange Name	Supply Plan	94/95	95/86	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
			(Site)	(\$)	(\$)	(8)	(\$)	(\$)	(\$)
1	951	Sorong	0	0	0	0	0	0	0
2	956	Fak-Fak	0	0	0	0	0	0	0
3	957	Kaimana	0	0	0	0	0:	0	0
4	961	Biak	2	0	83	0	. 0	0	83
5	962	Manokwari	0	0	0	0	0	0	0
6	963	Serui	ī	. 0	4 2	. 0	0	0	4 2
7	964	Nabire	1	0	0.	42	0	0	4 2
8	966	Sarmi	0	0	0	0	0	0	0
9	967	Јауарига	2	0	0	83	0	0	83
10	969	Wamena	1	0	0	0	42	0	4 2
11	971	Merauke	1	0	4 2	0	0	0	42
12	975	Tanah Merah	0	0	0	0	0	0	0
13	979	Timika	0	0	0	0	0	0	0

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			100 190		324
i	WITEL XII TOTAL	8 0	167 125	42 0	334

TABLE 50-1 COST ESTIMATION FOR BACKBONE SYSTEM

POWER TOWER LANDROAD BUILD SUPPORT TOTAL NEW EXP NEW REH TOTAL (UNT: NO. OF SITE) IMPLEMENTATION YEAR 1994 1995 1996 1997 EQPT TOTAL SUMMARY SYSTEM HAME Jakarta - Surabaya 2nd Fiber Optical FO-620M/155M Station: 20 910 km 51,753 831 52,688 52,688 Submarine FO - 620M Backmari FO - 620M 88,314 68,344 1,151 780 km 97.193 Surabbya – Ujung Pendang Submarine Cable 6G-155M/9G-140M 3 hope 6G-155M Terminal: 10 Repestor: 6 3 Meden-Benda Aceh Digital Microwaye 16,740 16,740 510 km 13,412 6G-155M/140M Terminal: 42 Reposter: 18 Trans Sumatera Digital Microwave (Expansion) 2.360 km 63,766 15 8,165 69 951 69.951 5 Jawa-Reli Digital Micros (Expension) 6G-140MFO-520M/140M 1,340 km 1,715 35,411 33,596 35,411 Terminal: 29 Repeater: 9 Subtreuine FO -620M (UP - AB: 1,360 km) (AB - SON: 370 km) (SON - BIA: 690 km) Ujung Pandang - Ambon - Solong - Blak 155,317 158,903 158,603 Submarine Cable Beckhaul FO-620M/155H 20 km (3 sections) 6G-155H 5 hops 6G-155M Terminel: 10 12,275 11 11 1,825 14,100 14,100 Benjamasin-Belik Pepan Digital Microwaya 470 km (Expansion) Repeator: 3 Submarina FO-520M (JKT-PGP: 550 km) (PGP-PTK: 450 km) Backhaut Jakarts-Pangkalpinang-Pontanak Submarine Cable 1,600 km 183,352 3 а 2,500 185.89 185,888 FO-620M 70 km (3 sactions) 6G-155M/140M Terminal: 26 Reposter: 42 2nd Trans Surretora Digital Microwave 78,654 47 39 35,086 113,739 113,739 23,903 6G-155M 22 776 23 1.127 23,903 Cross Kalimeratza 1030 km (Expension) Terninal: 14 Repuster: 11 11 Trans Sulawest Digital Microwaye (Expension) 6G-140M Terminal: 14 Repeater: 21 1,310 km 11,644 11,383 11,999 12 Surabaya - Sanjarmasin Submarine Cable DSI 3,680 ch 9,113 9,113 9,113 (Channel Expension) 13 Jakarta - Surabeya 1st Fiber Optical FO-2.46 Station: 36 1 764 12 090 12 000 990 km 10.316 (Expansion) 27 42,623 42,623 14 Jakarta-Pedang Digital Microways 8G~156M 1,996 1.050 km 40,625 Terminal: 17 Repeater: 10 8G-155M Terminal: 2 Repeater: 1 2,124 222 2,346 15 Surabaya - Malang Digital Microwaya Submarine FO - \$20M Beckhauf FO - 155M 1 Biak-Jayapura Submarine Cable 48,789 1,337 48,126 43 126 15 km (2 sections) 6G-140M Terminel: 12 Repeate: 7 7,136 17 Nuse Tenggara Digital Microway (Expansion) 7,138 1.490 km 7.130 227,721 208,414 344,512 112,311 TOTAL

TABLE 5C-2 COST ESTIMATION FOR SPUR SYSTEM (1/9)

798 1988/99		552 552 2137	8		8			ă	į \$, . }	1,206	8			
1 YEAR BG/07 1237/88					8	82	8	•	•	1 20			ន្ត		
IMPLEMENTATION YEAR 1864/85 1885/88 1886/07	88			88 88 88				38	1,384						
8 8 8 8 8 1		\$ \$ \$		8 8	i i				88		8		8		
	0.83	2 8 8 E	08	8080	88.6	20 8	800	82.5	4 %	ž .	88	8,	N C	000	00
LAND ROAD BUILD SUPPORT TOTAL TOTAL DF SITE	0 3	888	6	. .	\$ 8	3.68	300	8 8	8 8	<u> </u>	8/6	200	<u> </u>	000	00
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TOWER LANDRINEW REH UNIT: NO. OF SITE			~	 -			N	21.60	: : : : : : : : : : : : : : : : : : : :	i	8	•	1		
	2	0 00 00	-	۲ م			N.	2 -			14	8	-		
POWER NEW EXP	000	- 888	~ 0 86 .	သို့ဝစ္	0 8 5	0 10 10	200		88 4	<u> </u>	828	- <u>.</u>	200	900	00
EGPT TOTAL	*	885	. 8	(A)			··	स क	1 43 -	- 6	ið	. * .			· .
DM-3 SYS HOP		-							-	.~				•	.*
DM-17 D		ผพ่อ	8	÷			N	~ ~	9 99 'r	• •-	m	- -			•
<u>a.</u>		N (N 60	67	-		- +-6	N.		, 0, -	-		*			
DM-36 SYS HOP													-		•
156 DM-140 HOP SYS HOP HOP OR SYSTEM									•						
35 95 F							:	•		٠		:			
D-34 DM-1 IS HOP SYS UNIT: NO. OF I	-				-					٠					
SS 2	-			*	-					_		-			
FO-140 FO-34 DM-1 SYS HOP SYS HOP SYS UNIT: NO. OF!										**					•
875 - 578 375 - 376 376 - 376															
8 8 8 8 8															
FO820 SYS HOP		· · · · · ·													· ———
SC & PC NAME	190	MPAT	IAN	SLUKALANG KABANJAE KUTACANE PANGKAJAN BRANDAN		TARUTUNG PADANG SIDEMPUAN	Name I	AAWE	<u>,</u>	AAWE	五五		т:	.	¥
ន	MEDAN MEDAN CEN TEBING TINGGI	P.SWATAH KISABAN RANTAU PRAPAT	PRAPAT PANGURUBAN	SUIRCEAND CABANJAE KUTACANE PANGKALAN	SBOLGA	TARUTUNG PADANG SID	NATAL GUNUNG SITOU	LHOKSEUMAWE LANGSA BI ANGKA JEBEN	TAKENGON	LHOKSEUMAWE IDI	BANDA ACEH BANDA ACEH	Secure	MEULABOH	BAKUNGAN SINGKI	BLANG PIDIE SINABANG
wma	2 2 F i	7. Z Ş	a ፈ የ	n⊋∑ā	ाळळ ढ	a ⊢ a ĕ	. 20	1 13 3 2	ı pi ā		· a) (1)	n vi (ئاتەر	- A1 67	. п. 63

TABLE 50-2 COST ESTIMATION FOR SPURSYSTEM (2/9)

II PADANG	FO-620 FO-155 FO-140 FO-34 DM-155 DM-140 DM-24 DM-17 DM-8 SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYSTEM	S FO-140 OP SYS HOP	FO-34 DN SYS HOP SYS UNIT: NO. 0	5 HOP SYS HOP SYS HOP UNIT: NO. OF HOP OR SYSTEM	DM-140 DM-34 SYS HOP SYS HO 38 SYSTEM	24 DM~17	17 DM-8 10P SYS HOP	EOPT TOTAL	POWER NEW EXP		TOWER LANDROADBUILISUPPORTOTAL NEW REH TOTAL UMT: NO. OF SITE	BUILD S	SUPPOR TO TOTAL		OE 1994/95 1	PRO IMPLEMENTATION YEAR CODE 1884/85 1885/86 1886/87 1887/86 1886/89 NO.	4 YEAR 97:1897/88	1338
PADANG				:				0					-0	0				
BUKITTINGGI						ĸ	63	900,1	- 13	89	+	*	•		OI.		88.	
LUBUK SIKAPING						**	-	176	-	-					:	278		
SAWAH LUNTO						4	4	\$	4 ((O)	. .		8	<u>δ</u>		2 2 2 2 2 2 2 2 2 2		
Solok						e) (თ (200		es (- 1	,- ,	_			90.5		
TAINAN Dan san						8 6	N 6	3 5	- •	Ň C	- ,		e e	9 8		3 8		
MUARA SIBEURAT						M	N	90	~	V	•	-	o o		-,	}		
PAKANBARU														-				1
PAKANBARU CEN.								0					0	0				
BANGKINANG			•			•		•					0	0				
SELAT PANJANG								•					-	0		-		
SIAK SHI INDRAPURA								Ö					0	0.				
DOWAI							:	6				•	•	0				
BENGKALIS						•	:	0	,	•		٠.,	0					
BAGAN SIAPI-API						N ·	N Y	3 3	- (N T	~ (- 0	 2 .			9	3	
DONOR						4 +	↑ •	5 5	v c	te	ų.	v	8 8	3 4		8,5		
TALUKKUANTAN						- 01	- «	8	_	4 (4)	-		3 6	88		8 8		
BATAM SEKUPANG												 		1				j
TANJUNG PINANG								·					0	0 (
BANA								o (5 6	0 0				
DABO SINGREP								<u>></u> د					3 c	5 6			-	
D. BALAL KARIMOH								> c					; ;	> 0				
TJ.BATU				٠			* -	, 8 8					0	8				
TOTAL	0 0 0	0	0	G	0	96 0	24 3	0 4 797	9 17	24	5 5 0	6	5.882 10	10.679	0	7,970	0 2.614	

TABLE 5C-2 COST ESTIMATION FOR SPUR SYSTEM (9/9)

