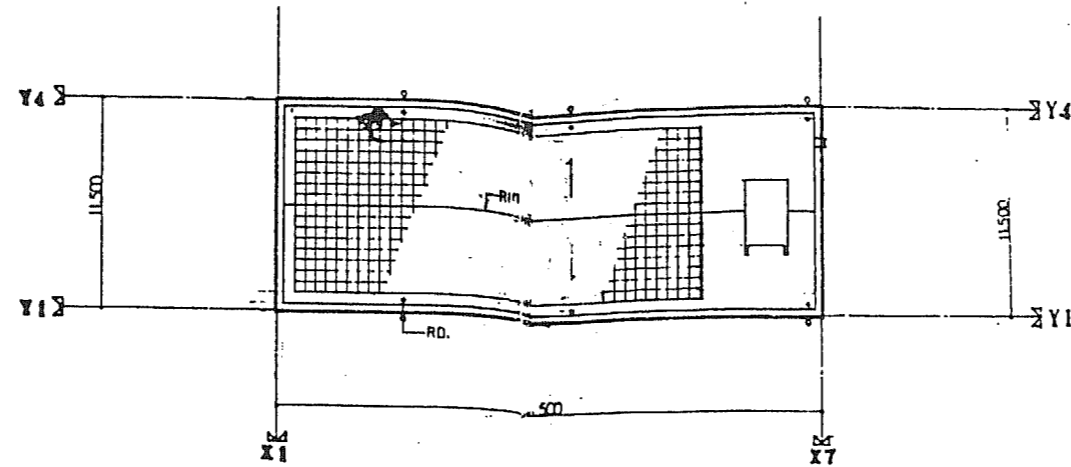
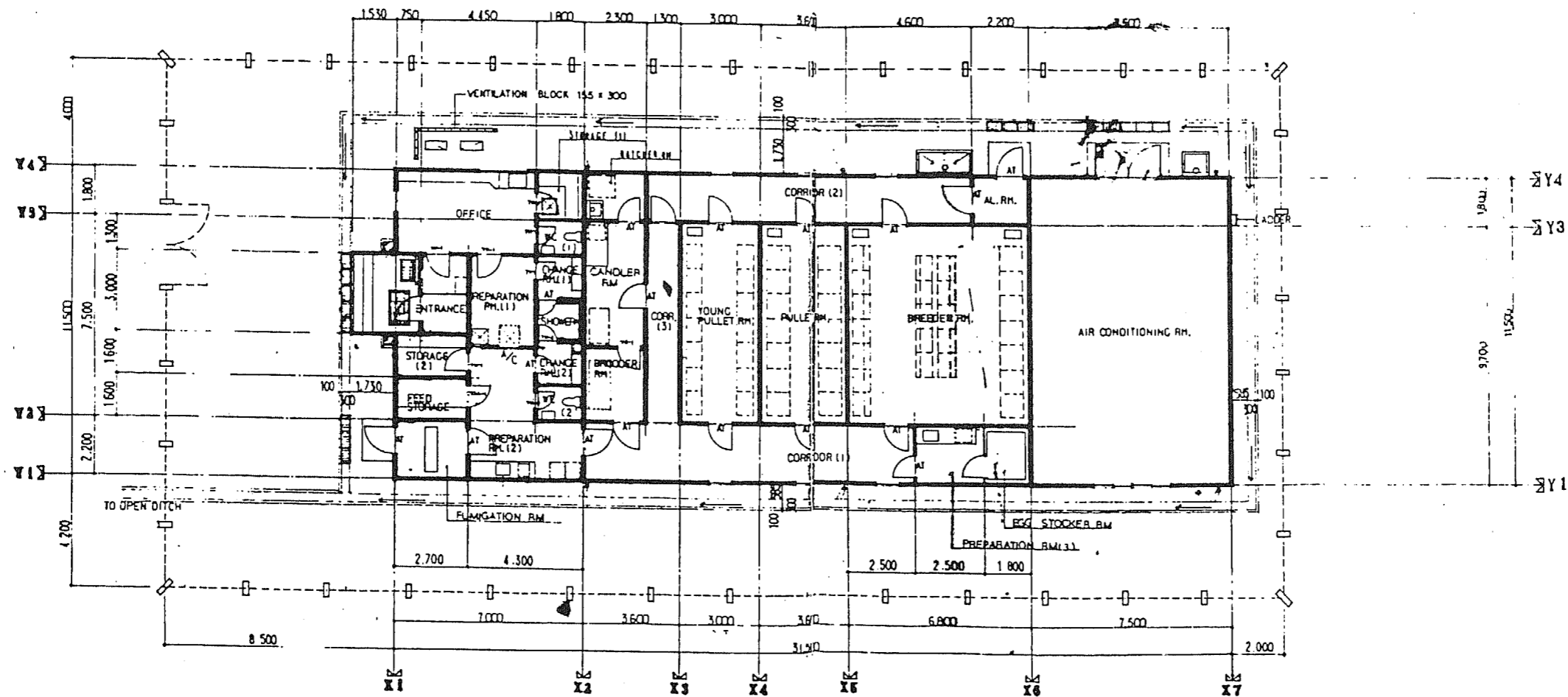


