

供与機材リスト

LIST OF EQUIPMENT SENDED BY JICA TO CISMID

LIST No. 1 : OFFICIAL USE

DATE	No NUMBER OR.OBJECT	DESCRIPTION	MADE BY	MODEL	QTY	COMMENTS	UBICATION
86/10/14	1 1	PERSONAL WORD PROCESSOR	FUJITSU	OASYS LIGHT	1	KANEKO	KOBAYASHI
86/10/14	1 2	PRINTER	FUJITSU		1	KANEKO	KOBAYASHI
86/10/14	1 3	FLOPPY DISK DRIVE	FUJITSU		1	KANEKO	KOBAYASHI
86/10/14	1 5	CARRYING CASE	FUJITSU		1	KANEKO	KOBAYASHI
86/10/14	1 6	AC ADAPTER	FUJITSU		1	KANEKO	KOBAYASHI
86/10/14	1 7	TRANSFORMER 2A WITH HUSE	FUJITSU		1	KANEKO	KOBAYASHI
88/11/05	36 1	PERSONAL COMPUTER	NEC	PC9801VH21	1	NORISHIMA	KOBAYASHI
88/11/05	36 2	DISPLAY	NEC	PC-KD551K	1	NORISHIMA	KOBAYASHI
88/11/05	36 3	PRINTER	NEC	PCPR102TL21	1	NORISHIMA	KOBAYASHI
88/11/05	36 6	AUTOMATIC VOLTAGE REGULATOR			1	NORISHIMA	KOBAYASHI
88/11/05	36 8	MOUTH		PC-9872L	1	NORISHIMA	KOBAYASHI
89/02/03	40 1	WORD PROCESSOR	CANON	CANOWORD4000	1		FUKUOTO
89/02/03	40 2	PRINTER		CW-TP40	1		FUKUOTO
89/02/03	40 3	IMAGE READER		CW-1HO2A	1		FUKUOTO
89/02/03	40 4	FONT CARD		CW-GC-14	1		FUKUOTO
89/02/03	40 5	FONT CARD		CW-GC-12	1		FUKUOTO
89/02/03	40 13	TRANSFORMER		SE-100	1		FUKUOTO
89/04/13	48 2.4	TRANSFORMER		SE-300	2	FUKUOTO	FUKUOTO
89/04/16	49 1	PRINTER	EPSON	YP-1000-PO	1		ISHIYAMA
89/04/16	49 2	CUT SHEET FEEDER	EPSON	YP-1000SF	1		ISHIYAMA
89/04/16	49 4	DISK DRIVE	LOGITEC	LFD392P	1		ISHIYAMA
89/04/16	49 5	INTERFACE BOARD & CABLE	LOGITEC	LFA15	1		ISHIYAMA
89/04/16	49 6	SOFT		SW CONW 1.0	1		ISHIYAMA
89/04/16	49 7	WORD PROCESSOR	SANYO	SWP-340	1		ISHIYAMA
89/04/16	49 8	ROM CARD	SANYO	SWP-340FG	1		ISHIYAMA
89/04/16	49 9	ROM CARD	SANYO	SWP-340ES	1		ISHIYAMA
89/04/16	49 10	ROM CARD	SANYO	SWP-340AT	1		ISHIYAMA
89/04/16	49 16	CALCULATOR	CASIO	FX911N	30		ISHIYAMA
89/04/16	49 17	IMAGE SCANNER	SANYO	SWP-HSC5	1		ISHIYAMA
89/08/09	54 1	PERSONAL COMPUTER displ,printer etc	NEC	PC-9801UH11	1	KUMAGAI'S PRIVATE EQUIPMENT	KUMAGAI
89/08/09	54 5	COPYING PRESS		FC-5	1	KUMAGAI'S PRIVATE EQUIPMENT	KUMAGAI
89/08/25	55 1	COPY MACHINE		SD-100 (OZAL)	1	TANAHASHI	TANAHASHI
89/08/25	55 2	TRANSFORMER			1	TANAHASHI	TANAHASHI
89/08/25	55 13	TYPE WRITER		AX-45	1	TANAHASHI	TANAHASHI
89/08/25	55 14	TRANSFORMER			1	TANAHASHI	TANAHASHI
90/02/23	62 1	PERSONAL COMPUTER	NEC	PC9801LV21	1		KOBAYASHI
90/02/23	62 2	PRINTER	NEC	PCPR201G	1		KOBAYASHI
90/02/23	62 3	FLOPPY DISK UNIT	NEC	PC9831MF2	1		KOBAYASHI
90/02/23	62 4	CABLE	NEC	PC9801LV15	1		KOBAYASHI
90/02/23	62 5	TRANSFORMER	VOLTAC	YN5	1		KOBAYASHI
90/02/23	62 6	POWER SUPPLY	DEFENSA JR	UPSS10PC	1		KOBAYASHI
90/02/23	62 7	FLOPPY DISK		MF2HD(100/BX	1	10 PCS/BOX	KOBAYASHI
90/02/26	63 1	SLIDE PROJECTOR		E2	1		KUMAGAI
90/02/26	63 2	TRANSFORMER		200AE	1		KUMAGAI
90/02/26	63 7	CALCULATOR	SHARP	CS-4780	1		KUMAGAI
90/02/26	63 7.1	TRANSFORMER		SE-100	1		KUMAGAI
90/02/26	63 10	CAMERA	ALCADIA	2009	1		KUMAGAI
90/02/26	63 13	BATTERY		CR-123A	10		KUMAGAI
90/02/26	63 14	CAHERA LENS		55MM/H-F2.8	1		KUMAGAI
90/02/26	63 15	SPARE LAMP		JCD/300WL	5		KUMAGAI

DATE	No NUMBER DR.OBJECT	DESCRIPTION	MADE BY	MODEL	QTY	COMMENTS	UBTICATION
90/02/26	63 22	TENKEY BOARD	NEC		1		KUMAGAI
90/02/26	63 23	FLOPPY DISK UNIT	NEC		1		KUMAGAI
90/02/26	63 23.1	CONNECTING CABLE	NEC		1		KUMAGAI
90/06/20	66 1	BOLTS		H6, H8, M10	50	US DOLLARS	STRULAB
90/06/20	66 2	NUTS		H6, H8, M10	300	US DOLLARS	STRULAB
90/06/20	66 3	LONG NUTS		H8, M10	100	US DOLLARS	STRULAB
90/06/20	66 4	WASHER		H6, H8, M10	300		STRULAB
90/06/20	66 5	GRIP ANCHOR		H6, M10	200		STRULAB
90/06/20	66 11	DIAMOND DRILL		100 MM	1	MR. ITOGAWA	
90/06/20	66 20	MAGNETIC TAPE		62-673	10	MR. KAHINOSONO	
90/06/20	66 21	POWER SUPPLY		MUK0511	1	MR. KAHINOSONO	
90/06/20	66 26	CUTTER WHEEL 355 MM			10	MR. KAHINOSONO	
90/06/20	66 36	CALCULATOR	SHARP	CS-2140	1	MR. SHIBATA	MISSION
90/07/09	67 1	DISK DRIVE UNIT		PN/4869001	2	MR. MURAKAMI	
90/06/20	67 2	DISK DRIVE ADAPTER		PN/6450245	2	MR. MURAKAMI	
90/06/20	67 3	DISPLAY ADAPTER		PN/1887972	1	MR. MURAKAMI	
90/06/20	67 4	MEMORY UNIT		PN/1807989	1	MR. MURAKAMI	
90/06/20	67 5	HARD DISK		PN/8450377	1	MR. MURAKAMI	STRULAB
90/06/20	67 6	SOFTWARE WORD PERFECT		WP 5.1	1	MR. MURAKAMI	STRULAB
90/06/20	67 6	IBM HOUSE	JAPAN IBM	6450350	2	MR. ITOGAWA	
90/06/20	67 9	HARD DISK FOR PS/2	JAPAN IBM		1	MR. KAHINOSONO	
90/06/20	67 10	DISK DRIVE FOR PS/2	JAPAN IBM		1	MR. KAHINOSONO	
90/07/26	68 1	FILM RECORDER		FR-1000	1	MR. KUMAGAI	KUMAGAI
90/07/26	68 2	CAMERA BAG		CB-35	1	MR. KUMAGAI	KUMAGAI
90/07/26	68 3	POLAROID AUTO FILM		T-339 COLOR	30	MR. KUMAGAI	KUMAGAI
90/07/26	68 5	35 MM SLIDE PRINTING MACHINE			1	MR. KUMAGAI	KUMAGAI
90/07/26	68 7	DISPLAY	NEC	PC-TV454	1	MR. KOBAYASHI	KOBAYASHI
90/07/26	68 8	VIDEO DECK	SONY VHS	SLV-F33	1	MR. KOBAYASHI	KOBAYASHI
90/08/13	69 1	PERSONAL WORD PROCESSOR	ALFA-50	ALFA 50	1	MR. NISHIMURA	NISHIMURA
90/08/13	69 2	8J CARTRIDGE		CW-8C01	1	MR. NISHIMURA	NISHIMURA
90/08/13	69 5	PERSONAL COMPUTER	NEC	PC-9801EX-4	1	MR. NISHIMURA	NISHIMURA
90/08/13	69 6	14" COLOR DISPLAY	NEC	PC-KD853N	1	MR. NISHIMURA	NISHIMURA
90/08/13	69 7	PRINTER	NEC	PC-PR201G	1	MR. NISHIMURA	NISHIMURA
90/08/13	69 8	GP-1B INTERFACE BOARD	NEC	PC-9801-29N	1	MR. NISHIMURA	NISHIMURA
90/08/13	69 9	HANDY COPY		CP-100	1	MR. NISHIMURA	NISHIMURA

携行機材—既寄贈（大半は専門家が個人的に使用中）

LIST OF EQUIPMENT SENDE BY JICA TO CISMID

LIST Nr. 2 : DONATION FOR OFFICIAL USE

DATE	No NUMBER OR.OBJECT	DESCRIPTION	MADE BY	MODEL	QTY	COMMENTS	UBICATION
87/03/14	2 2	IMAGE SCANNER	NEC	PC IN 501	1 ENDO		KUMAGAI
87/03/14	2 3	PRINTER	NEC	PC PR 101 TL	1 ENDO		ROBAYASHI
87/03/14	2 4	MOUSE	NEC	PC 8872	1 ENDO		
87/03/14	2 5	TRANSFORMER			1 ENDO		
87/03/14	2 6	PLUG SET			1 ENDO		
87/03/14	2 8	SHEET FEEDER	NEC	PCPR 101 TL	1 ENDO		
87/03/14	2 9	SHEET SET		PC-PR201 T31	3 3 JUEGOS		
87/03/14	2 10	SOFTWARE FOR COLOR PRINT		PALETT	1		
87/03/14	2 11	WORD PROCESSOR (ENGLISH)			1		
87/03/14	2 12	WORD PROCESSOR (JAPANESE)			1		
87/03/14	2 13	SPREADSHEET INTEGRATED SOFTWARE			1		
87/03/14	2 14	TRANSCEIVER		C111	1		
87/03/14	2 15	BATTERY PACK		CNB 111	2 2 PAQUETES		
87/03/14	2 16	AC CHARGER		C10/120-1	2 2 JUEGOS		
87/03/14	2 17	MOBIL CHARGER		CH01	2 2 JUEGOS		
87/03/14	2 18	MOBIL BRACKET		CHB 111	2 2 JUEGOS		
87/03/14	2 19	MIC & SPEAKER		CHP 111	2 2 JUEGOS		ADMINIST?
87/03/14	2 20	SOFT CASE		CLC 311	2 2 JUEGOS		
87/03/14	2 21	ALL WAVE RADIO	SONY	ICF 76600	1		ISHIYAMA
87/03/14	2 23	PERSONAL COMPUTER	NEC	8801 FH/30	1		
87/03/14	2 24	COLOR DISPLAY	NEC	PC-TV352	1		
87/03/14	2 25	DATA RECORDER	NEC	PC-DR-312	1		
87/03/14	2 26	VIDEO CASSETTE RECORDER	SONY	SL-800 KE	1		
87/03/29	3 1	PERSONAL COMPUTER	NEC	PC 9801VH21	1 ENDO		
87/03/29	3 2	DISPLAY	NEC	PCXD 853	1 ENDO		
87/03/29	3 3	PRINTER JAPANESE	NEC	PCPR 201NEC	1 ENDO		
87/03/29	3 4	SHEET FEEDER	NEC	PCPR 201NEC	1 ENDO		
87/03/29	3 5	INK RIBBON	NEC	PCPR 201-01	2 ENDO		
87/03/29	3 7	PRINTER EXCHARGER		UBM-SW23X	1 ENDO		
87/03/29	3 8	EXTENDING CABLE	NEC	PC8894	1 ENDO		
87/03/29	3 9	PERSONAL CONTENT		DK 262	1 ENDO		
87/03/29	3 10	TRANSFORMER		2KAV	1 ENDO		
87/03/29	3 11	SOFTWARE		ICHTARO	1 ENDO		
87/03/29	3 12	SOFTWARE		WORDSTAR	1 ENDO		
87/03/29	3 13	CAMERA	MINOLTA	ALFA 7000	1 ENDO		
87/03/29	3 14	ZOOM LENS	MINOLTA	AF35-70 F4	1 ZOOM VER ORDEN 28 #12		
87/03/29	3 15	CAMERA CASE	MINOLTA	CH70	1 VER ORDEN 28 # 12		
87/04/27	4 1	STATION WAGON	TOYOTA 87	CORONA DX.SW	1 PRECIO EN INTIS. MOTOR 2S-0573269		MISSION
87/09/01	6 1	POCKET COMPUTER	CASIO	DB1000	1 ANDO		
87/09/01	6 2	MACINTOSH PERSONAL COMPUTER	APPLE	PLUS JJ2503	1 ANDO		PLANNING
87/09/01	6 3	IMAGE WRITER II PRINTER	APPLE MAC	JJ0320	1 ANDO		PLANNING
87/09/01	6 4	SYSTEM PERIPHERAL 8 CABLE			1 ANDO		PLANNING
87/09/01	6 5	IMAGE WRITER II CUT FEEDER	APPLE MAC		1 ANDO		PLANNING
87/09/01	6 6	MAC OUTER DISC 800 K	APPLE		1 ANDO		PLANNING
87/09/01	6 7	A.V.R. IKVA			1 ANDO		PLANNING
88/02/14	18 1	COLOR COPY BOARD	NEC	PC PR20/TL12	1 TANAJASHI		
88/02/14	18 2	CABLE	NEC	PC CA601	1 TANAJASHI		
88/02/14	18 3	PRINTER INK FACE CABLE	NEC	FOR PC PR20	1 TANAJASHI		
11/11/14	18 4	LETTER GUIDE	NEC	PR20/V08	1 TANAJASHI		
88/08/15	31 1	PRINTER		FP-100	1 ANDO		
88/08/15	31 2	FLOPPY DISK DRIVE		HD-100	1 ANDO		
88/08/15	31 3	RAM PACK		RP-32	1 ANDO		
88/08/15	31 4	PRINTER CABLE		SB-51	1 ANDO		
88/08/15	31 8	MINI TAPE RECORDER		TCH-23V	1 ANDO		
88/08/15	31 9	AC ADAPTER		AC-D2H	1 ANDO		
88/08/15	31 11	MINI COPY MACHINE		FC-5	1 ANDO		
88/08/15	31 13	LENS CAP			1 ANDO		
88/08/15	31 14	SOFTWARE		PC-FORTRAN	1 ANDO		
88/08/15	31 15	SOFTWARE		MC-FORTRAN	1 ANDO		
88/08/15	31 16	SLIDE PROJECTOR			1 ANDO		