WITEL SCAPC NAME	FO-620 FO-155 FO-140 FO-34 DM- SYS HOP SYS HOP SYS HOP SYS UNIT: NO.OF	FO-140 FO- SYS HOP SYS U	FO34 DM- SYS HOP SYS UNIT: NO. OF	D-34 DM-155 DM-140 S HOP SYS HOP SYS HOP UNIT: NO. OF HOP OR SYSTEM	_		DM~17 SYS HOP	DM-8	EQPT TOTAL	POWER NEW EXP		TOWER LANDRAINEW REH	TOWER LANDROADBUILGSUPPORTOTAL WEW REH TOTAL JAIR: NO. OF SITE	JILLI SUPPOF TOTAL	POF TOTA		PRO MPLEMENTATION YEAR CODE 1894/95 1985/96 1985/97 1997/98 1995/99 NO.	YEAR 1997/98	888
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SEKAYU PANGKAL PINANG							87 -	á.	352	- -			-	·	5,78	330 276 의	930	"	
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LAHAT									-					-	-	-	1		
LAHAT	-						64	84	88		~		<u></u>			88	8	_	
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MUARA AMAN	***								38	-	7		-	-			88		
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MUARA BUNGO SUNGAI PENUH		-	- -				. e	e.	318 743	87	- 2 0		8	- 8 -	04 04 0.03 0.11	98.8			
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TABLE 50-2 COST ESTIMATION FOR SPURSYSTEM (4/9)

WITEL SCAPC NAME	FO-620 FO-155 FO- SYS HOP SYS HOP SYS	表 55. 52.	5 0 €	FO-34 SYS HC UNIT:	OP SYS	FO-34 DM-155 DM-140 SYS HOP SYS HOP SYS HOP UNIT, NO. OF HOP OR, SYSTEM	DM-140 SYS HOP IR SYSTEM	SYS HO	DM-24 DM-17 DM-8 SYS HOP SYS HOP SYS HOP	75 50 70 70	DM-8 SYS HO	EOPT P TOTAL	POWER NEW SCP		TOWER LANDR NEW PEH UNIT: NO. OF SITE	TOWER LANDROADBUILD'SUPPOR TOTAL PRO NEW REH TOTAL TOTAL NO. OF SITE NO. OF SITE NO.	រន្តជាមេនៈ ក	SUPPOR T	OTAL	PRO 200E 199	PRO IMPLEMENTATION YEAR CODE 1994/95 1995/96 1955/97 1967/98 NO.	implementation year 195 1926/96 1886/97 1981	N YEAR 397 198	7798 1296/99
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TABLE 50-2 COST ESTIMATION FOR SPURSYSTEM (5/9)

WITEL	SC & PC NAME	FO-620 FO-155 FO-140 FO-34 DM	54. 6 54. 6	FO-140 FO-34	FO-140 FO-34 DW		-155 DM140		DM-34	DM-17	g		EOPT	POWER	-		TOWER LANDROADBUILD SUPPOR TOTAL	SUPPO	H TOT A		MPLEM	MPLEMENTATION YEAR	YEAR	1
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SURABAYA	AYA												ō							0				
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LAMONGAN	IGAN												0				•	_		0				
SAMPANG	N/G	-								4	-		8						8					88
PAMEKASAN	CASAN									-			1						4	4 07	:		-	<u> </u>
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KEDER (3)	€			Ø	60					-			1,10					4	6 		-	141		
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TABLE 50-2 COST ESTIMATION FOR SPUR SYSTEM (6/9)

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WITEL SC & PO NAME	FO-620 FO-155 FO-140 FO-34 DM-155 DM-140 SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS SEA	FO-14	140 FO-34 DA HOP SYS HOP SY UNIT: NO.0	40 S	XI-155 YS HOP OF HOP O	5-34 DM-155 DM-140 S HOP SYS HOP SYS HOP UNIT: NO. OF HOP ON SYSTEM	DM-34 P SYS HOP	4 00 SYS	DM-17 (SYS HOP S	OM-8 SYS HOP	EQPT TOTAL	POWER NEW EXP	TOWE NEW PI UNT: N	POWER TOWER LANDROADBULLSUPPORTOTAL NEW EXP. NEW REH UNIT. NO. OF SITE	Spilos T	UPPOFT OTAL		8 8 8 8 8 8	MPLEMENTATION YEAR 1894/95 1895/96 1896/97 1897/98 1898/59	Mplementation year 185 1985/96 1896/97 1897	7/98 1938/98
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KALABAHI ERMERA BAUCAU OLLI			-	· -			•			Q	0 0 81.8 81.8					0000	0000	88	. 130	318	
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TABLE 5C-2 COST ESTIMATION FOR SPURSYSTEM (7/9)

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TABLE 5C-2 COST ESTIMATION FOR SPUR SYSTEM (8/8)

X WUNG PANDANG WUNG PANDANG WATAMPONE SINAI WATAMPONE SINAI WATAMPONE SINAI WATAMPONE BENTRALAR TAKALAR TAKALAR TAKALAR PARE—PARE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE—PARE MAJENE PARE MAJENE PARE MAJENE PALU PALU PALU PALU PALU PALU PALU PALU			SYS HOP TOTAL	NEW EXP NE	TOWER LANDRA NEW PEH UNIT: NO. OF SITE	PO A CBUILCE	TOWER LANDROACBUILD'SUPPOR TOTAL WEW REH. JUNT: NO. OF SITE		<u>इ</u>	INPLEMENTATION YEAR (85 1885/95 1886/97 1887/98	1998/99
SINJAN WATAMPONE SINJAN WATAMPONE SENGKANG BANTAENG BEANTAENG BEANTAENG BEANTAENG BEANTAENG BEANTAENG TAKALNA JENEPONTO PANGKALENE PARE PARE PARE PARE PARE PARE PARE PAR		64	325	-	8		ã	512 02		512	
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MAJULU BARBU BARBU POLEWALU ENPEKANG MANADO MANADO TAHUNA MOTAMOBAGU GOPONTALO KAWANGKOAN BITUNG AMUPANG PALU PALU PALU PALU PALU PASG LUMUR BANGGAI		-	176		-		8	236 01	236		
BARBU FOLEWAL FOLEWAL FOLEWAL MANADO MANANDO TAHUNG KOTAMOBAGU GORONTALO GORONTALO KAWANGKOAN BTUNG AMUPANG PALU PALU PALU PALU PARIGI LUMUIK BARGIGI LUMUIK BARGIGI LUMUIK			00				00	00		•	
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TABLE 5C-2 COST ESTIMATION FOR SPUR SYSTEM (9/9)

WITEL	SC& PC NAME	FO-ESO FO-155 FO-140 FO-34 DM-155 DM-140 SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYSTEM	7-156 3-156	FO-14 SYS HC	SE FO-140 FO-34 C IOP SYS HOP SYS HOP S' UNIT: MO.	HOP INTER	DM-16 SYS H 3. OF HC	5-34 DM-155 DM-140 S HOP SYS HOP SYS HOP UNIT: MO. OF HOP OR SYSTEM	HOP S	DM-34 SYS HOP	DM-17 P SYS HOP		DM-8 SYS HOP	EQPT TOTAL	POWER NEW EXP		TOWER LANDRINEW REH	LANDR	SACBUIL	SUPPO	TOWER LANDROAGBUILGSUPPOR TOTAL INT. NO. OF SITE	SODE SODE	1884	MPLEMENTATION YEAR 95:1995/96:1996/97:1997	TON YE/ 886/97 13	88/188	1336/8
. ₹	AMBON AMBON NAMLEA										* ** .	-		176	80 D		_			83	**	δ 90					238
<u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u>	MASOH! BULA TUAL DOBO SAUMLAKI BANDANEIPA											4			00000						00000	00000			-		
	TERNATE TERNATE JAIOLOLO										C)	6		362	- 08		-	-	-	0 87		5 ۾ <i>و</i>			88		
	TOBELO WEDA LABUHA										6	ო		0 B20	, N O <u>B</u> , O		e	6	64	2 1,016 0	₽	o 4 o		÷	£.		
_ +- +-	LAWU! SANANA SOASIU	<u> </u>										΄ α		0 35 0	- 0 9 0	:	N .	-	- :	- 8	85	<u> </u>					8
. 5	TOTAL	0	0	0	0	0	0	0	0	0	8 0	80	0	904.1	4		0 4	4	4	2,092	2 3,500	2	0	0	2,374	0	1,128
₹	SORONG SORONG FAKFAK KAMANA											-		176.	600		-			800		5 900		88			
	JAYAPURA BAK BAK MANOKWABI SERJI NABIPE:			:											:0000			. :			0000	0000		;			
	SAFMI JAYAPURA WAMENA							,		4	4 &	φ		1,904	ဖ ဝန္ရင	: 124	5	ω	ω	3,138	5,0	5 0 % 0			2,082		
	MERAUKE MERAUKE TANAH MERAH TIMIKA														000						000	000					
•	TATAL.		֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓				,		,					-	-							_			1	,	

TABLE 5C-3 COST ESTIMATION FOR JUNCTION SYSTEM (1/2)

File: JUNCTION.WK1

WEL	FO-620 FO-155 FO-140 FO-34 DM-WITEL MULTI-EXCHANGE AREA SYS HOP SYS HO	ANGE ARE	A SYS	HOP	FO-620 FO-155 SYS HOP SYS HOP	និត្	57S ± \$7S	SYS HOP SYS HOP UNIT: N	75 -34 775 -34 UNITE	ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο	DM-155 SYS HOP O. OF HOP O	S HOP SYS HOP SYS HOP UNIT: NO. OF HOP OR SYSTEM	DM140 SYS HOP RSYSTEM	SYS HO	ů.	DM-17 SYS HOP	- 5. 40H	DM-8 SYS HOP		EQ'PT TOTAL N	POWER TOWER NEW REH UNIT: NO. (氏で 別	TOWER VEW REH JNIT: NO. 0		SOAD BUI	TOTAL	LAND ROAD BUILD SUPPORT TOTAL, PROJECT TOTAL CODE FISHE NO.		ROJECT IMPLEMENTATION YEAR CODE 1994/95 1995/98 1996/97 1997/98 1989/96 NO.	1MPLE 94/95 193	MENTA 95/98 1	IMPLEMENTATION YEAR 95 1995/98 1996/97 1997	A.R 2007/306	19961
-	MEDAN (1) MEDAN (2)	2 .	10 +-	-																2,288	-	e -				~ ~	204 2,562 210 1,116	ļ				2,562	1,118	-
=	Padang Pakanbahu Batam				9 60	0 00 ·						•								976	•-	0:50				in λ−	259	1,123 III 0	52		1,453	<u> </u>		
=	PALEMBANG JAMBI BENGKULU TJ.KARANG		·		202	00 th	· -				ø		_							976 976 978 888,1	·	60 60 70	N			- 44 64	147 1,123 259 1,235 285 2,181		22 23 25				88 89 89	1,123 1,235
≥	JAKARTA		\$	5	ю	-	5												·*	47,680	.,	ਲ				<u> </u>	1,519 49.1	49.199 JKT/JUNC	DNC		19,679	14,760	4,920	076
>	BANDUNG	:	φ.	16 12	-	*-	· - -													2	· ·	8					714 11,198	7/08 86	DO/JUNC		11,18			
5	SEMARANG SOLO YOGYAKARTA		-		ω <i>t</i> ı		4 F												_ 	2,328	•-	ю и					25.5	2,573 Vi, 228 Vi, 1,235 Vij	ViO1 VIO2 VIO2		8	1,235		
5	SURABAYA		*	64		. •	o 14				63	61								1,626		4 (1	-	-	-	r) (A)	357 5,069 847 2,573		vit/cs vit/cs		2,573	80's		
₹	DENPASAR				•	-	n													1,850		evi.				~	239 2,109		10/III/		2,109			
×	LUUNG PANDANG	g									61	-								8		, :					75.	¥ 671,1	X 25 25			1,179		
~	AMBON	:												•	-	,				212	-	.			ļ	~	244	456 X,	אָע				į	\$\$
	TOTAL		128	128 28	ន	<u>6</u> 2	ਨ		٥		9	l in	-	,	-	0	0	0	0	90 BBI	10	12	2	٠,	ļ	1 6.2	6,229 87,110	9		6	37.240	28.50	8. 7.	25.65

TABLE 50-3 COST ESTIMATION FOR JUNCTION SYSTEM (2/2) (ADD 1.5 MILLION)

	TABLE 50-3 COST ESTIMATION FOR JUNCTION SYSTEM (2/2) (AUD 1.3 MILLION)	•			
File: JUNC1500,WK1					Unit: 1000 USS
WITEL MULTI-EXCHANGE AREA	WITEL MULTI-EXCHANGE AREA SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP SYS HOP TOTAL UNIT: NO. OF HOP OR SYS HOP SY	ECYPT POWER TOWER LANDROAD BUILD SUPPORT TOTAL PROJECT TOTAL NEW EXP NEW REH TOTAL CODE 1 UNIT: NO. OF SITE NO.	ULD SUPPORT TOTAL TOTAL	PROJECT CODE NO.	(MPLEMENTATION YEAR) 804/35 1085/36 1096/97 1897/38
IV JAKARTA (TRUNK) IV JAKARTA (LOCAL)	12 6	2,310 8,516 7	49 2,358 343 6,859		2,359
V BANDUNG (TRUNK) BANDUNG (LOCAL)	. 4	1,494 5	49 1,543 245 4,589		1,543
VII SURABAYA (TRUNK) SURABAYA (LOCAL)	φ. α. γ. γ. γ. γ. γ. γ. γ. γ. γ. γ. γ. γ. γ.	4,344 5	49 1,543 245 4,589		1,543
TOTAL	38 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20,502 0 20 0 0 0	0 980 21,482		0 0 0 21,482 0

TABLE 5C-4 COST ESTIMATION FOR PALAPA SATELLITE SYSTEM

FIIE: SAI.WK1					Unit 1000 US\$
		Unit	ý,0		Remarks
SBB		station	4-1	10,402	The cost includes;
SBS		station	က	1,935	equipment and works fee,
SBK		station	20	2,448	land acquisition and
					building constraction fee.
TDMA	Channel Expansion	channel	3,116	31,160	
SCPC	Channel Expansion	channel	803	9,823	
	Sub Total			55,768	
PALAPA	PALAPA-C lunching	set	• • • • • • • • • • • • • • • • • • •	300,000	
 	Grand Total			355,768	

COST ESTIMATION FOR OUTSIDE PLANT (BY AREAS) (WITEL 1)

Unit: US\$ 1,000 No. Existing Supply Area Exchange Name 96/97 Code 94/95 95/96 97/98 98/99 Total On-going Plan (1) (2) (4) (14) (15)(8) (10)(11)(13)(12)(SSP) (SSP) (\$) (\$) (\$) (\$) (\$) (\$) 61 Medan Balai Kota 353, 850 104, 900 7, 105 29, 365 36, 715 1, 110 620 | Pangkalan Brandan 3, 120 3, 170 1, 110 0. n Tebing Tinggi Deli 621. 17,800 S. Siantar Centram 2, 130 C 12, 170 Kisaran 2,470 Rantau Prapat 5, 790 1, 300 1,750 1, 520 625 Parapat 626 Pangururan 1, 400 1, 320 627 Sidikalang g Kabanjahe 6, 550 Kuta Cane 2,700 2, 450 ŋ Π 631 Sibolga 2,800 6, 200 1.370 2,080 Û Balige 2, 160 633 Tarutung 2, 190 634 Padang Sidempuan 1,890 2,590 Ð 636 Penyabungan 2, 540 Gunung Sitoli 2,980 Langsa 8, 420 6,400 2, 240 2, 240 Ð Blang Kejeru 1, 327 1, 330 3, 790 1, 327 Takengon 1) 644 Bireven 1,800 2, 390 645 Lhokseumawe 18,800 59, 190 e 20, 717 Ø O 20, 717 Q 645 | Idi 1,600 2, 200 Sinabang 2, 530 Ō Banda Aceh Centrum 61,520 1,500 Ç Sabang Sigli 4,920 Calang Û . 0 Meulaboh 2, 527 2, 200 Tapak Tuan 1, 290 Bakungan Singkil Blang Pedie

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,			ma-11	l					A	1 404	25 25
ì	1	WITEL I	TOTAL	1 526. 827	215.040	0	4,697	34, 115	34, 517	1, 936	75, 264
1			•	'	i •••			l '		'	
1	l			1				l '			

COST ESTIMATION FOR OUTSIDE PLANT (BY AREAS) (WITEL II)

									Unit : US	\$ 1,000
No.	Area Code	Exchange Name	Existing On-going	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	. (4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
			(SSP)	(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
]	751	Padang Centrum	32, 240	37,090	0	12, 982	0	0	0	12,982
2	752	Bukit Tinggi	16, 330	10,690	0	0	Q	3,742	. 0	3, 742
3	753	Lubuk Sikaping	730	850	0	298	0	0	0	298
4	754	Sawahlunto	1,500	620	0	217	. 0	0	0	217
5	755	Solok	3, 740	2,910	0	1,019	0	0	0	1,019
6	756	Painan	1,320	370	0	130	0	0	0	130
7	757	Balai Selasa	200	-100	. 0	35	. 0	0	0	35
8	759	Muara Sibeurat	100	90	0	0	3 2	0	. 0	3 2
9	760	Teluk Kuantan	400	300	.0	105	0	0	0	105
10	761	Pakanbaru Centrum	22, 830	24,900	1 0	0	5, 901	1,659	1, 155	8,715
11	762	Bangkinang	680	490	0	172	0	0	. : 0	172
12	763	Selat Panjang	4,000	0	0	0	0	0	0	0
13	764	Siak Sri Indrapura	280	480	. 0	168	0	0	0	168
14	765	Dumai	7,920	4,710	0	1,649	0	0	0	1,649
15	766	Bengkalis	880	1,090	0	382	0	S	0	382
16	767	Bagan Siapi-Api	- 80	1,380	. 0	0	0	483	. 0	483
17	768	Tembilahan	1,640	1, 930	0	676	0	0	Û	676
18	769	Rengat	1,860	490	. 0	172	0	0	0	172
19	771	Tj. Pinang	7, 500	6,900	0	2, 415	0	0	0	2, 415
20	713	Ranai								0
21	776	Dabo Singkep	900	630	. 0	221.	0	0	0	221
2 2.	777	Tj. Balai Karimun	2,500	530	0	186	0	0	0	186
23	778	Batam Sekupang	71,700	55, 470	0	0	19, 415	0	0	19, 415
24	779	Tanjung Batu	7, 100	1,630	0	0	0	0	571	571

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ļ		WITEL II	TOTAL	186, 430	153,650	0	20, 822	25, 347	5, 884	1,726	53, 778
1				,							

COST ESTIMATION FOR OUTSIDE PLANT (BY AREAS) (WITEL III)