DATE	No NUMBER OR.OBJECT	DESCRIPTION	MADE BY	MODEL	QTY	COMMENTS	UBICATION
88/08/15	31 17	CASE FOR SLIDE PROJECTOR #16			1	ANDO	
88/08/15	31 18	LAMP			1	ANDO	
89/06/17	51 1	PERSONAL COMPUTER	NEC	PC-9801VHLL	1		FUKUOTO
89/06/17	51 2	DISPLAY	NEC	PC-KB855	1		FUKUOTO
89/06/17	51 3	PRINTER	NEC	PC-PR201G	1		FUKUOTO
89/06/17	51 6	TRANSFORMER		AYR	1	220V-100V 1KVA	FUKUOTO
89/06/17	51 7	HY PROT			1		FUKUOTO
89/06/17	51 10	CONNECTING CABLE		CA0045	1		FUKUOTO
89/07/15	52 1	PERSONAL COMPUTER	NEC	PC9801LV22	1		KUMAGAI
89/07/15	52 2	TRANSFORMER		AE-200	1		KUMAGAI
89/07/15	52 23	LINER BOARD	HITOH	US-09	1		KUMAGAI
89/08/28	56 1	WORD PROCESSOR	CANON	CANONWARD4100	1	YAMANAKA	FUKUOTO
89/08/28	56 2	PRINTER	CANON	CW-TP41	1	YAMANAKA	FUKUOTO
89/08/28	56 8	IMAGE READER	CANON	CW-IM02A2	1	YAMANAKA	KOBAYASHI
89/08/28	56 9	CAMERA	POLAROID		1	YAMANAKA	KOBAYASHI
89/08/28	56 11	TRANSFORMER		SE-100	1	YAMANAKA	KOBAYASHI
89/08/28	56 14	COLOR DISPLAY		PC-TV455	1		KUMAGAI
89/08/28	56 17	PRINTER BUFFER		XE-1000	1		KUMAGAI
89/08/28	56 18	CABLE		VHC-928KMS	1		KUMAGAI
89/08/28	56 19	TRANSFORMER		KD-1000	1		KUMAGAI
89/08/28	56 20	TRANSFORMER		KD-1500	1		KUMAGAI
89/08/28	56 23	POWER SUPPLY		UK0511	1		KUMAGAI
89/08/28	56 24	VIDEO DECK	SONY	SL-HF95D	1		KUMAGAI
89/08/28	56 25	PRINTER		VP-1000PC	1		KUMAGAI
89/08/28	56 26	SHEET FEEDER		VP-1000CSF	1		KUMAGAI
89/10/30	58 1	FACSIMILE	NEC	SPEAX 2	1		ISHIYAMA
89/10/30	58 11	CODE REAL		HDB	5		
89/10/30	58 17	TRANSFORMER			1	220V/100 1A	
89/12/02	60 1	COPY MACHINE	CANON	PC7	1		KOBAYASHI
89/12/02	60 2	TRANSFORMER			1	220 / 100V 15 A	KOBAYASHI
89/12/02	60 4	VIDEO CAMERA 8CM	SONY	CCD-V900	1		
89/12/02	60 6	BATTERY PACK	SONY	NP77H	1		
89/12/02	60 7	HARD DISK		SR40	1		
89/12/02	60 8	TESTER		3000-01	3		
89/12/02	60 9	AC ADAPTER		AC-0468	1		
89/12/02	60 10	NI-CD BATTERY CHARGER		BC-123	3		
89/12/02	60 11	TRANSFORMER			1	220/100V 6A	

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LIST OF EQUIPMENT SENTED BY JICA TO CISMID

LIST Nr. 3 : DONATIONS

DATE	No NUMBER OR.OBJECT	DESCRIPTION	MADE BY	MODEL	QTY	COMMENTS	UBICATION
87/10/01	10 3-VI 11	UNIVERSAL TRANSFORMER	ATS		1		
87/09/01	8 1	ACCHARUKI			1		
87/10/01	10 1- 1	CAMERA	CANON	T-50	2	WITH CASE	
87/10/01	10 1- 2	COMPACT ZOOM LENS	CANON	FD35-70mm	1	F3.5-4.5	
87/10/01	10 1- 3	WIDE ANGLE LENS	CANON	FD28mm	1	F2.8	
87/10/01	10 1- 4	STANDARD LENS	CANON	FD50-200mm	1	F1.4	
87/10/01	10 1- 5	LENS	CANON	FD75-200mm	1	WITH LENS CASE LH-616	
87/10/01	10 1- 6	LENS	CANON	FD100-300mm	1	WITH LENS CASE LH-C21	
87/10/01	10 1- 7	MACRO LENS	CANON	FD50mm	1	F3.5	
87/10/01	10 1- 8	SPEED LIGHT	CANON	277T	2	WITH BATTERY	
87/10/01	10 1- 9	METAL CASE	HANZA	PRO1000	2		
87/10/01	10 1-10	COPY STAND		LPL CS-3	1		
87/10/01	10 1-11	COPY LIGHT		LPL CL-2	1	WITH LAMP & TRANSFORMER	
87/10/01	10 1-12	COPY LAMP		LPL CL-2	4	100V 150W	
87/10/01	10 1-13	ANTI NEWTON GLASS			2		
87/10/01	10 3-Y	POWER SUPPLY			1	220V 100V 20A	
87/10/01	10 3-VI 8	BRACKET			2	CONSUMABLE GOODS FOR OFFSET PRINTIN MACH	
87/10/01	10 3-VI 12	PLUG			1	7PCS/SET	
87/10/01	10 6-1	BINOCULAR	NIKKON	ZOONB6	1	16x40CF	
87/10/01	10 6-2	BINOCULAR	NIKKON	IF-RC	2	8x300	
87/10/01	10 6-3	BINOCULAR	NIKKON		1	8x20DCF	
87/10/01	10 6-4	BINOCULAR	NIKKON		1	10x25CF	
87/10/01	10 7-1	CAMERA	NIKKON	AF-501	1	WITH ZOOM LENS 35-70mm	
87/10/01	10 7-1. 1	LENS AF ZOOM 70 210 mm	NIKKON	CL-35A	1	CAMERA ACCESORIES	
87/10/01	10 7-1. 2	LENS CASE	NIKKON	CL-35A	1	CAMERA ACCESORIES	
87/10/01	10 7-1. 3	SPEED LIGHT	NIKKON	SB-20	1	CAMERA ACCESORIES	
87/10/01	10 7-1. 4	MULTI DETA BAG	NIKKON	KF-19	1	CAMERA ACCESORIES	
87/10/01	10 7-1. 5	CAMERA CASE	NIKKON	CF-35	1	CAMERA ACCESORIES	
87/10/01	10 7-1. 6	FILTER52mm LIBC, 62 mm LIBC	NIKKON		2	CAMERA ACCESORIES	
87/10/01	10 7-1. 7	LENS HOOD 18-2, HN24	NIKKON		2	CAMERA ACCESORIES	
87/10/01	10 7-1. 8	BATTERY & BATTERY CHARGER	SANYO		1	CAMERA ACCESORIES	
87/10/01	10 7-1. 9	TRIPOD	BELBON	SX-601	1	CAMERA ACCESORIES	
87/10/01	10 7-1.10	CARRYING CASE	NIKKON	FB-11A	1	CAMERA ACCESORIES	
87/10/01	10 7-2.	CAMERA	NIKKON	FG-20 BLACK	2		
87/10/01	10 7-2.1	SPEED LIGHT	NIKKON	SB-15	2	CAMERA ACCESORIES	
87/10/01	10 7-2.2	TRIPOD	BELBON	SX-601	2	CAMERA ACCESORIES	
87/10/01	10 7-2.3	CAMERA CASE	NIKKON	CF-32	2	CAMERA ACCESORIES	
87/10/01	10 7-2.4	LENS HOOD	NIKKON	HR-4	2	CAMERA ACCESORIES	
87/10/01	10 7-2.5	FILTER	NIKKON	LIBC 52mm	2	CAMERA ACCESORIES	
87/10/01	10 7-2.6	CARRYING CASE	NIKKON	FB-16	2	CAMERA ACCESORIES	
87/10/01	10 7-3	CAMERA	NIKKON	L35TWAD	1		
87/10/01	10 7-4	CAMERA	NIKKON	PIKAIICHILUPO	1	WITH CASE AND STRAP	
87/10/01	10 III 1-12	POWER SUPPLY SYSTEM	SOKKISHA	CDC13, BCD12,	1	CBC15; FOR LIGHT WAVE	
87/10/01	10 III 1-13	PLAIN BOARD SET	SOKKISHA	TAMURA S-2	2		
87/10/01	10 III 1-14	ALIBADE	SOKKISHA	S-16	2		
87/10/01	10 III 1-15	PLANI METER	PLACOM	KP-90	1	DIGITAL PLACOM (ROLLER TYPE)	
87/10/01	10 III 1-16	PLANI METER	PLACOM	KP-92	1	DIGITAL PLACOM (ROLLER TYPE)	
87/10/01	10 III 1-17	CURVI METER		50-583	2	ONE SIDE TYPE	
87/10/01	10 III 1-18	CURVI METER		50-571	2	BOTH SIDE TYPE	
87/10/01	10 III 1-19	MAP MEASURE		50-691	5	BLUE	
87/10/01	10 III 1-20	TAPE MEASURE			2	ENGINEER POCKET 10M	
87/10/01	10 III 1-21	TAPE MEASURE			2	ENGINEER SUPER 30M	
87/10/01	10 III 1-22	TAPE MEASURE			2	ENGINEER SUPER 50M	
87/10/01	10 III 1-25	STRAIGHT RULER	STAINLESS		5	30CM	
87/10/01	10 III 1-26	STRAIGHT RULER	STAINLESS		5	60CM	
87/10/01	10 III 1-27	LOCKER			2	FOR SURVEY TOOLS	
87/10/01	10 III 1-28	PRECISION SCALE	SOKKISHA	SS32	2		
87/10/01	10 III 1-29	ALUMINUM SCALE	SOKKISHA	AS53	2		
87/10/01	10 III 1-30	DIAGONAL EYE PIECE	SOKKISHA	DE12	1		

DATE	No NUMBER OR.OBJECT	DESCRIPTION	MADE BY	MODEL	QTY	COMMENTS	UBICATION
87/10/01	10 III 1-31	SUN FILTER FOR DIAGONAL	SOKKISHA	MA04A	2		
87/10/01	10 III 1-32	PRCSBYOPIA FOR DIAGONAL	SOKKISHA	EP2	2		
87/10/01	10 III 1-33	SUN FILTER FOR DIAGONAL	SOKKISHA	EP2	2		
87/10/01	10 III 1-34	ROUND COMPASS	SOKKISHA	CP4	1		
87/10/01	10 III 1-35	LIGHTING APPARATUS	SOKKISHA	LA4	2		
87/10/01	10 III 1-36	OPTICAL MICROMETER	SOKKISHA	OM3	1		
87/10/01	10 III 1-37	SLOPE SURVEY EQUIPMENT		TRS-21	1		
87/10/01	10 III 1-38	SLOPE SURVEY EQUIPMENT		TRS-22	1		
87/10/01	10 III 1-39	ACCESSORIES FOR SLOPE SURVEY EQUIP.		TRS25	2		
87/10/01	10 III 1-40	HANDY STERO SCOPE		TRS-10	2		
87/10/01	10 III 1-41	ACCESSORIES FOR HANDY STERO SCOPE		TRS-15	2		
88/05/29	25 2.60	TOOL CABINETS	VANLACK	MUI-5	2		
88/05/29	25 3. 92	PORTABLE RACK SYSTEM	NESTAINER	NT-1514	3		
88/05/29	25 4. 17	TOOL BOX	VANLACK	TW-613	4		
88/05/29	25 4. 23	TOOL CASE WAGON	VANLACK	TW-938	2		
88/05/29	25 4. 24.1	HAND TRUCK	VANLACK	TF402	2	SINGLE 400KG	
88/05/29	25 4. 24.2	HAND TRUCK	VANLACK	TF-403	2	DOUBLE 400KG	
88/05/29	25 4. 24.3	HAND TRUCK	VANLACK	NB-105	2	3 STEP TYPE 150KG	
88/05/29	25 4. 25	HAND TRUCK	DANDY	DG-1D	2	1200x750mm 500KG	
88/05/29	25 4. 95	TOOL STAND	VANLACK	MS147A	1	700x550x1400mm	
88/05/29	25 4.128	PRINTER CHAIR KG-190L	PLUS	23-078	1	KG-190L	
88/05/29	25 5.56	2 WHEEL TRUCK	VANLACK	4011	2	1210mm, 250KG	
88/05/29	25 5.57	ALUMINIUM LADDER	KANSAKA	18TL-60	1	6.16m	
88/05/29	25 5.58	ALUMINIUM STEPLADDER	KANSAKA	HM-360	1	3.6 m.	
88/05/29	25 5.90	ONE WHEEL TRUCK	HANSHIN	C-S	3	880x770x155mm NO PUNCTURE	
88/05/29	25 5.91	ONE WHEEL TRUCK	HANSHIN	E-S	3	495x770x270mm NO PUNCTURE	
88/05/29	25 5.97.1	HI-STEP LADDER (STANDARD TYPE)	HASEGAWA	FA-150	1	1500mm	
88/05/29	25 5.97.2	HI-STEP LADDER (HEAVY DUTY TYPE)	HASEGAWA	FAM-300	1	3005mm.	
88/05/29	25 6.50.1	CRUCK ARBOR	HITACHI		1	FOR BENCH DRILLING MACHINE 6.50	
88/05/29	25 6.50.2	DRILL CHUCK	HITACHI		1	FOR BENCH DRILLING MACHINE	
88/05/29	25 6.50.3	DRILL 2-13 Y G-24	HITACHI		1	FOR BENCH DRILLING MACHINE	
88/05/29	25 6.50.4	TOOL BOX	HITACHI		1	6-40mm FOR BENCH DRILLING MACHINE	
88/05/29	25 6.50.4	DRILL-WOODEN WORKING (6-40 MM)	HITACHI		1	6-40mm (PARA 6.50)	
88/05/29	25 7. 1.1	HAND OPER.CHAIN BLCK	ELEPHANT	K-3W	1	3 TON-3 M.	
88/05/29	25 7. 1.2	HAND OPER.CHAIN LOCK	ELEPHANT	K-2W	4	2 TON-3 M.	
88/05/29	25 7. 1.3	HAND OPER.CHAIN LOCK	ELEPHANT	K-1	2	1 TON-2.5 M.	
88/05/29	25 7. 5	SOCKET WRENCH SETS	COLDJAGUAR	CS-340	2		
88/05/29	25 7. 6.1	HEXAG.RACHET SPANNER	NGK	50mm	1	SINGLE ENDED 50mm	
88/05/29	25 7. 6.2	HEXAG.RACHET SPANNER	NGK	55mm	1	SINGLE ENDED 55mm	
88/05/29	25 7. 7	PIPE WRENCH	SUPER TOOL	DT-600	2	26-78mm.	
88/05/29	25 7. 8	TONG WRENCH	SUPER TOOL	ST-1 1/2"	2	17-120mm.	
88/05/29	25 7. 9.1	BOLT CLIPPER	SUPER TOOL	BK-350	2	370mm.	
88/05/29	25 7. 9.2	BOLT CLIPPER	SUPER TOOL	BK-750	2	780mm.	
88/05/29	25 7. 10.1	ADJUSTAB.ANGLE WRENCH		1206	4	150mm.	
88/05/29	25 7. 10.2	ADJUSTAB.ANGLE WRENCH		1224	2	600mm.	
88/05/29	25 7. 11.1	BAHCO TP.SCREW CLAMP		SC-50	12	50mm.	
88/05/29	25 7. 11.2	BAHCO TP.SCREW CLAMP		SC-100	12	100mm.	
88/05/29	25 7. 11.3	BAHCO TP.SCREW CLAMP		SC-150	12	150mm.	
88/05/29	25 7. 11.4	BAHCO TP.SCREW CLAMP		SC-200	12	200mm.	
88/05/29	25 7. 12	WIRE STRIPPER	VESSEL	3000-C	2	0.9 - 5.5mm.	
88/05/29	25 7. 13.1	HAND TAPS		HT2-M3-S	2	M3x0.5 SET	
88/05/29	25 7. 13.2	HAND TAPS		HT2-M4S	1	M4x0.7 SET	
88/05/29	25 7. 13.3	HAND TAPS		HT2-M5S	1	M5x0.8 SET	
88/05/29	25 7. 13.4	HAND TAPS		HT2-M6S	2	M6x1 SET	
88/05/29	25 7. 13.5	HAND TAPS		HT2-M8S	1	M8x1.25 SET	
88/05/29	25 7. 13.6	HAND TAPS		HT2-M10S	2	M10x1.75 SET	
88/05/29	25 7. 13.7	HAND TAPS		HT2-M12S	1	M12x1.75 SET	
88/05/29	25 7. 14.1	ROUND DIES			2	M3x0.5 25mm	
88/05/29	25 7. 14.2	ROUND DIES			1	M4x0.7 25mm	
88/05/29	25 7. 14.3	ROUND DIES			1	M4x0.8 25mm	
88/05/29	25 7. 14.4	ROUND DIES			2	M6x1 25mm	
88/05/29	25 7. 14.5	ROUND DIES			1	M8x1.25 25mm	
88/05/29	25 7. 14.6	ROUND DIES			2	M10x1.5 25mm	
88/05/29	25 7. 14.7	ROUND DIES			1	M12x1.75 38mm	
88/05/29	25 7. 15	TAP WRENCH		TH-6 Y TH-13	1		
88/05/29	25 7. 16	DIES HANDLE		DH-25 Y DH38	1		
88/05/29	25 7. 18.1	OPEN ENDED SPANNER		SW-0608	20	6x8mm	
88/05/29	25 7. 18.2	OPEN ENDED SPANNER		SW-1012	20	10x12mm	
88/05/29	25 7. 18.3	OPEN ENDED SPANNER		SW-2730	20	27x30mm	