Un	il :	USS	l,	000

No. Area Code Exchange Name Existing On-going Supply Plan 94/95 95/96 96/97 97/98 (1) (2) (3) (4) (5) (6) (7) (8) (9) 1 711 Palembang Centrum 74,320 58,770 0 0 0 20,570 2 712 Kayu Agung 1,760 780 0 0 273 0 3 713 Prabu Mulih 2,580 2,950 0 0 0 0 4 714 Sekaya 1,000 1,290 0 452 0 0 5 717 Pangkal Pinang 33,780 8,500 0 980 0 0 6 718 Tanjung Pandan 400 2,800 0 980 0 0 7 721 7j, Karang Centrum 47,540 43,680 0 0 0 168 0 9 723 Liw	98/99	
SSP SSP	30/33	Total
1 711 Palembang Centrum 74,320 58,770 0 0 0 20,570 2 712 Kayu Agung 1,760 780 0 0 273 0 3 713 Prabu Mulih 2,580 2,950 0 0 0 0 0 4 714 Sekaya 1,000 1,290 0 452 0 0 5 717 Pangkal Pinang 33,780 8,500 0 0 2,975 0 6 718 Tanjung Pandan 400 2,800 0 980 0 0 7 721 Tj. Karang Centrum 47,540 43,680 0 0 0 15,288 8 722 Kota Agung 1,965 480 0 0 168 0	(10)	(11)
2 712 Kayu Agung 1,760 780 0 0 273 0 3 713 Prabu Mulih 2,580 2,950 0 0 0 0 0 4 714 Sekaya 1,000 1,290 0 452 0 0 5 717 Pangkal Pinang 33,780 8,500 0 0 2,975 0 6 718 Tanjung Pandan 400 2,800 0 980 0 0 7 721 Tj. Karang Centrum 47,540 43,680 0 0 0 15,288 8 722 Kota Agung 1,965 480 0 0 168 0	(\$)	(3)
3 713 Prabu Mulih 2,580 2,950 0 0 0 0 4 714 Sekaya 1,000 1,290 0 452 0 0 5 717 Pangkal Pinang 33,780 8,500 0 0 2,975 0 6 718 Tanjung Pandan 400 2,800 0 980 0 0 7 721 Tj. Karang Centrum 47,540 43,680 0 0 0 15,288 8 722 Kota Agung 1,965 480 0 0 168 0	0	20, 570
4 714 Sekaya 1,000 1,290 0 452 0 0 5 717 Pangkal Pinang 33,780 8,500 0 0 2,975 0 6 718 Tanjung Pandan 400 2,800 0 980 0 0 7 721 Tj. Karang Centrum 47,540 43,680 0 0 0 15,288 8 722 Kota Agung 1,965 480 0 0 168 0	0	273
5 717 Pangkal Pinang 33,780 8,500 0 0 2,975 0 6 718 Tanjung Pandan 400 2,800 0 980 0 0 7 721 Tj. Karang Centrum 47,540 43,680 0 0 0 15,288 8 722 Kota Agung 1,965 480 0 0 168 0	1,033	1,033
6 718 Tanjung Pandan 400 2,800 0 980 0 0 7 721 Tj. Karang Centrum 47,540 43,680 0 0 0 15,288 8 722 Kota Agung 1,965 480 0 0 168 0	0	452
7 721 Tj. Karang Centrum 47, 540 43, 680 0 0 0 15, 288 8 722 Kota Agung 1, 965 480 0 0 168 0	0	2, 975
8 722 Kota Agung 1,965 480 0 0 168 0	0	980
	0	15, 288
9 723 Liwa 800 590 0 0 0 0	. 0	168
	207	207
10 724 Kota Bumi 2, 200 4, 290 0 0 0 0	1,502	1,502
	0	1,040
12 727 Kalianda 75 750 0 0 0	263	263
13 731 Lahat 12,150 7,340 0 217 32 2,321	0	2, 569
14 732 Curup 5,470 9,130 0 3,196 0 0	0	3, 196
15 733 Lubuk Linggau 3, 100 5, 560 0 1, 911 0 35	. 0	1,946
16 734 Muara Enim 400 2,680 0 669 270 0	0	938
17 735 Baturaja 8,900 11,160 0 3,906 0 0	0	3, 906
18 736 Bengkulu Centrum 8,100 47,340 0 2,520 0 0	14,049	16,569
19 737 Arganakmur 880 1,280 0 0 0 0	448	448
20 738 Muara Aman 109 0 0 0 0 0	0	0
21 739 Manna 800 23,799 0 8,193 0 0	137	8, 330
22 741 Jambi Centrum 25,500 32,000 0 3,798 0 0	7, 403	11,200
23 742 Kuala Tungkai 1,700 940 0 329 0 0	0 .	329
24 743 Muara Bulian 940 510 0 179 0 0	0	179
25 746 Bangko 900 240 0 84 0 0	0	84
26 747 Muara Bungo I,100 460 0 161 0 0	0	161
27 748 Sungai Penuh 2,490 1,400 0 490 0 0	0	490

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		WITEL III	TOTAL	243, 750	271,689	0	27, 083	4, 757	38, 213	25, 039	95,091
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COST ESTIMATION FOR OUTSIDE PLANT (BY AREAS) (WITEL 1V)

No.	Area Code	Exchange Name	Existing On-going	Supply Plan	94/95	95/96	96/97	97/98	Unit : US 98/99	\$ 1,000 Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		!	(922)	(SSP)	(\$)	(\$)	(\$)	(1)	(\$)	(8)
1	21	JAKARTA UTARA	490, 304	146,650	0	0	41,703	0	9,625	51, 328
2	21	JAKARTA PUSAT	326, 750	191,010	0	37, 919	0	0	28, 935	66, 854
3	21	JAKARTA SELATAN	434, 343	332, 290	0	33, 996	65, 324	7, 875	9, 107	116, 302
4	21	JAKARTA BARAT	403, 555	360, 060	0	6,773	97, 325	6, 965	14, 959	126, 021
5	21	JAKARTA TIMUR	468, 035	334, 570	0	22, 355	75, 842	2, 223	16,681	117, 100

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1		MITEL IA	TOTAL	2, 144, 501	1, 364, 580	י ע	101,042	280, 193	17,063	79, 307	411,003
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t	1	L		L	L		L		L		<u></u>

COST ESTIMATED FOR OUTSIDE PLANT (BY AREAS) (WITEL V)

									Unit : US	\$ 1,000
No.	Area Code	Exchange Name	Existing On-going	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
			(SSP)	(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	22	Bandung Centrum	217,099	517, 910	0	74,652	0	106, 617	0	181, 269
2	231	Cirebon Centrum	13, 969	22,060	0	0	7, 721	. 0	0	7, 721
3:	232	Kuningan	3, 542	3,060	0	1,071	0		0	1,071
4	233	Majalengka	1, 260	1,950	0	683	. 0		0	683
5_	234	Indramayu	5,600	2, 570	0	. 0	900	0	0	900
6	251	Bogor	29, 148	69,550	0	0	24, 343	0	0	24, 343
7	252	Rangasbitung	8, 140	170	0	6.0	0		0	60
- 8	253	Padeglang	2, 130	1,350	0	0	0	473	0	473
9	254	Serang	15, 120	14,850	0	3, 479	0	1,719	0	5, 198
10	255	Sindang Laya	2,900	2, 790	0	0	00	2,790	0	2, 790
-11	261	Sumedang	3,600	2, 350	0	823	0	<u> </u>	0	823
12	252	Garut	3, 270	9, 290	0	0	0	3, 252	0	3, 252
13	263	Cianjur_	8, 092	19, 270	Û	Û	6, 745	0	0	6, 745
14	264	Purwakarta	27, 582	12, 150	0	4, 253	0	0	0	4, 253
15	265	Tasikmalaya	27, 394	57,600	0	20, 160	0	0	0	20, 160
16	266	Sukabemi	3, 362	24, 570	0	0	0	8,600	0	8,600
17	267	Karawang	9, 126	9,860	0	2, 674	0	777	0	3, 451
18	269	Pameungpeuk	520	413	0	4-13	0		Û	413
				1	-					Ĺ

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	 WITEL V TOTAL	381, 854	771, 763	0	108, 266	39,708	124, 226	. 0	272, 199
<u> </u>									

COST ESTINATED FOR OUTSIDE PLANT (BY AREAS) (WITEL VI)

Unit: US\$ 1,000 NO. Exchange Name Existing Supply Area 95/96 96/97 97/98 98/99 Total 94/95 Plan Code On-going (11) (3) (5) (6) (7) (8) (9) (10)(1) (2) (1) (1) (\$) (SSP) (SSP) (\$) (1) (\$) 55, 132 235 0 55, 367 112, 200 0 0 158, 190 24 Semarang Johor 0 24,071 0 24, 071 0 0 271 | Soro I (Gladak) 34, 392 68, 775 2 1,783 0 1,783 0 0 4, 328 5,095 0 3 272 Klaten 2, 240 2, 240 1, 756 6, 400 0 0 0: 273 Wonogiri 4 274 Yk. Kotabaru 11,725 33, 500 0 525 11, 200 0 0 54, 251 5 1, 271 2, 250 0 0 3,630 0 1, 271 0 275 Purvorejo 6 2, 090 2,090 0 2,090 0 0 0 276 Boyolali 1, 200 7 5, 138 6, 302 0 Ō 0 5, 138 14,680 8 281 Purwokerto 2, 279 9,078 6,510 2, 279 0 0 : O. 0 9 282 Cilacap 6, 339 0 0 0 0 6, 339 3,680 18, 110 10 283 Tegal Selatan 0 0 0. 844 844 0 2,410 284 Pemalang 2, 280 11 4, 274 11, 582 12, 210 0 0 0 0 4, 274 12 285 Pekalongan (Timur) Ō 2, 202 6, 290 0 5, 450 0 970 1, 232 286 Wonosobo 13 1, 757 0 0 1, 757 0 0 287 Kebumen 3,740 5,020 14 4, 179 1, 897 . , . 0 0 4, 179 0 0 11,940 15 291 Kudus 12, 766 1, 280 5, 420 0 256 1,631 0 0 292 Purwodadi Grobogan 16 5, 863 16, 750 0 0 0 2,002 3,861 13, 810 293 | Magelang 17 0 0 4,015 2, 542 11,470 G 4,015 0 294 Kendal 18 0 2, 919 0 0 0 2,919 18 295 Pati 4,690 8, 340 5, 350 0 0 0 1, 873 1,873 3, 916 20 296 Blora 3, 168

	WITEL	71	TOTAL	298, 593	412, 840	0	54, 826	70, 203	15, 556	5, 258	145, 852
	ļ							M2-2-0-3			

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7, 100

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COST ESTIMATION FOR OUTSIDE PLANT (BY AREAS) (WITEL VII)

1.0									Unit: US	\$ 1,000
NO.	Area Code	Exchange Name	Existing On-going	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
			(SSP)	(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
	31	SBY Kapasan	245, 851	411,030	0	28, 420	110,607	4,834	0	143,861
2	321	Mojokerto	8, 220	21, 100	0	7, 385	0	0	0	7, 385
3	322	Lamongan	640	1, 281	0	1, 281	0	0	0	1, 281
4	323	Sampang	920	8, 670	0	0	0	-0	3,035	3, 035
5	324	Pamekasan	1,720	12,080	.0	0	0	4, 228	0	4, 228
6	328	Sumenep	3, 200	: 473	. 0	0	0	413	0	473
7	331	Jember	12,305	7,050	0:	2, 468	0	0_	0	2, 468
8	332	Bondowoso	1,690	1,502	0	i, 502	0	. 0	0	1,502
9	333	Banyuwangi	4,967	17,760	0	0	0	6, 216	0	6,216
10	334	Lumajang	3, 171	4,560	0	0	0	. 0	1,596	1,596
11.	335	Probolinggo	4,080	7,060	0	0	0	2, 471	00	2, 471
12	336	Besuki	:400	312	0	0	312	0	. 0.	312
13	338	Situbondo	3, 270	8,770	. 0	3, 070	0	0	. 0	3,070
14	341	Malang Klojen	21,098	78 <u>, 570</u>	. 0	24, 973	. 0	0	2, 527	27, 500
15	342	Blitar	5, 320	10, 240	0	0	3, 584	. 0	0	3, 584
16	343	Pasuruan	7, 181	36, 970	0	0	0	12, 940	0	12, 940
17	351	Madiun	7,456	18, 130	0	0	6,346	0	0	6, 346
18	352	Ponorogo	2,650	1, 351	0	. 0	0	1, 351	0	1, 351
19	353	Bojonegoro	2, 285	420	0	147	0	. 0	0	147
20	354	Kediri	9, 794	21,470	. 0	3,070	0	0	4, 445	7, 515
21	355	Tulung Agung	3, 590	9,780	0	0	0	3, 423	0	3, 423
22	356	Tubun	3,000	3,740	. 0	1, 309	0	0	0	1,309
23	357	Pacitan	310	1,379	0	0	1,379	0	0	1, 379
24	358	Naganjuk	3, 254	2, 250	0	788	0	0	0	788
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		WITE WIL TOTAL	256 252	E 0 E 0 1 T	71 116	100 903	35, 935	13 600	913 171
1		WITEL VII TOTAL	356, 352	900, 941	 12, 410	144,441	33, 333	11,000	623, 1/3
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COST ESTIMATION FOR OUTSIDE PLANT (BY AREAS) (WITEL VIII)