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88/05/29	25 7. 18.4	OPEN ENDED SPANNER		SW-3236	20	32x36mm	
88/05/29	25 7. 19.1	PRECISION DRIVER SET		NO 207	2	6PCS/SET	
88/05/29	25 7. 19.2	PRECISION DRIVER SET		NO 206	2	6PCS/SET	
88/05/29	25 7. 20.	HEXAGONEL WRENCH SET		CHWG-212	2	8PCS/SET (2,3,4,5,6,8,10,12mm)	
88/05/29	25 7. 21.	HEXAGONEL WRENCH SET		HS-413	1		
88/05/29	25 7. 22.1	VERNIER CALIPER	HITUTOYO	N-15	4	150mm	
88/05/29	25 7. 22.2	VERNIER CALIPER	HITUTOYO	N-30	4	300mm	
88/05/29	25 7. 26.	LOW-HIGH SYSTEM BASE	YANLACK	LH-30-W	2		
88/05/29	25 7. 27.	ELECTRIC SOLDERING I		SB-80R	2	80W	
88/05/29	25 7. 28.	SAFTY CAP (WHITE)		P451	36		
88/05/29	25 7. 30.	DIGITAL MULTIMETER	HIOKI	3210	4		
88/05/29	25 7. 31.1	TRANSIT WITH TRIPOD	SANPO	3210	1	STAFF 5m 5STEP, P1	
88/05/29	25 7. 31.2	TRANSIT WITH TRIPOD	SANPO	3210	2	POLE 2m 2STEP, MP-2	
88/05/29	25 7. 32.	ALUMINIUM LEVEL	KOD	KOA-30	2	300cm	
88/05/29	25 7. 33.	CONVEX RULE	KDS	WS-5005	4	5m	
88/05/29	25 7. 34.	STEEL TAPE MEASURING	KDS	WR-632	2	30m	
88/05/29	25 7. 35.	GLASS FIBER TAPE MEA	KDS	GR-7301	2	30m	
88/05/29	25 7. 36.	TOOL BOX	TOYO	L-540	4		
88/05/29	25 7. 37.	REED TYPE VISE	GOLD JAGUA	LV100	2		
88/05/29	25 7. 39.	ROTARY BAND SAW	HITACHI	CB-10F	1	WITH SPARE BAND SAW BLADE & TRANSFORMER	
88/05/29	25 7. 40.	ELECTRIC DRILL	HITACHI	BUI-SH3	1	WITH ACCESSORIES	
88/05/29	25 7. 41.	CONCRETE DRILL	HITACHI	V-19	1	WITH ACCESSORIES	
88/05/29	25 7. 42.	ELECTRIC DISK DRILL	HITACHI	G-10SB	1	WITH ACCESSORIES	
88/05/29	25 7. 43.	CIRCULAR SAW WITH BR	HITACHI	C-6BA	1	WITH ACCESSORIES	
88/05/29	25 7. 51.	HIGH-SPEED CUTTING M	HITACHI	CC-14SA	1	WITH ACCESSORIES	
88/05/29	25 7. 54.1	HYDRAULIC JACK	HASADA	MN-3	4	3 TON	
88/05/29	25 7. 54.2	HYDRAULIC JACK	HASADA	MHJ-5C	4	5 TON	
88/05/29	25 7. 59.	OSTER TYPE DIE STOCK	REX	112R (GAS)	2	CONJECT 112RC	
88/05/29	25 7. 61.1	SCALE	YAMATO	B-151	2	150 KG (100g)	
88/05/29	25 7. 61.2	SCALE	YAMATO	P-10	1	10 KG (5g)	
88/05/29	25 7. 63.	WELDING & CUTTINGS KITS	YAMATO	YH-A	2	WITH TORCH (CW-H & CW-L)	
88/05/29	25 7. 84.	SPATTER SHEET	GOLD JAGUA	SPS-R	1	1000mm x 30m	
88/05/29	25 7. 65.	PYROMEX			1		
88/05/29	25 7. 65.1	3 FINGER GLOVE		PYR-T3	2	FOR PYROMEX	
88/05/29	25 7. 65.2	ARM COVER		PYR-UX	2	FOR PYROMEX	
88/05/29	25 7. 65.3	PYROMEX	EPRON	PYR-MK	2	FOR PYROMEX	
88/05/29	25 7. 65.4	FOOT COVER		PYR-AK	2	FROM PYROMEX	
88/05/29	25 7. 67.1	SCALE	YAMATO	P-1	1	1 (.5g)	
88/05/29	25 7. 67.2	SCALE	YAMATO	P-10	1	1Kg (5g)	
88/05/29	25 7. 67.3	SCALE	YAMATO	B-100	1	100Kg (50g)	
88/05/29	25 7. 68.	CONVEX RULE	GOLD JAGUA	AML-3.5	2	3.5m	
88/05/29	25 7. 69.	STEEL MEASURIN TAPE	KDS	WK-621	1	20m	
88/05/29	25 7. 70.1	VERNIER COLIPER			1	ML TYPE 300mm (0.05mm) N30	
88/05/29	25 7. 70.2	VERNIER COLIPER			1	CM TYPE 600mm (0.02mm)CM-60	
88/05/29	25 7. 71.	LEVEL GAUGE WITH MAG	KOD	KLM-45	1		
88/05/29	25 7. 72.	COLOUR PLUMB BOB	KOD	F-030	1	0.3Kg	
88/05/29	25 7. 73.	INDUSTRIAL THERMOMET	SATO	SK-1250	1	WITH SENSOR SK-1250-04	
88/05/29	25 7. 74.	CONCRETE VIBRATOR			1		
88/05/29	25 7. 75.	ELECTRIC DRILL			1	WITH ACCESSORIES	
88/05/29	25 7. 76.	CONCRETE DRILL	HITACHI	V-19	1	CONCRETE DRILL 5-19mm (2.0) step TOOL 80	
88/05/29	25 7. 77.	JIG SNA	HITACHI	CJ-60V	1	WITH TRANSFORMER	
88/05/29	25 7. 79.	TOOL BOX	TOYO	L-540	1		
88/05/29	25 7. 80.1	WORKING JACKET			10	WORKING WEAR	
88/05/29	25 7. 81.	PLASTIC OILER	GOLD JAGUA	TO-500	12	PISTOL TYPE 200cc	
88/05/29	25 7. 82.	THERMOMETER			2	-50 +400 C	
88/05/29	25 7. 83.	SIEVE			1	200mm 60MH 200,325 (EA 1 PC)	
88/05/29	25 7. 84.1	NESS CYLINDER			1	GLASS MADE 1L, 500ML, 250ML (EA 1 PC)	
88/05/29	25 7. 84.2	NESS CYLINDER			1	POLYTHY. MADE 1L, 500ML, 250ML (EA 1 PC)	
88/05/29	25 7. 85.1	ALUMINIUM EVAPORATING			6	1L	
88/05/29	25 7. 85.2	ALUMINIUM EVAPORATING			12	500ML	
88/05/29	25 7. 86.1	WIDE-MOUTH BOTTLE			2	60ML	
88/05/29	25 7. 86.2	WIDE-MOUTH BOTTLE			2	120ML	
88/05/29	25 7. 86.3	WIDE-MOUTH BOTTLE			2	250ML	
88/05/29	25 7. 86.4	WIDE-MOUTH BOTTLE			3	250ML NARROW-MOUTH BOTTLE	
88/05/29	25 7. 87.1	CEMENT HOLD BOTTLE			3	10x20x30 cm	
88/05/29	25 7. 87.2	CYLINDER CONCRETE ML			12	15x30cm	
88/05/29	25 7. 87.3	CONCRETE MEASURE			1	30L,10L,2L, (EA 1 PC)	
88/05/29	25 7. 87.4	TAMPING ROD			2	16mm x 50 cm	
88/05/29	25 7. 88.	TROWEL FOR CEMENT			2	21 cm	

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88/05/29	25 7. 89.	HYDROBOTTLE			2	290 ml	
88/05/29	25 7. 98.	OUTSIDE MICROMETER	HITUTOYO	DMD-25A	3	0-25mm	
88/05/29	25 7. 99.	MICROMETER	HITUTOYO	DHC100-75	1	0-75mm	
88/05/29	25 7.100.1	STANDARD DIAL GAUGE		2048-10	10	10mm (0.01mm)	
88/05/29	25 7.100.2	LARGE TYPE DIAL GAUGE		3058E	1	50mm (0.01mm)	
88/05/29	25 7.100.3	MICROMETER HEAD		MHH2-50	1	0-50mm (0.01mm)	
88/05/29	25 7.101.	TORQUE WRENCH	KANON	450FK	5	50-450KGFCM	
88/05/29	25 7.102.	PRESURE GAUGE	TAKASHIMA	K75	2	AT3/8 x 75mm	
88/05/29	25 7.103.	SILVER SCALE	YAMASA	K2-100	5	1000mm	
88/05/29	25 7.104.1	COUNTING SCALE	A&D	EK-120A	1	120g (0.01g)	
88/05/29	25 7.104.2	COUNTING SCALE	A&D	EK-1200A	1	1200g (0.1g)	
88/05/29	25 7.104.3	COUNTING SCALE	A&D	EK-12A	1	12kg(1g)	
88/05/29	25 7.105.	STOP WATCH	(DORMY)	17557	4	1/5 SEC	
88/05/29	25 7.106.	COLOUR PLUMB BOB	KOD	F-060	2	0.6 KG	
88/05/29	25 7.107.1	SQUARE EITH EDGE		0A-300	2	300x200mm	
88/05/29	25 7.107.2	FLATE TYPE SQUARE		0D-300	2	300x200mm	
88/05/29	25 7.108.	MAGNETIC BASE	KANESU	MB-0X	5		
88/05/29	25 7.109.	MULTI TESTER	HIOKE	3124	1		
88/05/29	25 7.110.	IMPACT WRENCH	MAKITA	6906	1	CAP. 16-22mm	
88/05/29	25 7.111.	BENCH GRINDER	TOSHIBA	BGR-255T	1	255mm	
88/05/29	25 7.112.	ELECTRIC DRIVER	DAIWA	DLV6310-CHN	1	WITH CONTROLLER(DLC1220-EN) & TRANSFORMER	
88/05/29	25 7.113.	CORD REEL	HATAYA	BL-332H	2	30m 4P, 20A VTC CABLE (4C x 3.5SQ)	
88/05/29	25 7.114.	SUPPORTING CORD LAMP	HATAYA	CM-10AM	1	60W LAMP, CORD 10M X 1.25SQ	
88/05/29	25 7.116.	COLOUR ADJUSTABLE WRENCH	HATAYA	EM-200K	3	200mm	
88/05/29	25 7.117.	WATER PUMP PLIER			2	250 mm 2310S	
88/05/29	25 7.118.	PISTOL OILER	NIPPEI	H-250	4	250cc	
88/05/29	25 7.119.	SPRAY GUN	KINKI	KL-63	2		
88/05/29	25 7.121.1	BACHO TYPE SCREW CLAMP	SANKI	SC-75	6	75 mm	
88/05/29	25 7.121.2	BACHO TYPE SCREW CLAMP	SANKI	SC-150	6	150mm	
88/05/29	25 7.122.	SPOT WELDER	DAIDO	HBS7504T	1	WITH A SET OF STANDARD ACCESS	
88/05/29	25 7.123.	ELECTRIC SOLDERING IRON		SG-1	2	PISTOL TYPE 51W	
88/05/29	25 7.124.	BALL POINT DRIVER	WAIZU	BK-600S	5	WITH BALL POINT (2.5,3,4,5,6mm)	
88/10/03	34 1.13	RAM CHAIR WITH M 10 BOLT X 2			3	STATIC JACK SYSTEM (VARIAS PARTES)	
88/10/03	34 1.14.1	COUPLER /32			2	STATIC JACK SYSTEM	
88/10/03	34 1.14.2	COUPLER /23			2	STATIC JACK SYSTEM	
88/10/03	34 1.14.3	COUPLER FOR DISTURB			2	STATIC JACK SYSTEM	
89/02/25	43 1.1	PERNOS DE ACERO DE ALTA TENSION		24, 90mm	20	TUERCAS 20, GUACHAS 40	
89/02/25	43 1.2	PERNOS DE ACERO DE ALTA TENSION		H24, 65	20	TUERCAS 20, GUACHAS 40	
89/02/25	43 2.1	BARRAS DE ACERO		23 1000mm	10	TUERCAS 30, GUACHAS 30	
89/02/25	43 2.2	BARRAS DE ACERO		23 600mm	10	TUERCAS 20, GUACHAS 20	
89/02/25	43 3.1	BARRAS DE ACERO		32 2000mm	26	TUERCAS 52	
89/02/25	43 4.1	GUACHAS			20	200mm X 30mm	
89/02/25	43 4.2	GUACHAS			32	150mm X 25mm	
89/04/01	46 2	LONG STROKE SHAKER		APS-113	1	ELC. SEIS LNG STRKE SHKR, AMPL & HOR. TBLE	
89/04/01	46 3	PEN RECORDER SYSTEM			1	RECTILIN.THERM (6CH) MOD.8X22 & OTHERS	
89/04/01	46 4	SMALL VIBRATOR MACHINE			1	MAIN BODY EX-40C, FOUNDATION PLATE & ETC.	
89/04/01	46 6	EQUIPMENT FOR BORING MACHINE			136	MAIN BODY RQ100A & OTHERS	
89/04/01	46 7	GEO-TEXTILE FOR SOIL FUNDATION			3	PLAST.FOUND.SHEET TAFNET U80.TENSER SS2,	
89/04/01	46 8	PARTS FOR GEOTESTING APPARATUS			0	GEOPHONE, SK COMPR.APP DTC100C, TOOLS, ETC	
89/04/01	46 10.2.2	ROTARY MAGAZINE (FOR BUSINESS)	EIKI		2	FOR SLIDE PROJECTOR	
89/04/01	46 10.2.3	ROTARY MAGAZINE (FOR 100 SHEETS)	EIKI		2	FOR SLIDE PROJECTOR	
89/04/01	46 10.2.4	STRAIGHT MAGAZINE	EIKI		1	FOR SLIDE PROJECTOR	
89/04/01	46 10.4.0	KEY COUNTER	RICOH		1	FOR ELECTRIC WHITE BOARD	
89/04/01	46 10.4.1	REFAX PAPER	RICOH	810A S16x9H.	5	FOR ELECTRIC WHITE BOARD	
89/04/01	46 12.1.	2-CH FFT ANALYZER		SH-2701	1	2-CH FFT ANALYZER	
89/04/01	46 12.1.2	CABLE 2H.		GP-1B	2	2-CH FFT ANALYZER	
89/04/01	46 12.1.3	PLOTTER		6310	1	2-CH FFT ANALYZER	
89/04/01	46 12.1.4	CART			1	2-CH FFT ANALYZER	
89/04/01	46 12.2	FREQUENCY COUNTER		SC-7202	1		
89/04/01	46 12.3	DATA RECORDER		RD-110T	1	ACCESORIES CASSETTE TAPE & CABLE	
89/04/01	46 13	CLOCK CALIBRATOR		SZ-31	7		
89/04/01	46 14.1	DATA RECORDER		RD-110T	1	INCLUDE CASSETTE TAPE & CABLE	
89/05/08	50 1	STEEL LOADING BEANS AND FRAMES			22	22 ITEMS	
89/05/08	50 2	HIGH TENSION BOLTS			0	2 ITEMS	
89/05/08	50 3	PC-STEEL BARS			0	4 ITEMS	
89/05/08	50 4	GEWINDE STAB STELL BARS			0	3 ITEMS	
89/05/08	50 5	SMALL BOLT			0	2 ITEMS	
89/05/08	50 6	SCREWED STEEL BARS			202	2 ITEMS	
89/05/08	50 7	F. ANGLE (RAINBOW)			230	5 ITEMS	