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									VIII VO	
NO.	Area Code	Exchange Name	Existing On-going	Supply Plan	94/95	95/96	96/97	\$7/98	98/99	Total
(1).	(2)	(3)	. (4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
- \ - \ -		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(SSP)	(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	361	Denpasar Kaliasen	94,660	125, 230	0	43, 831	0	0	0	43,831
2	362	Singaraja	8, 210	0	0	0	Û	0	0	0
3	363	Amlapura	1,900	795	. 0	0	795	0	0	795
4	364	Mataram	16,620	17, 160	0	0	6,006	0	0	6,006
5	365	Nogara	4,000	3, 084	0	J, 084	0	. 0	0	3, 084
6	366	Klungkung	4, 180	7, 210	0	0	0	2, 524	0	2, 524
7	367	Selong	780	336	0	336	0	0	0	336
8	371	Sumbawa Besar	3, 300	977	0	0	977	0	0	977
9	372	Alas	820	540	0	224	0	0	0	224
10	373	Dompu	830	546	0	0	0	546	. 0	546
11	374	Bina	2, 470	6, 860	0	0	0	2, 401	0	2, 401
12	377	Vikeke (Viqueque)	100	196	- 0	196	0	0	0	196
13	381	Ende	1,370	1, 580	0	553	0	0	0	553
14	382	Maumere	900	595	0	0	595	0	. 0:	595
15	383	Larantuka	390	270	0	270	. 0	0	0	270
16	384	Bajawa	600	151	Ö	151	0	0	0	151
17	385	Ruteng	1,180	1, 280	0	448	0	C	0	448
18	386	Waingapu (Pandawa)	950	378	0	378	0	0	. 0	378
I ĝ	387	Waikabubak	750	354	i o	354	0	0	0	354
20	390	Dilli	4, 160	6,890	C	0	2, 412	0	0	2, 412
21	391	Kuoang	6, 920	6, 910	0	0	0	2, 419	0	2, 419
2.2	392	SOE	1,300	1, 130	Ů Ů	396	0	0	0	396
23	393	Kefamenahu	320	105	0	105	0	0	0	105
24	394	Atambua	900	1,020	0	357	0	. 0	0	357
25	395	BAA (Timur)	300	100	0	35	. 0	0	0	35
26	397	Kalabahi	500	256	0	256	0	. 0	0	256
27	398	Еглега	400	224	l o	224	0	0	0	224
28	399	Baucau	800	1, 420	Ì	497	0	0	0	497
60	333	D64000	1	1,130	- <u>`</u> -		Ť			
		L		<u> </u>	<u> </u>	L	<u> </u>		L	

	WITEL VIII	TOTAL	159, 610	185, 694	0	51, 692	10,784	7, 889	0	70, 364

COST ESTIMATION FOR OUTSIDE PLANT (BY AREAS) (WITEL IX)

	**								Unit: US	1,000
No.	Area	Exchange Name	Existing	Supply						
	Code		On-going	Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
			(SSP)	(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	511	Banjarmasin Kota	35, 300	72,090	0	25, 232	0	0	0	25, 232
2	512	Pleihari	1,300	784	0	. 0	0	784	0	784
3	513	Kuala Kapuas	2, 220	2,380	0	0	0	833	0	833
4	514	Palangkaraya	6, 518	1,705	0	0	1,705	0	0	1,705
5	515	Buntok	1,540	1,050	0	368	0	. 0	0	368
- 6	516	Tanjung Tabalong	1,030	: 991	0	0	0_	891	0	991
7	517	Kandangan	5, 500	9, 230	0	0	3, 231	0_	. 0	3, 231
8	518	Kota Baru	1,080	8,770	. 0	0	0	2, 356	714	3, 070
9	519	Muara Teweh	1, 120	644	0	644	0	0	. 0	644
.10	531	Sampit	3, 100	4, 140	0	1,449	0	0	0	1,449
11	532	Pangkalan Bun	2, 305	1, 225	0	0	0	1, 225	0	1, 225
12	534	Ketapang	1,070	3,880	Û	0	1,358	0	0	1, 358
13	535	Sukadana Kalimantan	0	147	0	147	0	0	0	147
14	537	Kuala Kurun	400	0	0	. 0	0	0	0	0
15	538	Puruk Cau	0	35	0	35	0	0	0	35
16	541	Samarinda	23, 140	34, 920	0	12, 222	0	. 0	. 0	12, 222
17	542	Balikpapan	14, 100	35, 640	0	0	0	. 0	12, 474	12, 474
18	543	Tanah Grogot	1,600	396	0	396	0	0_	0	396
19	544	Tanjung Redep	1,500	756	0	756	0	0	0	756
20	545	Malak (Longiram)	0	140	0	140	0	0	0	140
21	548	Bontang	3,860	1,880	0	0	1,880	0	0	1,880
2.2	551	Tarakan	3,090	6,010	0	2, 104	0	0	0	2, 104
23	552	Tanjung Selor	1,400	456	0	466	0	0	0	466
24	553	Malinau	200	109	0	109	0	0	0	109
25	556	Sambas	440	529	0_	0	0	0	529	529
26	561	Pontianak I	14,700	45, 150	0	2, 100	13, 703	G	0	15,803
27	562	Singkawang	4,370	4,840	Û	0	0	634	1,061	1,694
27	563	Ngabang	320	357	0	0	0	357	0	357
28	564	Sanggau	1, 160	3, 470	0	1, 215	0_	0	0	1, 215
29	565		680	875	0	875	0	0	0	875
30	567	Putusibau	250	1,550	0	427	0	0	116	543
31	568	Nangapinoh	264	284	0	0	0	284	0	284
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		WITEL IX TOTAL	133, 587	244, 439	0	48, 682	21, 875	7,462	14, 893	92, 911
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COST ESTIMATION FOR OUTSIDE PLANT (BY AREAS) (WITEL X)

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		*							Unit: US	\$ 1,000°
No.	Area	Exchange Name	Existing	Supply				0.5 (0.0	00/00	1
	Code		On-going	Plan .	94/95	95/96	96/97	97/98	98/89	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	(6)	10/	(SSP)	(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
Ī	401	Kendari .	2, 376	7, 350	0	2, 573	0	0	0	2, 573
2	402	Bau-Bau	3,000	3, 500	0	0	1, 225	0	0	1, 225
3	403	Raha	2,600	424	0	424	0	0	0	424
4	405	Kolaka	1, 200	2,490	0	728	144	0	0	872
5	410	Pangkajene	1, 474	3, 190	0	1, 117	0	0	0	1, 117
6	411	UJ. Pandang Balaikota	90, 289	107, 350	0	0	37, 573	0	0	37, 573
7	413	Bantaeng	2, 880	2,890	0	1,012	0	0	0	1,012
8	414	Benteng	1, 140	501	0	0	0	0	501	501
9	418	Sinjai	1,890	2, 480	0	291	0	0	578	868
10	419	Jeneponto	880	280	0	0	0	0	280	280
11	421	Pare-pare	7,680	10,760	0	3, 766	0	0	0	3, 766
12	422	Majene	1,000	284	0	284	0	0	0	284
13	423	Rantepao	970	816	0	816	0	0	0	816
14	424	Malili	0.0	560	0	0	560	0	0	560
15	426	Manuju	340	256	0	266	0	0	Ō	266
16	428	Polewali	1, 220	602	0	0	0	0	602	602
17	439	Enrekang	600	469	0	235	0	0	235	469
18	430	Amurang	300	193	0	193	0	0	0	193
19	431	Manado I	550	22, 880	0	0	8,008	0	0	8,008
20	432	Tahuna	1,080	3, 080	0	637	0	0	441	1,078
21	434	Kotamobagu	1,100	823	0	823	0	0	0	823
2 2	435	Gorontalo	1, 500	11, 230	0	3, 931	. 0	0	0	3, 931
23	435	Tondano	640	2, 810	0	984	0	0	. 0	984
24	438	Bitung	2,660	9, 360	0	0	0	0	3, 276	3, 276
25	450	Parigi	400	95	0	95	0	0	0	95
26	451	Palu	12, 052	11,590	0	0	0	0	4, 057	4, 057
27	452	Poso	2, 540	6, 190	0	2, 167	. 0	0	0	2, 167
28	453	Toli Toli	1,740	648	0	648	0	0	0	548
29	461	Luwuk	0	1, 456	0	1,456	0	0	0	1,456
30	462	Banggai	0	200	0	0	200	0	0	200
31	471	Palopo	2, 340	1, 215	0	1, 215	0	0	0	1, 215
32	481	Watampone	2, 860	1, 778	0	1,778	0	0	0	1,773
33	484	Watansoppeng	1, 380	1, 350	0	1, 10	0	0	473	473
34	485	Singkang Singkang	1,300.	672	0	672	0	0	0	672
J4	400	ning yang	 	012	- U	1 018	<u> </u>	-		<u> </u>
		<u> </u>		<u> </u>	L	L	L.,	l		

	**************************************	WITEL X	TOTAL	149, 591	219, 777	0	26, 103	47,709	0	10, 441	84, 252	
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COST ESTIMATION FOR OUTSIDE PLANT(BY AREAS) (WITEL XI)

		0.1							Unit : US	1,000
NO.	Area Code	Exchange Name	Existing On-going	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4).	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	<u> </u>		(SSP)	(SSP)	(\$)	(\$)	(\$)	(1)	(\$)	(\$)
	910	Banda Neira	350	390	0	137	0	0	. 0	137
2	911	Ambon Centrum	18, 440	3,710	0	. 0	0	0	1, 299	1, 299
3	913	Namlea	350	4, 110	0	1, 439	0	0	0	1, 439
4	914	Masohi	1,610	2, 170	0	0	760	0_	0	760
5	916	Tual	1,300	1,800	0	0	0	0	630	630
6	917	Dobo	300	850	0	298	0	0	0	298
7	918	Saumlaki	600	1,810	. 0	0	634	0	0	634
8	920	Soa Siu	1,000	1, 240	. 0	0	0	0	434	434
9	921	Ternate	6, 250	5,630	0	0	1,971	0	0	1, 971
10	922	Jaiololo	0	680	0_	0	238	0	0	238
11	924	Tobelo	600	2, 180	0	0	0	0	763	763
12	925	Weda		100	0	. 0	35	. 0	0	35
13	927	Labuha	350	370	0	130	. 0	0	0	130
14	929	Sahana	280	1,080	0	378	0	0	0	378

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ı		WITEL VI TATAL	91 490	AC. 19A		9 202	2 5 2 9	م ا	3, 126	0 149
ł		MITTER YI TOTUE	31,430	26, 120	V	2, 380	3,031	, v	0, 160	3, 144
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COST ESTIMATION FOR OUTSIDE PLANT (BY AREAS) (WITEL XII)

									Unit: US	\$ 1,000
No.	Area Code	Exchange Name	Existing On-going	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1:1)
			(SSP)	(SSP)	(\$)	(1)	(\$)	(\$)	(\$)	(\$)
Ī	951	Sorong	3,980	13, 300	0	4,655	0	0	0	4,655
2	956	Fak-Fak	2,028	3,470	0	1, 215	0	0	0	1, 215
3	957	Kaimana	260	810	0	0	0	0	284	284
4	9.61	Biak	2, 430	3, 940	0	1, 379	Q	0	0	1, 379
5	962	Manokwari	2, 424	2, 580	0	903	. 0	0	0	903
6	963	Serui	1, 160	980	0	35	308	0	0	343
7	964	Nabire	7,010	180	0	0	63	0	0	63
8	988	Sarmi	200	0	0	0	0	0	0	0
9	967	Jayapura	34, 580	25, 210	0	0	8, 824	0	0	8,824
-10	969	Wamena	1, 140	2,030	: 0	0	. 0	711	0	711
11	971	Merauke	1, 362	3, 400	0	1, 190	0	0	0	1, 190
12	975	Tanah Merah	60	100	0	3 5	Û	0	0	35
13	979	Timika	520	2, 700	0	0	0	945	0	945
							1			

1	WITEL XII TOTAL	57, 154	58, 700	. 0	9, 412	9, 195	1,656	284	20, 545

COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL 1)

Unit : US\$ 1,000

4 2 4	A			· · · · · · · · · · · · · · · · · · ·				Unit: US	1,000
No.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(10)
			(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	61	Medan Balai Kota	1.07	0_	0	0	738	536	1, 274
2	620	Pangkalan Brandan	292	0	1,513	0	0	0	1,513
3	621	Tebing Tinggi Deli	272	0	1,535	355	724	0	2,614
4	622	S. Siantar Centram	308	0	478	0	518.	1,546	2, 542
- 5	623	Kisaran	880	0	1,634	. 0	2, 724	0	4, 358
6	624	Rantau Prapat	390	0	0	0	0	3, 283	3, 283
7	625	Parapat	100	0	0	0	600	0	600
8	626	Pangururan	27	0	0	352	0	0	352
9	627	Sidikalang	183	0	0	C	1,402	0	1,402
10	628	Kabanjahe	88	0	1, 274	0	. 0	0	1, 274
11	629	Kuta Cane	1	. 0	0	0	286	. 0	286
12	631	Sibolga	29	0	0	1, 185	0	0	1, 185
13	632	Balige	187	0	. 0	1,694	. 0	0	1,694
14	633	Tarutung	35	0	0	379	0	0	379
15	634	Padang Sidempuan	453	0	0	2,710	0	0	2,710
16	636	Penyabungan	172	. 0	0	1,560	- 0	0	1,560
17	639	Gunung Sitoli	393	0	0	2, 135	0	0	2, 135
18	641	Langsa	723	0	3, 693	0	0	0	3, 693
19	642	Blang Kejeru	23	0	0	0	598	0	598
20	643	Takengon	121	0	0	1,061	0	0	1,061
21	644	Bireuen	218	0	0	0	1, 414	0	1,414
22	645	Lhokseumawe	363	0	0	2, 250	0	0	2, 250
23	646	ldi	290	0	0	0	1, 246	0	1,246
24	650	Sinabang	77	0	847	0	0	0	847
25	651	Banda Aceh Centrum	176	0	0	0	0	1,898	1,898
26	652	Sabang	0	0	0	0	0	0	0
27	653	Sigli	146	-0	. 0	0	420	1, 211	1,631
28	654	Calang	297	0	0	1, 270	0	C	1, 270
29	655	Meulaboh	0	0	0	2, 393	0	0	2, 393
30	656	Tapak Tuan	9	0	0	494	0	0	494
31	657	Bakungan	208	0	0	0	967	0	967
32	658	Singkil	112	0	0	0	901	0	901
33	659	Blang Pedie	14	0	0	308	0	0	308
"	700	orang touto	1			000		- -	
		L			L		L	l	L

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ı		WITEL I TOTAL	2 504	Λ.	10 974	10 145	12, 538	8, 474	50.132
ı		HILDE I TOTAL	0,094	υ	10,974	10, 140	12, 550	0,414	30, 134
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COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY ARRAS) (WITEL 11)

U	n	i	ŧ	:	US\$	١,	000	

1	4								Unit: US	* 1, 000
SSP	No.		Exchange Name		94/95	95/96	96/97	97/98	98/99	Total
SSP (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$) (\$)	(1)	(2)	(3)	(4)	(5)	(6)				
1				(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	
2 752 Bukit Tinggi 569 0 0 0 4,080 0 4,08 3 753 Lubuk Sikaping 385 0 2,998 0 0 0 2,99 4 754 Sawahlunto 42 0 663 0 0 0 666 5 755 Solok 177 0 1,967 0 0 0 1,36 6 756 Painan 52 0 637 0 0 0 0 689 7 757 Balai Selasa 63 0 734 0 0 0 734 8 758 Muara Sibeurat 372 0 0 2,045 0 0 2,04 9 760 Teluk Kuantan 74 0 902 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	751	Padang Centrum	25	0.	410	0	0	0	410
3 753 Lubuk Sikaping 385 0 2,989 0 0 0 2,989 4 754 Sawahlunto 42 0 663 0 0 0 665 5 755 Solok 177 0 1,967 0 0 0 1,967 6 756 Painan 52 0 697 0 0 0 0 699 7 757 Balai Selasa 63 0 734 0 0 0 0 0 73 8 759 Muera Sibeurat 372 0 0 2,045 0 0 2,044 9 760 Teluk Kuantan 74 0 902 0	2			569	0	0	0	4,080	0	4,080
4 754 Sawahlunto 42 0 663 0 0 666 5 755 Solok 177 0 1,967 0 0 0 1,96 6 756 Painan 52 0 697 0 0 0 689 7 757 Balai Selasa 63 0 734 0 0 0 0 73 8 759 Muara Sibeurat 372 0 0 2,045 0 0 2,04 9 760 Teluk Kuantan 74 0 902 0 0 0 0 0 90 10 761 Pakanbaru Centrum 0<				385	0	2, 999		0	0	2, 999
6 756 Painan 52 0 637 0 0 69 7 757 Balai Selasa 63 0 734 0 0 0 73 8 759 Muara Sibeurat 372 0 0 2,045 0 0 2,04 9 760 Teluk Kuantan 74 0 902 0 0 0 90 10 761 Pakanbaru Centrum 0		754		42:	0	663	0	: 0 :	0	663
7 757 Balai Selasa 63 0 734 0 0 0 738 759 Muara Sibeurat 372 0 0 0 2,045 0 0 2,049 760 Teluk Kuantan 74 0 902 0 0 0 0 90 0 0 0 0 0 0 0 0 0 0 0				177	0	1,967			<u> </u>	1,967
8 759 Muara Sibeurat 372 0 0 2,045 0 0 2,04 9 760 Teluk Kuantan 74 0 902 0 0 0 30 10 761 Pakanbaru Centrum 0 <td></td> <td></td> <td>Painan</td> <td>5 2</td> <td>. 0</td> <td>697</td> <td>. 0</td> <td>: 0</td> <td></td> <td>697</td>			Painan	5 2	. 0	697	. 0	: 0		697
9 760 Teluk Kuantan 74 0 902 0 0 0 90	7	757		63	0	734			<u> </u>	734
9 760 Teluk Kuantan 74 0 902 0 0 0 90 10 761 Pakanbaru Centrum 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4,667 0 0 0 0 4,667 0<	8			372	0	0	2, 045		<u> </u>	2,045
10 761 Pakahbatu Centium 952 0 4,667 0 0 0 4,66 12 763 Selat Panjang 150 0 900 0 0 0 90 13 764 Siak Sri Indrapura 58 0 587 0 0 0 0 14 765 Dumai 0 0 0 0 0 0 15 766 Bengkalis 103 0 610 0 0 0 16 767 Bagan Siapi-Api 1,260 0 0 0 5,259 0 5,25 17 768 Tembilahan 1,655 0 7,512 0 0 0 7,51 18 769 Rengat 152 0 1,167 0 0 0 1,16 19 771 Tj. Pinang 649 0 2,727 0 0 0 2,72 20 773 Ranai 0 0 0 0 0 21 776 Dabo Singkep 0 0 0 0 0 22 777 Tj. Balai Karimun 0 0 0 0 0 3,283 0 0 3,283 78 Batam Sekupang 736 0 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 0 3,283 3,283 3,283 3,283 3,283 3,283 3,283 3,283 3,283 3,283		760	Teluk Kuantan	74	0	902	. 0	0	0	902
11 762 Bangkinang 952 0 4,667 0 0 0 4,66 12 763 Selat Panjang 150 0 900 0 0 0 90 13 764 Siak Sri Indrapura 58 0 587 0	10	761	Pakanbaru Centrum	0	0	0	0	0 :	0	0
12 763 Selat Panjang 150 0 900 0 0 0 90 13 764 Siak Sri Indrapura 58 0 587 0 0 0 0 0 58 14 765 Dumai 0 1,16 0 0 0 0 0 0 0 0 0 0 0				952	0	4,667	0	. 0 .	0	4,667
13 764 Siak Sri Indrapura 58 0 587 0 610 5,259 0 5,25 17 768 Tembilahan 1,655 0 7,512 0 0 0 7,51 18 769 Rengat 152 0 1,167 0 0 0 1,16 19 771 Tj. Pinang 649 0 2,727 0 0 0 0 0 2,72 0 0 0 0 0 0 0 0 0 0 0				150	0	900		0	0	900
14 765 Dumai 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 61 0 0 0 0 61 0 0 0 0 61 0 0 0 61 0 0 0 61 0 0 0 0 5,25 0 5,25 0 7,512 0 0 0 0 7,51 0 0 0 7,51 0 0 0 0 0 0 0 0 1,16 0 0 0 0 1,16 0				58	0	587	0	0	0.	587
15 766 Bengkalis 103 0 610 0 0 0 61 16 767 Bagan Siapi-Api 1,260 0 0 0 5,259 0 5,25 17 768 Tembilahan 1,655 0 7,512 0 0 0 7,51 18 769 Rengat 152 0 1,167 0 0 0 1,16 19 771 Tj. Pinang 649 0 2,727 0 0 0 2,72 20 773 Ranai 0 0 0 0 0 0 0 0 21 776 Dabo Singkep 0 <				0	0	0	0	0	_	0
16 767 Bagan Siapi-Api 1,260 0 0 0 5,259 0 5,25 17 768 Tembilahan 1,655 0 7,512 0 0 0 7,51 18 769 Rengat 152 0 1,167 0 0 0 1,16 19 771 Tj. Pinang 649 0 2,727 0 0 0 2,72 20 773 Ranai 0 0 0 0 0 0 0 21 776 Dabo Singkep 0 0 0 0 0 0 0 22 777 Tj. Balai Karimun 0 0 0 0 0 0 3,28 23 778 Batam Sekupang 736 0 0 3,283 0 0 3,28			Bengkalis	103	0	610	0		0	610
17 768 Tembilahan 1,655 0 7,512 0 0 0 7,51 18 769 Rengat 152 0 1,167 0 0 0 1,16 19 771 Tj. Pinang 649 0 2,727 0 0 0 2,72 20 773 Ranai 0 0 0 0 0 0 21 776 Dabo Singkep 0 0 0 0 0 0 0 22 777 Tj. Balai Karimun 0 0 0 0 0 0 0 23 778 Batam Sekupang 736 0 0 3,283 0 0 3,283				1, 260	0		0	5, 259		5, 259
18 768 Rengat 152 0 1,167 0 0 0 1,167 19 771 Tj. Pinang 649 0 2,727 0 0 0 2,72 20 773 Ranai 0 0 0 0 0 0 21 776 Dabo Singkep 0 0 0 0 0 0 22 777 Tj. Batai Karimun 0 0 0 0 0 0 23 778 Batam Sekupang 736 0 0 3,283 0 0 3,28				1,655	0	7, 512		. 0		7,512
19 771 Tj. Pinang 649 0 2,727 0 0 0 2,72 20 773 Ranai 0 0 0 0 0 0 0 21 776 Dabo Singkep 0 0 0 0 0 0 0 0 22 777 Tj. Balai Karimun 0 0 0 0 0 0 0 0 23 778 Batam Sekupang 736 0 0 3,283 0 0 3,28					0	1, 167	0	0		1, 167
20 773 Ranai 0 0 0 0 0 21 776 Dabo Singkep 0 0 0 0 0 0 22 777 Tj. Balai Karimua 0 0 0 0 0 0 23 778 Batam Sekupang 736 0 0 3,283 0 0 3,283				649	0	2, 727	0	0	<u> </u>	2, 727
21 776 Dabo Singkep 0 0 0 0 0 0 22 777 Tj. Balai Karimun 0 0 0 0 0 0 0 23 778 Batam Sekupang 736 0 0 3,283 0 0 3,28				0		0				0
22 777 Tj. Balai Karimun 0 0 0 0 0 0 23 778 Batam Sekupang 736 0 0 3,283 0 0 3,28			Dabo Singkep	. 0	0	0		0		0
23 778 Batam Sekupang 736 0 0 3,283 0 0 3,28				0	0	0				0
				736	0	0	3, 283	0		3, 283
				1,453	0	0	0	0 -	5, 980	5, 980