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87/10/01	10 111 1-11	CLINOMETER	SOKKISHA	SD10	1	DIGITAL	??ADM???
88/05/29	25 4.126	FILM CABINET MF-7'	PLUS	64-424	2	(MF-7')	??ADMIN??
88/05/29	25 4.127	PRINTER TABLE MRD-BP	PLUS	64-412	1	MRD-BP 1050x790x680mm	??ADMIN??
89/04/01	46 10.2	SLIDE PROJECTOR	EIKI	SOUND SP TYPE	1		??ADMIN??
89/04/01	46 10.2.1	CASE FOR ABOVE	EIKI		1	FOR SLIDE PROJECTOR	??ADMIN??
87/10/01	10 2-1.1	OVER HEAD PROJECTOR	ELMO	HP-285p	1	220V	ADMINIST
87/10/01	10 2-1.2	OVER HEAD PROJECTOR	ELMO	HP-3500 ZOOM	1	220V	ADMINIST
87/10/01	10 2-2.1	SLIDE PROJECTOR	ELMO	OHNYGRAPHIC	1	552 220V	ADMINIST
87/10/01	10 2-2.3	SLIDE TRAY	ELMO	TRANSVIEW 80	5		ADMINIST
87/10/01	10 2-3.1	SLIDE PROJECTOR	ELMO	OHNYGRAPHIC	1	252 (220V)	ADMINIST
87/10/01	10 2-3.2	SPARE LAMP	ELMO		5	24V 250W	ADMINIST
87/10/01	10 2-3.3	CARRYING CASE	ELMO		1		ADMINIST
87/10/01	10 2-3.4	CORD REMOTE CONTROL	ELMO		1		ADMINIST
87/10/01	10 2-3.5	ZOOM LENS	ELMO		2	70-125mm	ADMINIST
87/10/01	10 2-3.6	ZOOM LENS	ELMO		2	125 - 250mm	ADMINIST
87/10/01	10 2-4.1	SCREEN	ELMO	LP-6	2	1800 x 1800mm	ADMINIST
87/10/01	10 2-4.2	SCREEN	ELMO	HS-4	2	1800 x 1800mm	ADMINIST
87/10/01	10 2-5.1	SLIDE PROCESSOR	NATIONAL	KV-6000	1	220V 60Hz	ADMINIST
87/10/01	10 2-5.2	FILM	NATIONAL	KV-15FH	10		ADMINIST
87/10/01	10 2-5.3	DEVELOPER	NATIONAL	KV-15TK	10		ADMINIST
87/10/01	10 2-5.4	FIXER	NATIONAL	KV-15E	10		ADMINIST
87/10/01	10 2-6.1	8mm VIDE0 CAMERA	SONY	CCD-V30	1		ADMINIST
87/10/01	10 2-6.2	ACCESSORY KIT FOR CAMERA	SONY	ACC-KIT88	1		ADMINIST
87/10/01	10 2-6.2.1	BATTERY PACK	SONY	NP22	1	8MM VIDE0 CAMERA ACCESORY	ADMINIST
87/10/01	10 2-6.2.2	AC PACK BATTERY CHARGER	SONY	ACP88	1	8MM VIDE0 CAMERA ACCESORY	ADMINIST
87/10/01	10 2-6.2.3	BATTERY CHARGER ADAPTOR	SONY	BCA70	1	8MM VIDE0 CAMERA ACCESORY	ADMINIST
87/10/01	10 2-6.3	BATTERY PACK	SONY	NP-22	4	FOR 8MM SONY VIDE0 CAMERA	ADMINIST
87/10/01	10 2-6.4	RFU ADAPTOR			1	FOR 8MM SONY VIDE0 CAMERA	ADMINIST
87/10/01	10 2-7	MONITOR TV	NATIONAL	TC-AL2100NT	1	21 INCH	ADMINIST
87/10/01	10 2-8.1	VIDE0 DESK	NATIONAL	NV-615PX	1	WITH BNC-BCN CABLE 3M	ADMINIST
87/10/01	10 2-8.2	WIRELESS AMPLIFIER	TOA	WA-520C	1	INCLUDE TUNER A,B (220V 60Hz)	ADMINIST
87/10/01	10 2-8.3	MICROPHONE	TOA	WH 210E(A)	1		ADMINIST
87/10/01	10 2-8.4	MICROPHONE	TOA	WH 210E(B)	1		ADMINIST
87/10/01	10 3-1 1	BETAMOVIE CAMERA	SONY	BMC-600	1	PHOTOGRAPHING APPARATUS	ADMINIST
87/10/01	10 3-1 2	BATTERY	SONY	NP-11	4	PHOTOGRAPHING APPARATUS	ADMINIST
87/10/01	10 3-1 3	BATTERY CHARGER	SONY	BC-300	1	PHOTOGRAPHING APPARATUS	ADMINIST
87/10/01	10 3-1 4	CARRING CASE	SONY	LC-760	1	PHOTOGRAPHING APPARATUS	ADMINIST
87/10/01	10 3-1 5	VIDE0 CAMERA TRIPOD	SONY	VCT-600	1	PHOTOGRAPHING APPARATUS	ADMINIST
87/10/01	10 3-1 6	FILTER KIT	SONY	VF-52H	1	PHOTOGRAPHING APPARATUS	ADMINIST
87/10/01	10 3-1 7	FILTER KIT	SONY	VF-200K	1	PHOTOGRAPHING APPARATUS	ADMINIST
87/10/01	10 3-1 8	TELE-CONVERSION LENS	SONY	VCL-1552B	1	PHOTOGRAPHING APPARATUS	ADMINIST
87/10/01	10 3-1 9	WIDE CONVERSION LENS	SONY	VCL-0752B	1	PHOTOGRAPHING APPARATUS	ADMINIST
87/10/01	10 3-II 1	VTR FOR EDITING (8 MAX)	SONY	GCS-50	2	EDITORIAL APPARATUS	ADMINIST
87/10/01	10 3-II 2	AUTOMATIC EDITING CONTROL UNIT	SONY	RM-250	1	EDITORIAL APPARATUS	ADMINIST
87/10/01	10 3-II 3	8inch COLOR VIDE0 MONITOR	SONY	PYM-8020	2	EDITORIAL APPARATUS	ADMINIST
87/10/01	10 3-II 4	CABLE CONNECTER			1	EDITORIAL APPARATUS	ADMINIST
87/10/01	10 3-III	MONOCHROME VIDE0 CAMERA	SONY	AVC-1160B	1	TELOP APPARATUS	ADMINIST
87/10/01	10 3-III	COPY STAND MODEL II LPL			1	TELOP APPARATUS	ADMINIST
87/10/01	10 3-III	ZOOM LENS	SONY	CGZ1218	1	TELOP APPARATUS	ADMINIST
87/10/01	10 3-III	COPY LIGHT LPL & TRANSFORMER			1	TELOP APPARATUS	ADMINIST
87/10/01	10 3-III	COLOR TELOP ADAPTER	SONY	CE-18	1	TELOP APPARATUS	ADMINIST
87/10/01	10 3-III	MONOCHROME VIDE0 MONITOR	SONY	PVM-91	1	TELOP APPARATUS	ADMINIST
87/10/01	10 3-III	CLOSE-UP LENS KIT	SONY	48mm	1	TELOP APPARATUS	ADMINIST
87/10/01	10 3-III	ELECTRIC LAMP DOR COPY LIGHT LPL			2	TELOP APPARATUS	ADMINIST
87/10/01	10 3-III	CAMERA HANGER	SONY	T-1600	1	TELOP APPARATUS	ADMINIST
87/10/01	10 3-III	CABLE CONNECTER	SONY		1	TELOP APPARATUS	ADMINIST
87/10/01	10 3-IV 1	MONITOR TV & STEP-DOWN TRANSFORMER	SONY	KPR-36XBR2	1		ADMINIST
87/10/01	10 3-IV 2	VIDE0 CASSETTE RECORDER BETAMAX	SONY	SL-HF1000	1	WITH STEP-DOWN TRANSFORMER	ADMINIST
87/10/01	10 3-VI 1	ELECTRIC STENCIL DUPLICATOR		RE-350	2	220V/60HZ	ADMINIST
87/10/01	10 3-VI 3	ELECTRIC STENCIL CUTTING MACHINE	SUPERBOX	2000	1	220V/60HZ	ADMINIST
87/10/01	10 3-VI 7	OFFSET PRINTING MACHINE		2700CD	1	220V/60HZ	ADMINIST
87/10/01	10 (4)	GENERATOR	DENYO	GRF-4000	1		ADMINIST
87/10/01	10 (4).1	SPARE TANK 10 LITER	DENYO		2	GENERATOR ACCESORIES	ADMINIST
87/10/01	10 (4).2	CORD REEL	DENYO		1	GENERATOR ACCESORIES	ADMINIST
87/10/01	10 (4).3	PLUG	DENYO		20	GENERATOR ACCESORIES	ADMINIST
87/10/01	10 (4).4	BATTERY CHARGE CORD	DENYO		2	GENERATOR ACCESORIES	ADMINIST
87/10/01	10 (5)	GENERATOR	DENYO	GRF-1500	1		ADMINIST
87/10/01	10 (5).1	PLUG FOR 220V	DENYO		5	GENERATOR ACCESORIES	ADMINIST
87/10/01	10 (5).2	CORD REEL DOR 100V, 20M	DENYO		1	GENERATOR ACCESORIES	ADMINIST

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87/10/01	10 (5).3	HANDY LIGHT 100V 150W	DENYO		2	GENERATOR ACCESORIES	ADMINIST
87/10/01	10 III 1- 1	ELECTRONIC TACHED METER	SOKKISHA	SET 3A	1		ADMINIST
87/10/01	10 III 1- 2	PRISM (SINGLE ELEMENT)	SOKKISHA	PRIC1	1		ADMINIST
87/10/01	10 III 1- 3	TRIPOD	SOKKISHA	PFW 1	1	WOODEN MADE	ADMINIST
87/10/01	10 III 1- 4	TRIPOD	SOKKISHA	PFA 1	1	STEEL MADE	ADMINIST
87/10/01	10 III 1- 5	THIEDDOLITE	SOKKISHA	TH 10E	1	DIGITAL	ADMINIST
87/10/01	10 III 1- 6	LIGHT WAVE RANGE FINDER	SOKKISHA	RED mini2	1		ADMINIST
87/10/01	10 III 1- 7	PRISM (SINGLE ELEMENT)	SOKKISHA	PRIB1	1		ADMINIST
87/10/01	10 III 1- 8	TRIPOD	SOKKISHA	PFW 1	1	WOODEN MADE	ADMINIST
87/10/01	10 III 1- 9	TRIPOD	SOKKISHA	PFA 1	1	STEEL MADE	ADMINIST
87/10/01	10 III 1-10	LEVEL B2C	SOKKISHA		1	WITH STEEL MADE TRIPOD PFA 1	ADMINIST
88/05/29	25 3.115	INDUSTRIAL CLEANER	MEIHO	NVC-30	2	CON ACCESORIOS Y TRANSFORMADOR	ADMINIST
89/04/01	46 10.1	16MM CINE PROJECTOR	EIKIN	EX-3500R	1		ADMINIST
89/04/01	46 10.1.1	REEL 1680FT			3	FOR 16MM CINE PROJECTOR	ADMINIST
89/04/01	46 10.1.2	WINDER R-3		R-3	1	FOR 16MM CINE PROJECTOR	ADMINIST
89/04/01	46 10.1.3	XENON LAMP 350 W			1	FOR 16MM CINE PROJECTOR	ADMINIST
89/04/01	46 10.1.4	PROJECTION STAND		SD-6	2	LARGE LOCKER TYPE WITH CASTER FOR PROJ.	ADMINIST
89/04/01	46 10.1.5	SCREEN SPRING ROLLER TYPE		AM-10S	1		ADMINIST
89/04/01	46 10.1.6	SCREEN SPRING ROLLER TYPE		AM-6 S	1		ADMINIST
89/04/01	46 10.4	ELECTRIC WHITE BOARD	RICOH	I-2	1		ADMINIST
89/04/01	46 11.1.1	AMPLIFIER 120W	TOA?	A-512H	1	FOR BROADCASTING SYSTEM	ADMINIST
89/04/01	46 11.1.2	10W HORN SPEAKER	TOA?	TC101-TE	3	FOR BROADCASTING SYSTEM	ADMINIST
89/04/01	46 11.1.3	15W HORN SPEAKER	TOA?	TC151-TE	2	FOR BROADCASTING SYSTEM	ADMINIST
89/04/01	46 11.1.4	3W BOX SPEAKER	TOA?	BS-374S	2	FOR BROADCASTING SYSTEM	ADMINIST
89/04/01	46 11.1.5	CHIME MICROPHONE	TOA?	EC-100H	1	FOR BROADCASTING SYSTEM	ADMINIST
89/04/01	46 11.2.1	WIRELESS AMPLIFIER	TOA?	WA-620	2	PORTABLE SPEAKER SYSTEM	ADMINIST
89/04/01	46 11.2.2	TUNER UNIT	TOA?	WV-20	2	PORTABLE SPEAKER SYSTEM	ADMINIST
89/04/01	46 11.2.3	WIRELESS MICROPHONE	TOA?	WM-210E	2	PORTABLE SPEAKER SYSTEM	ADMINIST
89/04/01	46 11.2.4	WIRE MICROPHONE	TOA?	DM-702B	2	PORTABLE SPEAKER SYSTEM	ADMINIST
89/04/01	46 11.3.1	CENTER AMPLIFIER	TOA?	TS-70	1	FOR MEETING SYSTEM	ADMINIST
89/04/01	46 11.3.2	CHAIRMAN UNIT	TOA?		1	FOR MEETING SYSTEM	ADMINIST
89/04/01	46 11.3.3	PARTICIPANT UNIT	TOA?		19	FOR MEETING SYSTEM	ADMINIST
89/04/01	46 11.3.4	EXTEND WIRE			1	FOR MEETING SYSTEM	ADMINIST
89/04/01	46 11.3.5	MICROPHONE			20	FOR MEETING SYSTEM	ADMINIST
89/04/01	46 11.4. 1	PORTABLE AMPLIFIER 60W.		A-506 M	1	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/04/01	46 11.4. 2	WIRE TUNER		WT-700	1	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/04/01	46 11.4. 3	WIRELESS TUNER UNIT		WU-20(WV-20)	2	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/04/01	46 11.4. 4	WIRELESS ANTENNA		UA-406	1	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/04/01	46 11.4. 5	WIRELESS MICROPHONE		WM-210E	2	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/04/01	46 11.4. 6	DYNAMIC MICROPHONE		DM-803	2	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/04/01	46 11.4. 7	SPEAKER		FD-300G	2	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/04/01	46 11.4. 8	SPEAKER STAND ADAP. BRACKET & TOOL		STB-3	2	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/04/01	46 11.4. 9	SPEAKER STAND		ST-20	2	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/04/01	46 11.4.10	DESK TOP TYPE MICROPHONE		ST-64	4	PORTABLE AMPLIFIER SPEAKER FOR MEETING	ADMINIST
89/10/22	57 III.1	ELECTRIC PRIVATE BRANCH EXCHANGE	NEAX	2400 SDS-VS	1	CISNID CENTER(NEC)-13 ITEMS(console&etc)	ADMINIST
89/10/22	57 IV.1	SLIDE PROJECTOR WITH VOICE	CABIN	SOUND C. SP	1		ADMINIST
89/10/22	57 IV.2	CARRYING CASE FOR SLIDE PROJECTOR			1		ADMINIST
89/10/22	57 IV.3	ROTARY MAGAZINE FOR SLIDE PROJECTOR			1		ADMINIST
87/09/01	9 1	BUS TOYOTA COASTER	TOYOTA	BB21L-MRZ	1	ENGINE 0844230	CISHID
87/09/01	9 2	TOYOTA HIACE BUS	TOYOTA	YH51LB-JR	1	ENGINE 0571638	CISHID
88/07/03	8 DISK1. 1	PRINTER CABLE	IBM	1525612	1	CABLE DE SALIDA DE IMPRESORA	COMPUTO
87/12/29	11 1	CHANNEL CONTROLLER	IBM	5088 MDL 01	1		COMPUTO
87/12/29	11 1 Y 2	COLOR GRAPHICS DISPLAY	IBM	5081 MDL 019	2		COMPUTO
87/12/29	11 3	COLOR SCREEN PRINTER	IBM	5087 MDL 001	1		COMPUTO
87/12/29	11 3 Y 4	GRAPHIC /PENLITE TABLET	IBM	5083 MDL 12A	2		COMPUTO
88/01/01	12 1	GRAPHICS PROCESSOR	IBM	5085 MDL 02A	1		COMPUTO
88/01/02	13 1	PROCESSOR	IBM 9375	060 0000904	1	VINO DA-ADO. NO INVENTARIAR. VER ORDEN	COMPUTO
88/01/02	13 4	DIRECT ACCESS STORAGE	IBM 9335	B01 0025555	1	VINO OK.	COMPUTO
88/02/03	14 1	PROPRINTER XL	IBM	56X9729	5		COMPUTO
88/02/03	14 2	PROPRINTER XL	IBM	56X9729	4		COMPUTO
88/02/03	14 3	SHIP GROUP	IBM	70X0136	9		COMPUTO
88/02/07	15 1	PROPRINTER F	IBM	056X9729	1		COMPUTO
88/02/08	16 1	PAGE PRINTER	IBM	PR3812	1		COMPUTO
88/02/08	16 2	CARD	IBM	1348408	1		COMPUTO
88/02/08	16 3	CABLE	IBM	1348421	1		COMPUTO
88/02/08	16 4	CABLE PC	IBM	1348423	1		COMPUTO
88/02/08	16 5	CABLE PC	IBM	1348428	1		COMPUTO
88/02/08	16 6	STAND	IBM	1348481	1		COMPUTO
88/02/08	16 7	DISKETTE	IBM	1348496	1		COMPUTO

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88/02/08	17 CU018.1	KEYBOARD	IBM	1389238	2		COMPUTO
88/02/08	17 CU018.2	KBD ENG	IBM	1435036	2		COMPUTO
88/02/08	17 CU018.3	CRT DISPLAY	IBM	2446814	4		COMPUTO
88/02/08	17 CU018.4	COAXIAL	IBM	2446941	4		COMPUTO
88/02/08	17 CU018.5	SHIP GROUP	IBM	2456177	4		COMPUTO
88/02/08	17 CU018.6	LOGIC 001	IBM	2456430	4		COMPUTO
88/02/08	17 CU270.1	GRAPHICS PROCESSOR	IBM	5085	1		COMPUTO
88/02/08	17 CU502.1	MULT	IBM	3299	6		COMPUTO
88/02/08	17 CU502.2	LINE CORD	IBM	5640670	6		COMPUTO
88/02/08	17 CU593.1	GRAPHIC DISPLAY STATION	IBM	3192G G/E	10		COMPUTO
88/02/08	17 CU593.2	CRT DISPLAY	IBM	8233392	10		COMPUTO
88/02/08	17 CU593.3	KEYBOARD	IBM	1389198	10		COMPUTO
88/02/08	17 CU593.4	MOUSE AND	IBM	1887686	10		COMPUTO
88/02/08	17 CU593.5	CABLE ASH	IBM	5881854	10		COMPUTO
88/02/08	17 CU593.6	COVER	IBM	5854170	10		COMPUTO
88/02/08	17 CU593.7	PWR ENCLS	IBM	6342061	4		COMPUTO
88/02/08	17 CU593.8	LINE CORD	IBM	6952397	10		COMPUTO
88/02/08	17 CU593.9	3192 ENG	IBM	8135731	10		COMPUTO
88/02/08	17 CU843.1	KEYBOARD	IBM	1390250	8		COMPUTO
88/02/08	17 CU843.2	LOGIC	IBM	6238033	8		COMPUTO
88/02/08	17 CU843.3	COVER PEDESTAL	IBM	6238060	8		COMPUTO
88/02/08	17 CU843.4	SHIP GROUP	IBM	6238074	8		COMPUTO
88/02/08	17 CU843.5	LINE CORD	IBM	6952397	8		COMPUTO
88/02/08	17 CU843.6	319X H V	IBM	83X7942	8		COMPUTO
88/03/18	19 1	COLOR PLOTTER	IBM	6186 MODL 02	1		COMPUTO
88/03/18	19 2, 3 Y 4	COLOR PLOTTER	IBM	6180 MODL 01	3		COMPUTO
88/04/04	20 1	MODEM	IBM ITALY	M/T 5865/002	2		COMPUTO
88/04/09	21 1	COLOR SCREEN PRINTER	IBM 5087	001 0A0716	1	REPOSICION GUIA 03518358-FACT CU727380	COMPUTO
88/04/09	21 2	DIGITIZER	IBM 5084	003 0C0044	1		COMPUTO
88/05/29	24 1	MAG. TAPE SUBSYSTEM	IBM 3430	A01 016053	1		COMPUTO
88/06/13	27 1	DOT BAND PRINTER	IBM 4234	001 801037	1		COMPUTO
88/07/03	28 CA7200.1	110 POWER	IBM	62X0663	6	CABLE DE INTERCONEXION	COMPUTO
88/07/03	28 CA7200.2	GTO SPAN MOD 50	IBM	75X5193	2	MANUAL GUIA DEL OPERADOR MODELO 50-SPAN	COMPUTO
88/07/03	28 CA7200.3	GTO SPAN MOD 60	IBM	75X5213	4	MANUAL GUIA DEL OPERADOR MODELO 60	COMPUTO
88/07/03	28 CA7200.4	220V SHC	IBM	8513003	3	MONITOR DE ALTA RESOLUCION 220V.	COMPUTO
88/07/03	28 CA7200.5	1MB 10MHZ	IBM	8560071	3	MAQUINA MEMORIA ACCESO INMEDIATO	COMPUTO
88/07/03	28 CA7200.6	LA KBD 85	IBM	90X7410	3	TECLADO DE CONTROL CASTELLANO	COMPUTO
88/07/03	28 CA7200.7	DOS 3.3 S	IBM	94X9630	2	PROGRAMA DE CARGA DE INSTRUCCIONES ESPECIFICAS	COMPUTO
88/07/03	28 DISH2.1	5.25 EXT	IBM	4889001	3	UNIDAD DE DISCO DE 5 1/4	COMPUTO
88/07/03	28 DISH2.2	PC 3270 EM	IBM	59X9069	1	MODULO MIGRATORIO DE PS/2 A 3270	COMPUTO
88/07/03	28 DISH2.3	PRINTEDFOR	IBM	6200260	1	PROGRAMA PRODUCTO	COMPUTO
88/07/03	28 DISH2.4	MNERO ASS	IBM	6080181	1	PROGRAMA MACRO ENSAMBLADOR	COMPUTO
88/07/03	28 DISH2.5	FORTTRAN/2	IBM	6280185	1		COMPUTO
88/07/03	28 DISH2.6	C COMPLIE	IBM	6280187	1		COMPUTO
88/07/03	28 DISH2.7	EXTERNAL	IBM	6450245	3	DISPOSITIVO ELECTROMAGNETICO EXTERIOR	COMPUTO
88/07/03	28 DISH2.8	MOUSE	IBM	6450350	3		COMPUTO
88/07/03	28 DISH2.9	MATH CO-P	IBM	6450356	3	COPROCESADOR MATEMATICO	COMPUTO
88/07/03	28 DISH2.10	PS/2 MOD	IBM	68X2221	1	INSTRUCCIONES TECNICAS DE MANTENIMIENTO	COMPUTO
88/07/03	28 DISH2.11	PS/2 MOD	IBM	68X2222	1	INSTRUCCIONES TECNICAS DE MANTENIMIENTO	COMPUTO
88/07/03	28 DISH2.12	PS/2	IBM	68X2224	1	INSTRUCCIONES TECNICAS DE MANTENIMIENTO	COMPUTO
88/07/03	28 DISH2.13	PER SYS	IBM	68X2260	1	INSTRUCCIONES TECNICAS DE MANTENIMIENTO	COMPUTO
88/07/03	28 DISH2.14	3278 79 R	IBM	83X9702	1	MODULO DE MIGRACION A 3270-3279	COMPUTO
89/07/03	28 DISH3.1	STORY BOARD	IBM	6024401	1	PROGRAMA PRESENTADOR DE GRAFICOS	COMPUTO
88/07/24	30 1	PROCESSOR 9375	IBM 9375	060 002681	1	REPOSICION GUIA 03518358-FACT CU727380	COMPUTO
88/07/24	30 2	DISK STORAGE CONTROL	IBM 9335	A01 060982	1	REPOSICION GUIA 03518358-FACT CU727380	COMPUTO
88/07/24	30 3 Y 4	DIRECT ACCESS STORAGE	IBM 9335	801 00B5F81	2	REPOSICION GUIA 03518358-FACT CU727380	COMPUTO
88/07/24	30 5	ENCLOSURE & PWR DIST	IBM 9309	002 056091	1	REPOSICION GUIA 03518358-FACT CU727380	COMPUTO
89/01/05	37 1	4201 5K P 2	IBM	P1891	6		COMPUTO
89/01/05	38 CU835 1	A3 MEDIA	IBM		1		COMPUTO
89/01/05	38 CU835 2	A3 MEDIA	IBM		1		COMPUTO
89/01/05	38 CU835 3	A POLYEST	IBM		10		COMPUTO
89/01/05	38 CU835 4	FIBER TIP	IBM		2		COMPUTO
89/01/05	38 CU835 5	FIBER TIP	IBM		2		COMPUTO
89/01/05	38 CU835 6	DRAFTING	IBM		5		COMPUTO
89/01/05	38 CU835 7	A4 MEDIA	IBM		1		COMPUTO
89/01/05	38 CU857 1	COLOR PLOTTER	IBM 6182	001	1		COMPUTO
89/01/05	38 CU857 2	COLOR PLOTTER	IBM 6182	001	1		COMPUTO
89/01/15	39 CU570 1	CABLE A 2	IBM	P2744	4		COMPUTO
89/01/15	39 CU570 2	4201 5K P 2	IBM P2744	1525612	4		COMPUTO