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		WITEL II TO	JAT(8, 927	0	26, 542	5, 328	9, 339	5, 980	47, 189
			.]					1		

COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL 111)

U	n	í	t	:	US	\$ ٦,	00	0

3 713 Prabu Mulih 294 0 0 0 0 0 0 0 0 0	98/99 (9) (\$) 8 0	Total (10) (\$)
Company Comp	(\$)	
1 711 Palembang Centrum 3 0 0 0 33 2 712 Kayu Agung 326 0 0 1,953 3 713 Prabu Mulih 294 0 0 0 4 714 Sekaya 98 0 853 0 5 717 Pangkal Pinang 1,279 0 0 6,169 6 718 Tanjung Pandan 364 0 1,628 0 7 721 Tj. Karang Centrum 105 0 0 0 61 8 722 Kota Agung 93 0 0 1,096 0 0 9 723 Liwa 174 0 0 0 0 0 10 724 Kota Bumi 116 0 0 0 0 0 11 725 Metro 564 0 0 4,063 0	8 0	
2 712 Kayu Agung 326 0 0 1,953 3 713 Prabu Mulih 294 0 0 0 4 714 Sekaya 98 0 853 0 5 717 Pangkal Pinang 1,279 0 0 6,169 6 718 Tanjung Pandan 364 0 1,628 0 7 721 Tj. Karang Centrum 105 0 0 0 61 8 722 Kota Agung 93 0 0 1,096 9 723 Liwa 174 0 0 0 10 724 Kota Bumi 116 0 0 0 11 725 Metro 564 0 0 4,063		338
3 713 Prabu Mulib 294 0 0 0 4 714 Sekaya 98 0 853 0 5 717 Pangkal Pinang 1,279 0 0 6,169 6 718 Tanjung Pandan 364 0 1,628 0 7 721 Tj. Karang Centrum 105 0 0 0 61 8 722 Kota Agung 93 0 0 1,096 9 723 Liwa 174 0 0 0 10 724 Kota Bumi 116 0 0 0 11 725 Metro 564 0 0 4,063	0 0	1,953
4 714 Sekaya 98 0 853 0 5 717 Pangkal Pinang 1,279 0 0 6,169 6 718 Tanjung Pandan 364 0 1,628 0 7 721 Tj. Karang Centrum 105 0 0 0 61 8 722 Kota Agung 93 0 0 1,096 9 723 Liwa 174 0 0 0 10 724 Kota Bumi 116 0 0 0 11 725 Metro 564 0 0 4,063	0 1, 260	1, 260
5 717 Pangkal Pinang 1,279 0 0 6,169 6 718 Tanjung Pandan 364 0 1,628 0 7 721 Tj. Karang Centrum 105 0 0 0 61 8 722 Kota Agung 93 0 0 1,096 9 723 Liwa 174 0 0 0 10 724 Kota Bumi 116 0 0 0 11 725 Metro 564 0 0 4,063	0 0	853
6 718 Tanjung Pandan 364 0 1,628 0 7 721 Tj. Karang Centrum 105 0 0 0 61 8 722 Kota Agung 93 0 0 1,096 9 723 Liwa 174 0 0 0 10 724 Kota Bumi 116 0 0 0 11 725 Metro 564 0 0 4,063	0 0	6, 169
7 721 Tj. Karang Centrum 105 0 0 0 61 8 722 Kota Agung 93 0 0 1,096 9 723 Liwa 174 0 0 0 10 724 Kota Bumi 116 0 0 0 11 725 Metro 564 0 0 4,063	0 0	1,628
8 722 Kota Agung 93 0 0 1,096 9 723 Liwa 174 0 0 0 10 724 Kota Bumi 116 0 0 0 11 725 Metro 564 0 0 4,063	7 0	617
.9 723 Liwa 174 0 0 0 10 724 Kota Bumi 116 0 0 0 11 725 Metro 564 0 0 4,063	0 0	1,096
10 724 Kota Bumi 116 0 0 0 11 725 Metro 564 0 0 4,063	0 1,762	1,762
11 725 Metro 564 0 0 4,063	0 1,109	1, 109
	0 0	4,063
1 to 1 to 1 to 1 to 1	0 789	789
13 731 Lahat 1,349 0 457 1,393 4,29	6 0	6, 146
	0 0	3, 949
15 733 Lubuk Linggau 91 0 912 0 50	3 0	1, 415
	0 0	2, 134
	0 0	4,778
<u> </u>	0 1,063	1,063
	0 1,088	1,088
}	0 0	770
	0 1,340	2, 355
	0 359	4, 157
	0 0	829
	0 0	662
	0 0	1,063
 	0 0	844
	0 0	731

	WITEL III	TOTAL	8, 458	0	23, 781	15, 316	5, 754	8, 770	53, 621

COST ESTIMATED FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL V)

** * .	US\$	•	A A A
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No.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
			(SSP)	(\$)	(\$)	(\$)	(\$)	(1)	(\$)
l	22	Bandung Centrum	0	0	0	0	0	0	0
2	231	Cirebon Centrum	78	0	0	898	0	0	898
3	232	Kuningan	: 84	0	546	0		0	546
4	233	Majalengka	4.3	0	406	0		0	406
5	234	Indramayu	78	0	0	525	0	0	525
-6	251	Bogor	507	0	0	2, 504	0	0	2, 504
7	252	Rangasbitung	: 86	0	1,072	0		0	1,072
8	253	Padeglang	204	0	0	0	1,869	0	1,869
9	254	Serang	86	0	841	0	687	0	1,528
10	255	Sindang Laya	0	0	0	0	0	0	0
. 11	261	Sumedang	108	0	627	0		0	627
12	262	Garut	63	0	0	0	1, 429	0	1,429
13	263	Cianjur	82	0	0	1, 285	0	0_	1, 285
14	264	Purwakarta	221	0	2, 232	0	0	. 0	2, 232
15	265	Tasikmalaya	284	0	3, 967	0	0	0	3, 967
16	266	Sukabumi	222	. 0_	0	0	2,055	0_	2, 055
17	267	Karawang	30	0	494	0	331	0	825
18	269	Pameungpeuk	. 5	0	413	0		0	413

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							2.0			
ı	WITEL V	TOTAL	2, 181	0	10, 598	5, 212	5, 371	0	22, 181	i
ŀ				-		,	0.0			

COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL VI)