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89/01/15	39 CU571 1	LINE CORD 2 (6U) & PWR ENCLS V (6U)	IBM	P2199-P2197	12		COMPUTO
89/01/15	39 CU902 1	O/S 2 EXT V	IBM	P1719	90X7900	1	COMPUTO
89/02/06	42 1	ACCESORIES	IBM		6		COMPUTO
89/04/01	46 9	COOLING UNIT FOR THE COMPUTER ROOM	DAIKIN	FHH45NV & 60	5	FHH45NVE/R45 (1) + FHH60NVE/R60 (4)	COMPUTO
89/04/03	47 1	ADF 3117	IBM	ADF 3117?	0	UN ARTICULO SIN COSTO CON EMPAQUE \$6.93	COMPUTO
89/12/02	61. 1	COLOR PLOTTER	IBM	6182	001 0063400	1	COMPUTO
87/09/01	9 M-1	MITSUBISHI CANTER TURBO FE44EX	MITSUBISHI	CANTER FE44E	1	ENGINE 4D31-572149	GEDLAB
87/09/01	9 M-2	UNIK CRANE WITH ACCESORIES	MITSUBISHI	UR20AL	1	HAUD BREAKER, HAUD AUGER, WATER PUMP	GEDLAB
87/09/01	9 M-3	CANTER WITH SPEAR PARTS			0	VARIAS PARTES 34 ACCESORIOS	GEDLAB
87/09/01	9 S-1.	PNEUMATIC DYNAMIC TRIAXIAL APPARATUS	SEIKEN	DTC-243	1	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-1.1	TRIAxIAL CHAMBER SPECIMEN	SEIKEN	DTC-243	3	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-1.2	2 UNIT TYPE AIR EATER CONTROL UNIT	SEIKEN	DTC-243	1	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-1.3	VERTICAL LOADING UNIT	SEIKEN	DTC-243	1	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-1.4	MAIN AIR WATER CONTROL UNIT	SEIKEN	DTC-243	1	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-1.5	PNEUMATIC SINE LOADING UNIT	SEIKEN	DTC-243	1	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-1.6	ELECTRIN MEASURING UNIT	SEIKEN	DTC-243	1	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-1.7	DIGITAL SYNAMIC STRAIN AMPLIERS	SEIKEN	DTC-243	1	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-1.8	RECORDER	SEIKEN	DTC-243	1	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-1.9	ACCESORIES	SEIKEN	DTC-243	1	NEUMATIC DINAMIC TRIAXIAL APPARATUS	GEDLAB
87/09/01	9 S-2. 1	SEISHIC PROSPECTING STACKING SYSTEM	SEIKEN	SS-1200	1	STACKING UNIT, DISPLAY, FLOPPY	GEDLAB
87/09/01	9 S-2. 2	PS LOGGING GEDPHONE	SEIKEN		3	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2. 3	PRESS-SETTING APPARATUS	SEIKEN		3	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2. 4	GEDPHONE FOR SEISHIC PROSPECCING	SEIKEN		1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2. 5	TAKE-OUT CABLE	SEIKEN		200	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2. 6	EXTENSION CABLE	SEIKEN		100	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2. 7	TELEPHONE CABLE	SEIKEN		500	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2. 8	VINYL CORD	SEIKEN		50	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2. 9	TRIGGER SWITCH	SEIKEN		1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2.10	BATTERY	SEIKEN		1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2.11	CHARGER	SEIKEN		1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2.12	TELEPHONE HAND SET	SEIKEN		1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2.13	THERMO-SENSITIVE RECORDING PAPER	SEIKEN		1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2.15	PERSONAL COMPUTER	SEIKEN	PC8801VX2	1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2.16	DISPLAY	SEIKEN	N5913	1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2.17	PRINTER	SEIKEN	VP-85K	1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-2.18	X-Y PLOTTER	SEIKEN	HP-3300	1	SEISHIC PROSPECTING STACKING SYSTEM	GEDLAB
87/09/01	9 S-3.	SK TRIAXIAL APPARATUS	SEIKEN	DTC-100	1		GEDLAB
87/09/01	9 S-3.1	TRIAxIAL CELL	SEIKEN	CELL	3	SK TRIAXIAL APPARATUS SEIKEN DTC-100C	GEDLAB
87/09/01	9 S-3.2	LOAD SUPPLYING EQUIPMENT	SEIKEN		1	SK TRIAXIAL APPARATUS SEIKEN DTC-100C	GEDLAB
87/09/01	9 S-3.3	2 UNIT TYPE SK TRIAXIAL	SEIKEN		1	SK TRIAXIAL APPARATUS SEIKEN DTC-100C	GEDLAB
87/09/01	9 S-3.4	ACCESORIES	SEIKEN		1	SK TRIAXIAL APPARATUS SEIKEN DTC-100C	GEDLAB
87/09/01	9 S-4.	FLAME CONSOLIDATION APPARATUS	SEIKEN	DAC-100B-U6	1		GEDLAB
87/09/01	9 S-4.1	6 UNITS TYPE LOADING FRAME	SEIKEN		1	FLAME CONSOLIDATION APP. SEIKEN DAC100BUGGEDLAB	GEDLAB
87/09/01	9 S-4.2	CONSOLIDATION CONTAINER	SEIKEN		6	FLAME CONSOLIDATION APP. SEIKEN DAC100BUGGEDLAB	GEDLAB
87/09/01	9 S-4.3	DIAL INDICATOR	SEIKEN		6	FLAME CONSOLIDATION APP. SEIKEN DAC100BUGGEDLAB	GEDLAB
87/09/01	9 S-4.4	TRIMMING RING AND EJECTOR	SEIKEN		1	FLAME CONSOLIDATION APP. SEIKEN DAC100BUGGEDLAB	GEDLAB
87/09/01	9 S-4.5	AIR COMPRESOR & VACUUM PUMP	SEIKEN		4	FLAME CONSOLIDATION APP. SEIKEN DAC100BUGGEDLAB	GEDLAB
87/09/01	9 S-5.	PRECISION DIRECT SHEAR APPARATUS	SEIKEN	DTA-100F	1		GEDLAB
87/09/01	9 S-5.1	MAIN FRAME	SEIKEN	DTA-100F	1	PRECISION DIRECT SHEAR APP. SEIKEN DTA100GEDLAB	GEDLAB
87/09/01	9 S-5.2	PROVING RING	SEIKEN	DTA-100F	1	PRECISION DIRECT SHEAR APP. SEIKEN DTA100GEDLAB	GEDLAB
87/09/01	9 S-5.3	SHEAR BOX	SEIKEN	DTA-100F	1	PRECISION DIRECT SHEAR APP. SEIKEN DTA100GEDLAB	GEDLAB
87/09/01	9 S-5.4	DIAL GAUGE	SEIKEN	DTA-100F	2	PRECISION DIRECT SHEAR APP. SEIKEN DTA100GEDLAB	GEDLAB
87/09/01	9 S-5.5	TRIMMING RING AND EJECTOR	SEIKEN	DTA-100F	1	PRECISION DIRECT SHEAR APP. SEIKEN DTA100GEDLAB	GEDLAB
87/09/01	9 S-6.	PORTABLE UNCONFINED APPARATUS	SEIKEN	DTB-100D	1		GEDLAB
87/09/01	9 S-6.1	PROVING RING	SEIKEN		1	PORTABLE UNCONFINED APP. SEIKEN DTB-100D	GEDLAB
87/09/01	9 S-6.2	X-Y RECORDER FOR DTC-100D	SEIKEN		1	PORTABLE UNCONFINED APP. SEIKEN DTB-100D	GEDLAB
87/09/01	9 S-6.3	DIAL GAUGE	SEIKEN		1	PORTABLE UNCONFINED APP. SEIKEN DTB-100D	GEDLAB
87/09/01	9 S-7.	COMPACTION TESTING APPARATUS	SEIKEN	DA-11	1		GEDLAB
87/09/01	9 S-7.1	COMPACTION MOULD	SEIKEN		3	COMPACTION TESTING APP. SEIKEN DA-11	GEDLAB
87/09/01	9 S-7.2	RAMMER	SEIKEN		1	COMPACTION TESTING APP. SEIKEN DA-11	GEDLAB
87/09/01	9 S-7.3	SAMPLE EXTRUDER HYDRAULIC TYPE	SEIKEN		1	COMPACTION TESTING APP. SEIKEN DA-11	GEDLAB
87/09/01	9 S-8.	SOIL CLASSIFICATION TEST SUPPLIES	SEIKEN	DH-10&DH-30	1		GEDLAB
87/09/01	9 S-8.1	PYCNOMETER	SEIKEN		50	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB
87/09/01	9 S-8.10	DIGITAL BALANCE	SEIKEN	FX3000	1	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB
87/09/01	9 S-8.2	HYDROMETER	SEIKEN		10	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB
87/09/01	9 S-8.3	HYDROMETER JAR	SEIKEN		10	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB
87/09/01	9 S-8.4	HYDROMETER JAR BATH	SEIKEN		1	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB
87/09/01	9 S-8.5	MECHANICAL STIRRING APP	SEIKEN		2	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB
87/09/01	9 S-8.6	SOIL TEST SIEVE SET	SEIKEN		2	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB

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87/09/01	9 S-8.7	LIQUID LIMIT TEST SET	SEIKEN	DM-20	2	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB
87/09/01	9 S-8.8	ELECTRIC OVEN	SEIKEN	GM-108	1	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB
87/09/01	9 S-8.9	PRECISION PLATFORM	SEIKEN	GBK-20	1	SOIL CLASSIFICATION TEST SUPPLIES	GEDLAB
87/09/01	9 S-9.	DUTCH DEEP-SOUNDING APPARATUS	SEIKEN	SM-26-0	1		GEDLAB
87/09/01	9 S-9.1	LOADING FRAME	SEIKEN		1	DUTCH DEEP SOUNDING APP. SEIKEN SM26D	GEDLAB
87/09/01	9 S-9.2	PROVING RING	SEIKEN		1	DUTCH DEEP SOUNDING APP. SEIKEN SM26D	GEDLAB
87/09/01	9 S-9.3	PROVING RING	SEIKEN		1	DUTCH DEEP SOUNDING APP. SEIKEN SM26D	GEDLAB
87/09/01	9 S-9.4	CONE PENETROMETER	SEIKEN		2	DUTCH DEEP SOUNDING APP. SEIKEN SM26D	GEDLAB
87/09/01	9 S-9.5	OUTER TUBE	SEIKEN		20	DUTCH DEEP SOUNDING APP. SEIKEN SM26D	GEDLAB
87/09/01	9 S-9.6	INNER ROD	SEIKEN		20	DUTCH DEEP SOUNDING APP. SEIKEN SM26D	GEDLAB
87/09/01	9 S-9.7	ANCHOR PILE	SEIKEN		4	DUTCH DEEP SOUNDING APP. SEIKEN SM26D	GEDLAB
87/09/01	9 S-9.8	TOOLS	SEIKEN		1	DUTCH DEEP SOUNDING APP. SEIKEN SM26D	GEDLAB
87/10/01	10 4-1	STRONG MOTION ACCELEROGRAPH	RION	SM-108	7	WITH CLOCK (SZ-30)	GEDLAB
87/10/01	10 4-1.1	MASTER & CONTROLLER CABLE	RION		3	100% FROM STRONG MOTION ACCELEROGRAPH	GEDLAB
87/10/01	10 4-1.3	BOLT	STAINLESS	SC-1090	60	FROM STRONG MOTION ACCELEROGRAPH	GEDLAB
87/10/01	10 4-2.	READOUT UNIT	RION	SM-11A	1		GEDLAB
87/10/01	10 4-3.1	CABLE			20	FOR READOUT UNIT(2M) BNC-CROCODILE	GEDLAB
87/10/01	10 4-3.2	CABLE			20	FOR READOUT UNIT (2M) BNC-BNC	GEDLAB
87/10/01	10 4-3.3	T-SHAPED ADAPTOR		UG-274U	20	FOR READOUT UNIT	GEDLAB
88/04/24	22 1.1	ANALYZING SCOPE		F-3000	1	58x80x16 ABE	GEDLAB
88/04/24	22 1.2	BATTERY PRINTER UNIT		OP-06	1	ABE	GEDLAB
88/04/24	22 1.3	GP-1B INTERFACE		OP-01	1	ABE	GEDLAB
88/05/29	25 1.93	CONCRETE MIXER	KYC	KAB-2.5	1		GEDLAB
88/05/29	25 2.94	HEAVY DUTY WORKING TABLE	UNIONSTEEL	RTW 1809P	1		GEDLAB
88/05/29	25 3. 2A	TOOL SERVICE KITS	TOBE	C2	1		GEDLAB
88/05/29	25 3. 29A	AIR COMPRESSOR	IWATA	SU22P	1		GEDLAB
88/05/29	25 3. 78	TOOL SERVICE KITS	TOBE	C2	1		GEDLAB
88/07/11	29 40.1	CPU	SAMSUNG		1		GEDLAB
88/07/11	29 40.2	DISPLAY	SAMSUNG?		1	VERIFICAR MARCA	GEDLAB
88/07/11	29 40.3	KEY BOARD	SAMSUNG?		1	VERIFICAR MARCA	GEDLAB
88/07/11	29 40.4	EXPERTION UNIT	SAMSUNG?		1	VERIFICAR MARCA	GEDLAB
89/04/01	46 1	SEISMO METER (WITH ACCELEROGRAPH)			1	STRONG MOTION ACCELEROG. SM108 & OTHERS	GEDLAB
89/04/01	46 5	SEISMIC TREMOR MEASUREMENT			1	AMPL(GCH)TA406, LEVEL PICKUP MTK11C & EYOG	GEDLAB
89/10/22	57 1.1	ACE			1	SOFTWARE FOR IBM 9375 MODEL 06	GEDLAB
89/10/22	57 1.2	SAP-CQC			1	SOFTWARE FOR IBM 9375 MODEL 06	GEDLAB
89/10/22	57 1.3	SEAWAVE			1	SOFTWARE FOR IBM 9375 MODEL 06	GEDLAB
89/10/22	57 1.4	GEDSLOPE			1	SOFTWARE FOR IBM 9375 MODEL 06	GEDLAB
89/10/22	57 1.5	GEOGRAPH			1	SOFTWARE FOR IBM 9375 MODEL 06	GEDLAB
89/10/22	57 1.6	TIME DEPTH CHART GENERATOR	GEDCOMPUT. S		1	SOFTWARE FOR IBM 9375 MODEL 06	GEDLAB
89/10/22	57 11.1	SEPARATE TEST JACK		D3.5 Y P2C	2	SOIL TESTING APPARATUS-WITH HAND PUMP	GEDLAB
89/10/22	57 11.2	LOAD CELL		CLU-50A	2	SOIL TESTING APPARATUS-WITH CABLE 20 M.	GEDLAB
89/10/22	57 11.3	DUCH CONE PENETROMETER		SM-26E	1	SOIL TEST. APP-WITH PENETR. ROD 20M & ETC	GEDLAB
89/10/22	57 11.4	PORTABLE DATE LOGGER		TDS-301	1	SOIL TEST. APP-W. INTERFACE & DC INVERTOR	GEDLAB
89/10/22	57 11.5	DISPLACEMENT TRANSDUCER		DDP-50A	5	SOIL TEST. APP-STRAIN GAUGE TYPE	GEDLAB
89/10/22	57 11.6	FIELD VANE SHEAR TESTER		DD-50	1	SOIL TEST. APP-W. STANDARD ACCESSORIES	GEDLAB
89/10/22	57 11.7	LABORATORIE OVEN		CM-108	1	SOIL TEST. APP-60 X 0.5 X 50 CMS.	GEDLAB
89/10/22	57 11.8	DESICATOR		PC-250	2	SOIL TEST. APP-MADE OF PLASTIC	GEDLAB
89/02/03	41 1	CAMIONETA RURAL 4x4	TOYOTA	LAND CRUISER	1		MISSION
87/10/01	10 III 2-1.	LAMP		LP-50	2	DRAFTING MATERIAL	PLANNING
87/10/01	10 III 2-1.	TABLE		TK-650	2	DRAFTING MATERIAL	PLANNING
87/10/01	10 III 2-1.	DRAFTER		RXC2-12	2	TABLE, LAMP, DRAFTER, CHAIR (2)	PLANNING
87/10/01	10 III 2-1.	CHAIR		CE-700	2	DRAFTING MATERIAL	PLANNING
87/10/01	10 III 2-1.	BOARD		BXL-12	2	DRAFTING MATERIAL	PLANNING
87/10/01	10 III 2-2	ROTRING VARIANT		SEC-0-MAT	2	8 TECHNICAL PENS	PLANNING
87/10/01	10 III 2-4	TRACING TABLE		TR-TS3	1		PLANNING
90/06/04	65 01	MACINTOSH PC IIC1 4MB/80HD SPANISH	APPLE	II CI	1	US DOLLARS	PLANNING
90/06/04	65 02	APPLE EXTENDED KEYBOARD	APPLE	HO 115	1	US DOLLARS	PLANNING
90/06/04	65 03	APPLE RGB MONITOR	APPLE	HO401PA	1	US DOLLARS	PLANNING
90/06/04	65 04	MACINTOSH II 8 BIT VIDED CARD	APPLE	HO324	1	US DOLLARS	PLANNING
90/06/04	65 05	APPLE UNIVERSAL STAND MONITOR	APPLE	HO403	1	US DOLLARS	PLANNING
90/06/04	65 06	LASERWRITER PRINTER	APPLE	IINT	1	US DOLLARS	PLANNING
90/06/04	65 08	APPLE TALK OPTION IMAGEWRITER II	APPLE	A90314	1	US DOLLARS	PLANNING
90/06/04	65 10	SCSI SYSTEM CABLE	APPLE	HO206	1	US DOLLARS	PLANNING
90/06/04	65 11	SCSI CABLE TERMINATOR	APPLE	HO209	1	US DOLLARS	PLANNING
87/09/01	7 1	STEEL BARS & ETC.			0	17600 PZAS, 560 SETS & 23000m	STRULAB
87/10/01	10 5	VIBRATION EXCITER		EX-250DL	1		STRULAB
88/05/29	25 1.62	CONCRETE MIXER	KYC	KNP-6	1		STRULAB
88/05/29	25 1.66	CONCRETE MIXER	KYC	KNP-4	1		STRULAB
88/05/29	25 2.38	HEAVY DUTY WORKING TABLE	UNIONSTEEL	TWB 1809D4	1		STRULAB

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88/05/29	25 3. 28	TOOL SERVICE KITS	TONE	C2	1		STRULAB
88/05/29	25 3. 29B	AIR COMPRESSOR	IWATA	SU22P	1		STRULAB
88/05/29	25 6.44	CIRCULAR SAW & BRAKE	MISATO	MA-400	1	305mm WITH FEEDING ATACHMENT HI-R3	STRULAB
88/05/29	25 6.46	AUTOMATIC PLANNER	HITACHI	F-80F	1	WITH 2 SETS PLANER BLADES	STRULAB
88/05/29	25 6.50	BENCH DRILLING MACH.	HITACHI	B-23SD	1	HAS ACCESORIOS 6.50	STRULAB
88/05/29	25 7. 3.2	TOOL SETS	TONE	K-60	2		STRULAB
88/05/29	25 7. 4	SOCKET WRENCH SETS	TONE	K240	1		STRULAB
88/05/29	25 7. 45.	CONCRETE CUTTER	SHIBUYA	TS-100	1	WITH ACCESORIES	STRULAB
88/05/29	25 7. 47.	CONCRETE CUTTER	HITACHI	CM11	1	WITH ACCESORIES	STRULAB
88/05/29	25 7. 48.	PIPE THREADING & CU	REX	N-40A	1	WITH ACCESORIES	STRULAB
88/05/29	25 7. 49.	AC ARC WELDING MACHI	DAIDEN	BSW-250L	1	WITH ACCESORIES	STRULAB
88/09/24	33 1	OVER HEAD TRAVELLIN CRANE		15/5 TON	1	HOIST TYPE	STRULAB
88/10/03	34 1. 1	STATIC JACK		JA-20	4	THROUGH ROD TYPE STATIC JACK SYSTEM	STRULAB
88/10/03	34 1. 2	STATIC JACK		JA-50	2	THROUGH ROD TYPE STATIC JACK SYSTEM	STRULAB
88/10/03	34 1. 3	STATIC JACK		JA-100	4	THROUGH ROD TYPE STATIC JACK SYSTEM	STRULAB
88/10/03	34 1. 4	STATIC JACK		SLP 50-15	6	HOSE JACK TYPE STATIC JACK SYSTEM	STRULAB
88/10/03	34 1. 5	HYDRAULIC HAND PUMP		PW-250-15	2	ROTARY OIL PUMP STATIC JACK SYSTEM	STRULAB
88/10/03	34 1. 6	HYDRAULIC PUMP UNIT		MTE-0.75	3	STATIC JACK SYSTEM	STRULAB
88/10/03	34 1. 7	HYDRAULIC PUMP UNIT		LH-5	1	STATIC JACK SYSTEM	STRULAB
88/10/03	34 1. 8	HYDRAULIC HOSE		5m	20	STATIC JACK SYSTEM	STRULAB
88/10/03	34 1. 9	HYDRAULIC HOSE		10m	32	STATIC JACK SYSTEM	STRULAB
88/10/03	34 1.10	CONNECTOR FOR HYDRAULIC HOSE			20	STATIC JACK SYSTEM	STRULAB
88/10/03	34 1.11	CONNECTOR FOR HYDRAULIC HOSE			10	STATIC JACK SYSTEM	STRULAB
88/10/03	34 1.12	TENSION BAR /36 HOSE JOINT			3	STATIC JACK SYSTEM	STRULAB
88/10/03	34 2. 1	ACTUATOR +- 50 TONF			4	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 2	CONTROL UNIT		4825	4	WITH RACK CASE ACUATOR SYSTEM	STRULAB
88/10/03	34 2. 3	CONTROL CABLE		15m	6	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 4	CONNECTOR BOX			1	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 4	CONTROL CABLE		30m	6	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 5	HYDRAULIC PUMP UNIT		QF-40	1	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 6	HYDRAULIC PIPING / 38mm			1	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 7	ACCUMULATOR SYSTEM			2	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 8.1	HYDRAULIC HOSE		12m	12	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 8.2	HYDRAULIC HOSE		5m	6	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 9.A	PLATE FOR ATTACHING ACUATOR			4	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 9.B	PLATE FOR ATTACHING ACUATOR			4	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2. 9.C	BOLT		H36	40	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2.10.1	ACTUATOR BASE			4	ACTUATOR SYSTEM	STRULAB
88/10/03	34 2.10.2	MAINTENANCE PARTS - CONSUMABLES			1	ACTUATOR SYSTEM	STRULAB
88/10/03	34 3.1	MEASURING CONTROL UNIT (300 & 50TN)			2	FOR UNIVERSAL TESTING MACHINE	STRULAB
88/10/03	34 3.2	TESTING MACHINE FOR 300 TN			1	FOR UNIVERSAL TESTING MACHINE	STRULAB
88/10/03	34 3.3	TESTING MACHINE FOR 50 TN			1	FOR UNIVERSAL TESTING MACHINE	STRULAB
88/10/03	34 3.4	CONTROL BOARD FOR HIDRAULIC JIG			1	FOR UNIVERSAL TESTING MACHINE	STRULAB
88/10/03	34 3.5	SAFETY DEVICE			1	FOR UNIVERSAL TESTING MACHINE	STRULAB
88/10/03	34 3.6	STANDARD ACCESORIES			1	FOR UNIVERSAL TESTING MACHINE	STRULAB
88/10/03	34 3.7.1	LOAD SIGNAL CONVERTER(ELECT.MEAS.U)			1	UNIV. TESTG.MACH.-ELECTRIC MEASURING UNIT	STRULAB
88/10/03	34 3.7.2	X-Y RECORDER (ELECT.MEASURING UNIT)			1	UNIV. TESTG.MACH.-ELECTRIC MEASURING UNIT	STRULAB
88/10/03	34 3.7.3.1	LOAD CELL SH-5 (ELECT.MEASURING U)			1	UNIV. TESTG.MACH.-ELECTRIC MEASURING UNIT	STRULAB
88/10/03	34 3.7.3.2	LOAD CELL SH-10T(ELECT.MEASURING U)			1	UNIV. TESTG.MACH.-ELECTRIC MEASURING UNIT	STRULAB
88/10/03	34 3.7.3.3	LOAD CELL SH-50T(ELECT.MEASURING U)			1	UNIV. TESTG.MACH.-ELECTRIC MEASURING UNIT	STRULAB
88/10/03	34 4. 1.1	DIAL GAUGE TH-1205			6	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 1.2	DIAL GAUGE KM-130			10	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 1.3	DIAL GAUGE KM-155			10	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 2.1	DISPLACEMENT GAUGE CDP-10			4	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 2.2	DISPLACEMENT GAUGE CDP-25			10	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 2.3	DISPLACEMENT GAUGE DT-50A			10	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 2.4	DISPLACEMENT GAUGE DT-100A			10	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 2.5	DISPLACEMENT GAUGE DT-200A			6	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 2.6	DISPLACEMENT GAUGE DT-200A			6	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 3	DISPLACEMENT STRAIN MEASURING INSTR		DPN-601A	6	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 4	DC AMPLIFIER DA-510B			3	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 5	STATIC DISTORTION MEASURING INSTRUM		UCAM 5B	1	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 6.1	SCANNER WITH ONE TOUCH CONNECTOR		USB-50A	1	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 6.2	SCANNER		USB-50A	2	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 7	STRAIN METER		TC-21K	1	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 8	LOAD CELL		CLF-200	1	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4. 9	X-Y RECORDER		RW-201	2	FOR STATIC FORCE MEASURING UNIT	STRULAB
88/10/03	34 4.10	SPARE PARTS			9	NDIS PIN,ROLL PAPER,STEEL STRAIN & ETC	STRULAB
88/10/03	34 5.1.1	AUTOMATIC VIBRATION CONTROL UNIT		G01-002L	1	VIBRATION TESTING SYSTEM-CONTROL CONSOLE	STRULAB

DATE	No NUMBER OR.OBJECT	DESCRIPTION	MADE BY	MODEL	QTY	COMMENTS	UBICATION
88/10/03	34 5.1.2	RONDAM VIBRATION CONTROL UNIT		G02-301	1	VIBRATION TESTING SYSTEM-CONTROL CONSOLE	STRULAB
88/10/03	34 5.1.3	POWER AMPLIFIER		G11-003	1	VIBRATION TESTING SYSTEM-CONTROL CONSOLE	STRULAB
88/10/03	34 5.1.4	MAGNETIC GENERATOR		G31-003	1	VIBRATION TESTING SYSTEM-CONTROL CONSOLE	STRULAB
88/10/03	34 5.1.5	CENTERING CONTROLLER		G05-011	1	VIBRATION TESTING SYSTEM-CONTROL CONSOLE	STRULAB
88/10/03	34 5.1.6	POWER CONTROLLER		G03-002	1	VIBRATION TESTING SYSTEM-CONTROL CONSOLE	STRULAB
88/10/03	34 5.1.7	RACK CASE		G03-002	1	VIBRATION TESTING SYSTEM-CONTROL CONSOLE	STRULAB
88/10/03	34 5.2.1	VIBRATION GENERATOR		G24-210	1	VIBRATION TESTING SYSTEM-GENERATOR UNIT	STRULAB
88/10/03	34 5.2.2	HORIZONTAL VIBRATION TABLE		G61-112	1	VIBRATION TESTING SYSTEM-GENERATOR UNIT	STRULAB
88/10/03	34 5.2.3	ACCELERATION DETECTOR			2	VIBRATION TESTING SYSTEM-GENERATOR UNIT	STRULAB
88/10/03	34 5.3	COOLING BLOWER		MI-10X	1	VIBRATION TESTING SYSTEM-COOLING UNIT	STRULAB
88/10/03	34 5.4.1	ACCESORIES FOR VIBRATION TESTING S.			6	AIR COMPRESSOR, MAINT. PARTS, COVER & ETC	STRULAB
88/10/03	34 6. 1.1	MICRO ACCELERATION SENSOR		AS-1GB	3	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 1.2	MICRO ACCELERATION SENSOR		AS-2GB	3	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 1.3	MICRO ACCELERATION SENSOR		AS-5GB	3	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 1.4	EXTENSION CORD 5M.			10	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 2	INSTRUMENTS		DFM-611A	12	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 3	BRIDGE BOX		DB-120P	10	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 4.1	6CH PEN OSCILLOGRAPH		8K22-1-L	2	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 4.2	GALVANOMETER		3124-HY	12	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 4.3	SIGNAL CONDITIONER		1182	12	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 5.1-3	CORD, CABLE			60	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 6	DATA RECORDER & VIDEO CASSETTE TAPE		RTP-610B	1	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 7	ACCELERATION DETECTOR		ASQ-5BL	3	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 8.1	CONDITIONER FOR ASQ-5BL & VAQ-500A			3	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 8.2	INPUT CORD			3	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6. 9	DIGITAL STORAGE SCOPE		DS-6121A	1	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 6.10	A/D CONVERTER		ADC-116C	1	MEASURING SYSTEM DYNAMIC FORCE EXPERIMENT	STRULAB
88/10/03	34 8.1	VOLTAGE STABILIZER		AFE-50A	3	VOLTAGE STABILIZER	STRULAB
88/10/03	34 8.2	WIRINGS FOR VOLTAGE STABILIZER			1	VOLTAGE STABILIZER	STRULAB
88/10/03	34 9.1.1	PERSONAL COMPUTER	IBM	PS/2 MOD 60	1	ACTUATOR CONTROL SYSTEM	STRULAB
88/10/03	34 9.1.2	A/D D/A SYSTEM			1	ACTUATOR CONTROL SYSTEM	STRULAB
88/10/03	34 9.2.1	PERSONAL COMPUTER	IBM	PS/2 MOD 50	1	STATIC FORCE MEASURIN SYSTEM	STRULAB
88/10/03	34 9.2.2	A/D D/A SYSTEM			1	STATIC FORCE MEASURIN SYSTEM	STRULAB
88/10/03	34 9.3.1	PERSONAL COMPUTER	IBM	PS/2 MOD 50	1	DYNAMIC FORCE MEASURIN SYSTEM	STRULAB
88/10/03	34 9.3.2	A/D D/A SYSTEM			1	DYNAMIC FORCE MEASURIN SYSTEM	STRULAB
88/10/03	34 9.4	APPLICATION SOFTWARE FOR LOAD & MEAS			1		STRULAB
88/10/29	35 1	FORKLIFT TRUCK	KOMATSU	FD45C-4	1	MONTACARGAS	STRULAB
89/04/01	45 1	ANCHOR BASE FOR VIBRATOR MACHINE	ANCHOR?	EX-2500L	2		STRULAB
90/04/19	64 3	THREE GANG MORTAR MOLD		C-48	10		STRULAB
90/04/19	64 1	LE CHATRIE FRASK	ASTM	C-11A	2		STRULAB
90/04/19	64 10	ENAMELED BEAKER		C-14A, B	2	500 ML, 1000 ML.	STRULAB
90/04/19	64 11	POLYETHYLENS BEAKER		C-13PK, N	2	500 ML, 1000 ML.	STRULAB
90/04/19	64 12	PORCELAIN MORTAR WITH PESTLES		S-11	3		STRULAB
90/04/19	64 13	LARGE SPOON		C-68	2		STRULAB
90/04/19	64 14	TAMPING ROD	JIS	C-19	2		STRULAB
90/04/19	64 15	HOT PLATE WITH FUN		TA-355F	1		STRULAB
90/04/19	64 16	AGGREGATE AND CONCRETE MEASURES	2 LITEES	C-18A	1		STRULAB
90/04/19	64 17	AGGREGATE TEST SIEVE TEST		TC-205	2		STRULAB
90/04/19	64 18	VIBRO SIEVE SHAKER		TG-108	1		STRULAB
90/04/19	64 19	WOODEN FRAME SIEVES		TC-213	1	1 2', 1 1/2', 1 3/4', 1/2', 3/8', 0.269'	STRULAB
90/04/19	64 2	FLASK HOLDING WEIGHT			2		STRULAB
90/04/19	64 20	SCRATCH ROD			3		STRULAB
90/04/19	64 21	SAMPLE PANS			2	350 X 270 MM., 450 X 350 MM.	STRULAB
90/04/19	64 22	UNIT DETERMINATION TEST SET		TC-241	1		STRULAB
90/04/19	64 23	HAND SCOOP, ROUND AND SQUARE		G33, 34	5		STRULAB
90/04/19	64 24	CONCRETE SHOVELS		C-45	3		STRULAB
90/04/19	64 25	CONCRETE MIXING PANS		C-34B	2		STRULAB
90/04/19	64 26	CEMENT CAN		C-77	5		STRULAB
90/04/19	64 27	CYLINDER MOLD, 5 CH.		TC-207A	10		STRULAB
90/04/19	64 28	CYLINDER MOLD, 10 CH.		TC-207B	20		STRULAB
90/04/19	64 29	CYLINDER MOLD, 15 CH.		TC-207D	30		STRULAB
90/04/19	64 30	CAPPING PLATE, IRON MADE		C-32S	10		STRULAB
90/04/19	64 31	TROWEL, LARGE		C-42A	10		STRULAB
90/04/19	64 32	WIRE SCRATCH BRUSH, ROUND AND SQUARE		C-60A, B	5		STRULAB
90/04/19	64 33	ELECTRONIC PRECISION BALANCE		FX-3000	1		STRULAB
90/04/19	64 34	GRADUATED CYLINDER, 1000 ML		G-3PK	3		STRULAB
90/04/19	64 35	BURETTE, 100 ML		G-5F	2		STRULAB
90/04/19	64 36	BURETTE STAND		G-20	1		STRULAB
90/04/19	64 37	ARMOURD THERMOMETER		G-24	3		STRULAB

DATE	No NUMBER OR.OBJECT	DESCRIPTION	MADE BY	MODEL	QTY	COMMENTS	UBICATION
90/04/19	64 38	MAX. AND MIN. THERMOMETER		G-27	1		STRULAB
90/04/19	64 39	HYGROMETER		G-28	1		STRULAB
90/04/19	64 4	TAMPING ROD		C-49	2		STRULAB
90/04/19	64 40	SCHMIDT TEST HAMMER		TC-215NR	1		STRULAB
90/04/19	64 41	PACHOMETER		PQ-120	1		STRULAB
90/04/19	64 42	SAND ABSORTION CONE		TC-516	1		STRULAB
90/04/19	64 43	BEAM MOLD		C-70	6	10 X 10 X 40 CMS.	STRULAB
90/04/19	64 44	ELECTRIC OVENS		TG-112B	1		STRULAB
90/04/19	64 45	PLASTIC CONTAINERS			2	1500 X 1000 X 600 MM.	STRULAB
90/04/19	64 46	MAGNIFYING GLASS			3		STRULAB
90/04/19	64 47	BASKET 25 CM. DIAM.			20		STRULAB
90/04/19	64 48	COARD REAL			2		STRULAB
90/04/19	64 49	AGITATION CONTAINER		C-208	2		STRULAB
90/04/19	64 5	MORTAR MIXING BOWL AND SPOON		C-13	5		STRULAB
90/04/19	64 50	DUBOSQUE'S COLORIMETER		TC-507	1		STRULAB
90/04/19	64 51	COLORIMETER TUBE		TC-506	1		STRULAB
90/04/19	64 52	COARSE AGGREG. SPECIF. GRAVITY TEST		TC-239	1		STRULAB
90/04/19	64 53	AUTOMATIC SALINITY METER			1		STRULAB
90/04/19	64 54	CYLCAP		C-66S	2		STRULAB
90/04/19	64 55	CAPPING APPARATUS		TC-209B	1		STRULAB
90/04/19	64 56	CAPPING APPARATUS		TC-209A	1		STRULAB
90/04/19	64 57	CAPPING COMPOUND WARMER		TC-326	1		STRULAB
90/04/19	64 6	LOADING ATACHMENT		C-39	1		STRULAB
90/04/19	64 7	CEMENT KNIFE		C-14	2		STRULAB
90/04/19	64 8	STRAIGHTEDGE		C-15	2		STRULAB
90/04/19	64 9	GLASS BEAKER		C-13K, N	2	500 ML, 1000 ML.	STRULAB

耐震性 5 階建て共同住宅の開発企画書(Dr.KuroiwaがUNDROに提出した資料)

DEVELOPMENT OF LOW COST EARTHQUAKE RESISTANT
5-STORY APARTMENT BUILDINGS

1.- INTRODUCTION.