		Unit : US\$ 1,000												
NO.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)					
			(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)					
1	24	Semarang Johor	73	0	0	. 0	898	0	898					
2	271	Soro I (Gladak)	2, 254	0	10,588	0	0	0	10,588					
3	272	Klaten	155	0	0	0	1,307	0	1, 307					
. 4	273	Wonogiri	284	0	0	2, 201	0	0	2, 201					
5	274	Yk. Kotabaru	692	0	838	3, 140	0	0	3, 978					
6	275	Purworejo	66	0	744	0	. 0	. 0	744					
1	276	Boyolali	112	0	0	0	641	0	641					
8	281	Purwokerto	612	0	4,515	0	0	0	4,515					
ç	282	Cilacap	77	0	0	0	1, 223	0	1, 223					
10	283	Tegal Selatan	6.5	0	1,091	0	0	. 0	1,091					
.11	284	Pemalang	0		0	0	0	376	376					
12	285	Pekalongan (Timur)	33	0	1, 164	0	0	0	1, 164					
13	286	Wonosobo	390	0	539	0	1,892	: 0	2, 431					
14	287	Kebumen	46	0	0	0	1,679	0	1,679					
15	291	Kudus	188	0	0	0	899	0	899					
16	292	Purwodadi Grobogan	0	0	0	0	0	0	0					
17	293	Magelang	5 2	0	0	0	359	338	697					
18	294	Kendal	50	0	430	0	0	0	430					
19	295	Pati	409	0	3, 147	0	0	0	3, 147					
20	296	Blora	317	0	2, 3 3	0	0	0	2, 313					
21	298	Salatiga	0	0	3, 417	0	0	564	3, 981					

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1 1	WITEL	VΙ	TOTAL	5, 875	. 0	28, 786	3, 341	8, 898	1, 278	44, 303
							i			

COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL VII)

			*					<u> Unit: US</u>	\$ 1,000
NO.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
			(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
]	31	SBY Kapasan	490	0	0	3, 031	0	0	3,031
2	321	Mojokerto	255	. 0	2, 415	0	0	0	2,415
3	322	Lamongan	361	0	1, 281	0	0	0	1, 281
4	323	Sampang	165	0	0	0	0	1,796	1,796
5	324	Pamekasan	135	0	0	0	1, 304	0	1, 304
6	328	Sumenep	219	0	0	. 0	1,005	0	1,005
7	331	Jember	0	0	0	0	0	0	. 0
8	332	Bondowoso	68	0	491	0	0	0_	491
9	333	Banyuwangi	165	0	. 0	0	1,602	0	1,602
10	334	Lumajang	133	0	0	0	0	972	972
11	335	Probolinggo	110	. 0	0	0	894	0	894
12	336	Besuki	21	0	. 0	331	0	0	331
13	338	Situbondo	758	0	3, 753	0	0	0	3, 753
14	341	Malang Klojen	123	0	938	0	0	0	938
15	342	Blitar	140	0	0_	1,777	0	0	1,777
16	343	Pasuruan	377	0	0	0	1,801	: 0	1,801
17	351	Madiun	552	0	0	3, 176	0	0	3, 176
18	352	Ponorogo	198	0	0	0	933	0	933
19	353	Bojonegoro	198	0	1, 973	0	0	0	1,973
20	354	Kediri	1, 279	0	1,619	0	0	4, 977	6, 596
21	355	Tulung Agung	206	0	0	0	2, 259	0	2, 259
22	356	Tubun	302	0	2, 196	0	0	0	2, 196
23	357	Pacitan	150	0	0	1,355	0	0	1, 355
2.4	358	Naganjuk	231	0	1,045	0	0	0	1,045
	l							<u></u>	

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	WITEL VII	TOTAL	6, 636	0	15, 711	9, 670	9, 798	7, 745	42, 924	ĺ
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COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL VIII)

Unit : US\$ 1,	000	
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		and the second second						Unit : US:	1,000
NO.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4) (SSP)	(5) (\$)	(6) (\$)	(7) (\$)	(8)	(9) (\$)	(10)
1	361	Denpasar Kaliasen	295	78/	1, 523	0	0	<u> </u>	1, 523
2	362	Singaraja	174	. 0	1, 020	1, 112	0	0	1, 112
3	363	Amlapura	132	0	0	709	0	0	709
4	364	Mataram	143	<u>0</u>	0	1,006	0	i o	1,006
5	365	Negara	47	0	420	0	0	0	420
6	366	Klungkung	317	0	0	0	1,598	0	1,598
7	367	Selong	111	0	637	0	0	0	637
8	371	Sumbawa Besar	52	0	0	437	0	0	437
9	372	Alas	14	0	308	0	. 0	0	308
10	373	Dompu	15	0	0	0	311	0	311
11	374	Bima	61	0	0	0	467	0	467
12	377	Vikeke (Viqueque)	75	0	515	0	0	0	515
13	381	Ende	24	0	692	0	0	0	692
14	382	Maumere	43	0	0	796	0	0	796
15	383	Larantuka	58	0	1, 237	0	0	0	1, 237
16	384	Bajawa	85	0	1,069	0	0 -	.0	1,069
17	385	Ruteng	91	0	1, 154	0	0	. 0	1, 154
8	386	Waingapu (Pandawa)	142	0	1, 198	0	0	0	1, 198
19	387	Waikabubak	55	0	447	0	0	0	447
20	390	Dilli	371	0	0	4,006	: 0	0	4,006
21	391	Kupang	690	0	0	0	2, 736	0	2, 736
22	392	SOE	45	0	413	0	0	0	413
23	393	Kefamenshu	66	. 0	484	0	0	0	484
24	394	Atambua	143	0	1,006	0	0	. 0	1,006
25	395	BAA (Timur)	34	0	635	0.	0	0	635
26	397	Kalabahi	90	0	566	0	0	. 0	566
27	398	Ermera	39	0	393	0	0	0	393
28	399	Baucau	97	0	850	0	C	0	850
			:						

	WITEL VIII TOTAL	3, 509	0	13, 547	8,066	5, 112	0	26, 725
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COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL IX)

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								Unit: US	1,000
No.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3-7	3		(SSP)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1	511	Banjarmasin Kota	398	0	3, 759	0	0	0	3, 759
2	512	Pleihari	251	0_	0	0	1,568	0	1,568
3	513	Kuala Kapuas	325	0	0	0	2, 925	0	2, 925
4	514	Palangkaraya	458	0	0	1, 817	0	0	1,817
5	515	Buntok	132	0	1, 164	0	0	0	1, 164
6	516	Tanjung Tabalong	43	0	0	0	861	0	861
7	517	Kandangan	641	0	0	5, 495	0	0	5, 495
8	518	Kota Baru	488	0	0	0	2, 374	0	2, 374
9	519	Muara Teweh	22	0	660	0	0	0	660
10	531	Sampit	494	0	4,019	0	0	0	4,019
11	532	Pangkalan Bun	373	0	0	0	2, 113	0	2, 113
12	534	Ketapang	144	0.	0	1,405	00	0	1,405
13	535	Sukadana Kalimantan	97	0	915	0	0	.0	915
14	537	Kuala Kurun	2.8	0	745	: 0.	. 0 .	0	745
15	538	Puruk Cau	37	()	776	0	. 0	0	776
16	541	Samarinda	111	0	1,417	0	0	0	1,417
17	542	Balikpapan	0	0	0	0	0	0	0
18	543	Tanah Grogot	163	0	1, 399	0	0	0	1, 399
19	544	Tanjung Redep	31	0	820	0	0	0	820
20	545	Malak (Longiram)	70	0	1,083	0	0	0	1,083
21	548	Bontang	822	0	Û	3, 445	0	0	3, 445
22	551	Tarakan	176	0	988	0	0	0	988
23:	552	Tanjung Selor	30	0	427	0	0	0	427
24	553	Malinau	53	0	895	C	0	0	895
25	556	Sambas	227	0	0_	0	0	1, 357	1, 357
26	561	Pontianak l	481	0	0	3, 260	0	0	3, 260
27	562	Singkawang	513	0	0	0	1, 205	1,839	3, 044
27	563	Ngabang	0	0	0	0	0	0	0
28	564	Sanggau	238	0	2, 760	0	0	0	2,760
29	565	Sintang	53	0	830	0	0	0	830
30	567	Putusibau	143	0	1,526	0	0	0	1, 526
31	568	Nangapinoh	83	0	0	0	1, 192	00	1, 192
			1			I	1		I

	WITEL IX TOTAL	7, 125	0	24, 183	15, 422	12, 238	3, 196	55, 039
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COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL X)

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		WITEL X	TOTAL	4, 739	0	27, 843	6, 305	0	6, 177	40, 325	

COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL XI)

Un	i	t	:	US\$	-1,	, 000

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NO.	Area Code	Exchange Name	Supply Plan	94/95	95/96	96/97	97/98	98/99	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(10)
			(SSP)	(\$)	(\$)	(\$)	(\$)	· (\$)	(\$)
1	910	Banda Neira	0	0	0	0	0	0	0
2	911	Ambon Centrum	26	0	0	0	. 0	348	348
3	913	Namlea	227	0	1, 292	0	0	0	1, 292
4	914	Masohi	525	. 0	0	2, 305	0.	0	2,305
5	916	Tual	8	0	0	0	0	468	468
6	917	Dobo	79	0	529	0	0	0	529
7	918	Saumlaki	8	0	.0	468	0	0	468
8	920	Soa Siu	116	. 0	0	0	0	654	654
g	921	Ternate	16	0	0	314	0	: . 0	314
10	922	Jaiololo	113	0	0	644	0	0.1	644
11	924	Tobelo	762	0	0	0	0	4, 411	4, 411
12	925	Weda	89	0	0_	563	0	0	563
13	927	Labuha	47	0	420	0	0	0	420
14	929	Sahana	0	0	. 0	0	0	0	.0

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		WITEL XI TOTAL	2,016	0	2, 241	4, 294	0	5, 881	12, 416
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COST ESTIMATION FOR DIGITAL MAS SYSTEM (BY AREAS) (WITEL XII)

Unit: US\$ 1,000 No. Area Exchange Name Supply Code 94/95 95/96 96/97 97/98 98/99 Total Plan (1) (2) (3) (7) (8) (8) (10)(6) (4) (5) (\$) (\$) (1) (\$) (SSP) (1) (\$) 1 951 Sorong 0 0 0 5, 116 0 5, 116 1,065 1, 372 2 1, 372 0 0 0 956 Fak-Fak 327 0 3 0 0 515 515 957 Kaimana 0 75 0 0 0 0 355 961 Biak 4 28 0 355 0 0 1, 933 0 5 962 Manokwari 339 0 1,933 884 0. 0 б 963 Serui 107 0 342 542 1, 467 7 964 Nabire 0 Ŋ 1, 467 0 0 183 0 0 433 0 0 433 8 966 Sarmi 51 0 0 4,606 Jayapura 0 4,606 g 967 915 0 2, 519 2,519 0 10 969 Wamena 416 Û 0 0 0 0 2, 187 2, 187 0 11 971 Merauke 414 Û 0 0 529 12 975 Tanah Merah 79 0 529 0 1, 124 1, 124 13 979 Timika 254 0 0 0 0

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WITEL XII TOTAL	4, 253	0	11.834	7.048	3.643	515	23,040
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