It is one of the most important CISMID project, and is to be developed in its Structures Laboratory. The aim is not only to obtain earthquake resistant buildings, - but, due to their low cost, will contribute to reactivate the construction industry. Since many construction materials are needed, by chain reaction, it will pull economically other sectors, providing jobs to thousands of workers. This fact is particularly important, at this time, when the country is facing a very difficult economic problem.

On the other hand, due to massive construction of small individual housing units during the last few decades, large cities like Lima is expanding to much, destroying the scarce cultivated areas and making vital services as water and transportation very costly, due to long distances to cover. So the planners are now trying to increase in appropriate way, the population density in the cities - central areas, by substituting old hazardous adobe constructions by low cost multistory apartment buildings and using the existing vacant lots. So, it is very important to develop, low cost earthquake resistant multistory apartment buildings, as soon as possible.

2.- DEVELOPMENT PROGRAM.

Since reducing cost is very important a multidisciplinary team is going to participate in the development of the building.

A short abstract of the method is:

- A national contest to get the contribution of the most experienced and talented people to get ideas of how to reduce cost from the foundation to the last finishing.

Nov-Dic. 1990

- Development and improvement of analysis methods. May 1991 -
Set 1992
- Improvement of roof slab May 1991 -
Apr 1992.
- Improvement of wall systems March 1991 -
Oct 1992.
- Improvement of other construction components and finishing. May 1992 -
Oct 1992.
- Development of low cost and efficient electrical system May 1991 -
Oct 1992.
- Development of low cost and efficient water and sewage system. "
- Improvement of the building solution & final verification Oct 1992 -
Oct 1993.
- Partial & final reports Dic 1991,
Dic 1992 and
Jul-Dic 1993
- Diffusion programs: 3rd country seminar, publication of results Set 1993 -
Dic 1993.

3.- NECESSITIES & PARTICIPATING CONTRIBUTORS.

The most critical problem to solve from the financing point of view is the salary payment of the key personnel participating in the building development program due to the very critical economic situation of Peru and restriction existing in JICA. So the strategy to solve this problem is to get the participation of additional institutions with no such a restrictions able to provide funds and expertise.

So, it has been made coordination with UNDP/UNDRO, ININVI, the Minister of Housing and Construction, the Peru Civil Defense chief, the Japanese Mission members and UNI authorities to make a multinstitutional project with the participation of JICA, UNI, Ministry of Housing and Construction (which include ININVI), Peru Civil Defense, UNI/CISMID and other official and private institutions.

The main contributors of the program are.

3.1 UNDP/UNDRO

Most of the funds to be provided by UNDP/UNDRO is to be expended in salaries of some key personnel, Peruvian advisers and to auspice thesis at CISMID/UNI - Structures Lab. and Catholic Univ Lab., as follow.

a) Project chief 36 m x US \$ 1500/m =	54,000.
b) Coordinator 36 m x US \$ 600/m =	21,600.
c) Equipment responsible 36m x 300/m =	10,800.
d) Architecture adviser 8 m x 1500/m =	12,000.
e) Struct. adviser 15 m x 1500/m =	22,500.
f) Electric. engg. adviser 4m x 1500/m =	6,000.
g) Water inst. adviser 4m x 1500/m =	6,000.
h) Construct method adv. 6m x 1500 =	9,000.
i) Const. cost adv. 4 m x 1500 =	6,000.
	<hr/>
US \$	147,900.

- Partial auspice of thesis at Structures Lab. of CISMID & Catholic Univ.	40,000.
- Subcontracts	8,000.
- Publications	8,000.
	<hr/>
US \$	203,900.

3.2 ININVI & other Peruvian institutions

It is estimated that ININVI (National Institute of Housing) will provide in Peruvian currency the equivalent of US \$ 50,000 (or more) to improve the salary of assistants, including UNI graduate student working in their thesis. The Ministry of Housing Mr. Guillermo del Solar, an UNI graduate engineer and former UNI professor, is most interested in this program, and the ININVI funds which is generated by special tax, depend on him.

For the prize of the nation wide contest of ideas to reduce construction cost and development of new construction system the Peruvian Chamber of Construction (CAPECO) will provide US \$ 5,000 and it is

expected that additional fund will provide by CAPECO during the development of the project and also advice.

The Association of Peru Cement Producer is being contacted to increase the contest prize and to give additional contribution during the project development.

It is uncertain, at the moment, when CONCYTEC (The National Council of Science and Technology) will effectively be reactivated, but if it is so during the development of the project, CONCYTEC will be an important contributors as has been during the last 4 years.

3.3 JICA

In the proposal (draft) the tentative JICA contribution, consisting on high level advice, maintenance of equipment, training of Peruvian personnel, construction material and 1/2 scale model to be tested and, third country seminar has been included. However the final figure will be provided by Dr.Y Ishiyama with whom coordination is being made.

3.4 CISMID/UNI

CISMID is the main responsible of the project, but officially the Minister of Housing and Construction is signing the Peru-Government-UNDP/UNDRO agreement CISMID will provide personnel & facilities for the development of the project. An important effort is being made to improve the working conditions, include salaries of the CISMID staff.

4.- PRESENT STATUS

All the concerned persons and institutions: the Ministry of Housing & Construction, Peru Civil Defense chief, UNDP and UNDRO officials, JICA mission members, UNI authorities and the representant of the other involved institutions have given their approval to the draft, which has been improved according to their recommendations.

Last October 24, a telephone call from Mr. Dusan Zupka, UNDRO official for Latin America, approved that the Peru Government be represented by the Ministry of Housing and Construction.

In few days the final proposal will be ready for official request from the Peru Government to UNDP/UNDRO.

5.- IMPORTANT COMMENTS

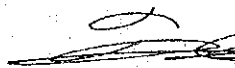

This project will be concluded in December 1993, and the third Country Seminar, reporting the results of this program, has been set for September 1993, so it is very much convenient that the JICA project be extended up to the end of Japanese Government FY 1993.

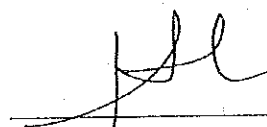

プロジェクト協力期間延長R/D

RECORD OF DISCUSSIONS BETWEEN
THE RESIDENT REPRESENTATIVE OF JICA PERU OFFICE AND
THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE REPUBLIC OF PERU
ON THE JAPANESE TECHNICAL COOPERATION FOR THE JAPAN-PERU CENTER
FOR EARTHQUAKE ENGINEERING RESEARCH AND DISASTER MITIGATION

The Japanese Evaluation Team organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Dr. Masaya Hirose had a series of discussions with the authorities concerned of the Government of the Republic of Peru from October 29 to November 2, 1990 with respect to the evaluation of the achievement of the technical cooperation for the "Japan-Peru Center for Earthquake Engineering Research and Disaster Mitigation" (hereinafter referred to as "CISMID"), and desirable measures to be taken by the authorities concerned of both Governments to ensure its successful achievement. Based on the above discussions, the Resident Representative of JICA in PERU and Rector, Universidad Nacional de Ingenieria agreed to recommend to their respective Governments the matters referred to in the documents attached hereto.

Lima, 26th June, 1991



Mr. TAKAO MIZONOUCHI
Resident Representative,
JICA Peru Office



Mr. JAVIER SOTA NADAL
Rector, Universidad
Nacional de Ingenieria

THE ATTACHED DOCUMENT

1. The technical cooperation for "CISMID" between the Government of Japan and the Government of the Republic of Peru is evaluated to have made a good progress toward the anticipated purposes. However, it is observed that the continuous cooperation should be made to ensure the consolidation of the technical cooperation.

For that purpose, it is necessary to extend the term of the technical cooperation for further two years until 25th June, 1993. The Project will be implemented in principle according to THE ATTACHED DOCUMENT and ANNEX of the previous Record of Discussions signed on June 26, 1986 unless otherwise mentioned.

2. The Government of Japan will take necessary measures:
 - (1) to dispatch Japanese experts as referred to in the Annex attached hereto;
 - (2) to provide adequate equipment and materials needed to consolidate the technical cooperation;
 - (3) to receive Peruvian Counterpart Personnel for technical training in Japan.
3. The Government of Peru will take necessary measures:
 - (1) to place Peruvian Counterpart Personnel to each Japanese Expert;
 - (2) to recruit and retain the necessary number of qualified staff with the minimum of the B.Sc. degree so that implementation of staff development can be achieved;
 - (3) to train the CISMID staff through the relevant postgraduate programmes;
 - (4) to complete the buildings and facilities of CISMID at its own expense at the first priority;
 - (5) to improve the financial condition through the appropriate budget allocation of UNI and consulting and research

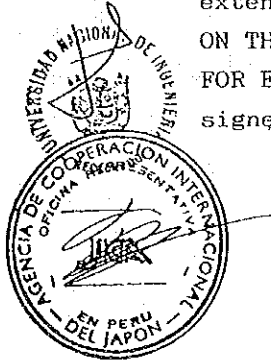


projects with the utilization of the Foundation for Engineering;

(6) to prepare and approve the syllabi necessary for the higher courses like post graduate program to be implemented.

4. Term of cooperation written in XI of THE ATTACHED DOCUMENT of the Record of Discussion signed on 26th June, 1986 is amended as "seven (7) years from June 26, 1986" from "five (5) years from June 26, 1986".

5. The tentative schedule of implementation of the Project for the extended term is shown in TENTATIVE SCHEDULE OF IMPLEMENTATION ON THE JAPANESE TECHNICAL COOPERATION FOR THE JAPAN-PERU CENTER FOR EARTHQUAKE ENGINEERING RESEARCH AND DISASTER MITIGATION signed on 26th June 1991.



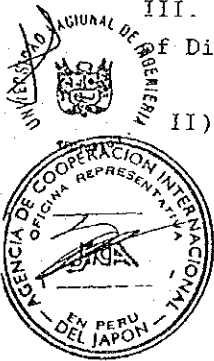
ANNEX

I. Training program referred in I- (2) of ANNEX attached to the Record of Discussions signed on June 26, 1986 is implemented by offering a series of short courses in place of the regular course.

II. Dissemination Activities referred in i) of b. of (3) of 1. of I. of ANNEX attached to the Record of Discussions signed on June 26, 1986 is amended as follows:

1) Seminars are to be organized appropriately for those (administrative personnel, professional or university student) who are involved in structural design and/or disaster mitigation for the purpose of diffusing general technologies and techniques in the field of both seismic design and disaster mitigation, and also diffusing the results of the Technology Development under the Project.

III. JAPANESE EXPERT referred in II. of ANNEX attached to the Record of Discussions signed on June 26, 1986 is amended as follows:



II) JAPANESE EXPERTS

1. Chief Adviser
2. Coordinator
3. Expert in one of the following fields:
 - (1) Earthquake Engineering
 - (2) Structural Testing
 - (3) Geotechnical Engineering and Applied Seismology
 - (4) Urban Disaster Mitigation Planning

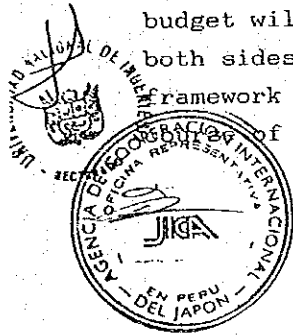
NOTE: 1) Long-term experts may be replaced by short-term ones under unavoidable circumstances.
2) Short term experts may be dispatched when necessity arises, for the smooth implementation of the Project.

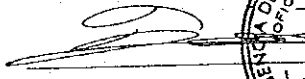
TENTATIVE SCHEDULE OF IMPLEMENTATION
ON THE JAPANESE TECHNICAL COOPERATION
FOR THE JAPAN-PERU CENTER FOR EARTHQUAKE ENGINEERING RESEARCH
AND DISASATER MITIGATION

The Resident Representative of Japan International Cooperation Agency (hereinafter referred to as "JICA") in Peru and Peruvian authorities concerned have jointly formulated the Tentative Schedule for the Implementation of the Project for the extended term as annexed hereto.

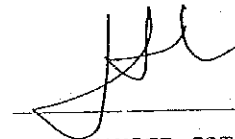
This Schedule has been formulated in connection with the Attached Document of the Record of Discussions signed on 26th June, 1991, between the Resident Representative of JICA in Peru and Rector, National University of Engineering on the technical cooperation for the "Japan-Peru Center for Earthquake Engineering Research and Disaster Mitigation", on condition that necessary budget will be allocated for the implementation of the Project by both sides and that the schedule is subjected to change within the framework of the Record of Discussions when necessity arises in the of implementation of the Project.

Lima, 26th June, 1991




Mr. TAKAO MIZOBUCHI
Resident Representative
JICA Peru Office

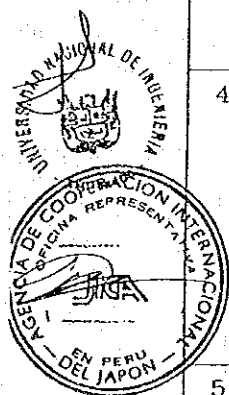



Arq. JAVIER SOTA NADAL
Rector, National
University of Engineering



TENTATIVE SCHEDULE FOR IMPLEMENTATION OF THE PROJECT

ITEM	C.Y.	1991	1992	1993
DURATION OF PROJECT		:<----->		:>:
PERUVIAN ACTIVITIES		:		:
1. Establishment of the Center		:		:
2. Provision of Staff		:<----->		:>:
3. Construction		:		:
A.A. (1F)		:		:
A.A. (2F)		:		(3F):
A.A. (3F)		:<----->		:>:
Geotec. Lab.		:		:
Struc. Lab.		:<----->		:>:
Access & Guard		:		:
Auditorium		:<----->		:>:
Gardening & Fence		-	(maintenance)	:
Residence		:<----->		:>:
4. Provision of Office Furniture/Instrument		:		:
A.A. (1F)		:		:
A.A. (2F)		:		(3F):
A.A. (3F)		:		:>:
Geotec. Lab.		:		:
Struc. Lab.		:		:
Access & Guard.		:		:
Auditorium		:<----->		:>:
Residence		:<----->		:>:
5. Procedure of Receiving Equipment Provided by JICA (Custom Clearance, Carrying in the Center, Installation, Etc.)		:<----->		:>:



ITEM	C.Y.	1991	1992	1993
6. Technology Development	Theoretical	:<		>:
	Geotec. Testing	:<		>:
	Struc. testing	:<		>:
7. Training Act.	Regular Course	:<		>:
	Advanced Course	>:<	><	>:
		>:<		>:
8. Dissemination Act.				
Seminar	<->	<->	<-> <->	<->:
JAPANESE ACTIVITIES		:		:
1. Dispatch of Japanese Experts		:<		>:
(a) Long Term Experts				
1) Chief Advisor		>:<		>:
2) Coordinator			><	>:
3) Earthquake Engineering		><		>:
4) Geotec.		><		>:
5) Struc.		><		>:
6) Urban Disaster Plan		><		>:
b) Short Term Experts				
1) Inst. of Equip. and Train. of Oper		:<		>:
2) Experts for (a) - 3)~(a) - 6)		:<		>:



ITEM	C.Y.	1991	1992	1993
2. Training of Peruvian Staff in Japan		:<		:>
3. Supply of Equipment For A.A. For Geotec. Lab. For Struc. Lab.		:<		:>
4. Construction of Reaction Wall & Floor		:		:
5. Dispatch of Survey Team		:		:
Evaluation Team		:	<->	:
Other		:<->		:



- Notes:
- (1) This is tentatively formulated on the assumption that necessary budget will be acquired.
 - (2) This schedule is subject to change within the scope of the Record of Discussions, if necessary.

7