第2図 SPF鶏舎設計図



ROOF PLAN 1:200



FLOOR PLAN 1:100

SPF POULTRY UNIT

REVISION	APPROVED BY	JOB THE PROJECT FOR THE CONSTRUCTION OF	0812
01	<i>[Signature]</i>	TITLE THE ASEAN POULTRY DISEASE RESEARCH AND TRAINING CENTRE	
02	CHECKED BY	SHEET FLOOR PLAN, ROOF PLAN	AII-004
03	<i>[Signature]</i>	TITLE	1:100
04	DRAWN BY	<b>GKK CONSULTANTS, INC.</b>	
05	<i>[Signature]</i>	GENDAI KENCHIKU KENKYUJO, Tokyo, Japan	



第6表 研修員受入実績

研修分野	氏 名	研修期間
管理運営	Dr. Gan Chee Hiong	1986. 1/15 - 1986. 2/ 6
	Dato Dr. Mustaffa Babjee	1988. 7/ 3 - 1988. 7/ 7
	Dr. Hadi bin Dato Hashim	1989. 11/ 6 - 1989. 11/19
	Mr. Yahya Muhamad	1990. 3/11 - 1990. 3/26
	Dr. Anwar Hassan	1992. 2/ 2 - 1992. 2/15
	Dr. Kardin bin Shukor	1991. 11/ 5 - 1991. 11/17
	Dr. Yussof bin Mohd Noor	1992. 12/13 - 1992. 12/25
ウイルス学	Dr. Chai Kim Kheng	1987. 3/24 - 1987. 9/29
	Mdm. Cheah Ngan Yoke	1989. 7/24 - 1989. 12/23
	Dr. Wan Mohd. Kamil	1991. 3/25 - 1991. 9/19
	Mr. Lim Kean Taik	1992. 3/30 - 1992. 7/ 2
	Mdm. Ong Geok Huai	1992. 9/27 - 1992. 11/27
	Mdm. Lim Siew Sam	1992. 9/27 - 1992. 11/27
細菌学	Ms. Zaini dt. Mohd. Zain	1987. 1/12 - 1987. 5/30
	Ms. Siti Zaleha Abd. Talib	1987. 9/21 - 1987. 12/20
	Mdm. Tan Lin Jee	1990. 9/ 9 - 1990. 12/ 9
	Mdm. Siti Hajah bte Ibrahim	1992. 10/ 9 - 1992. 12/ 8
	Mr. Buthtaman bin Yusof	1992. 10/ 9 - 1992. 12/ 8
	Mr. Karuppaiya a/l Annamalai	1992. 10/ 7 - 1992. 12/ 8
寄生虫学	Mr. Parameswaran	1987. 1/12 - 1987. 7/18
	Dr. Rahmat bin Sheriff	1989. 3/13 - 1989. 9/27
	Dr. Chandrawathani Panchacharam	1992. 10/ 7 - 1992. 12/ 8
病理学	Mr. Yap Hon Choong (電子顕微鏡)	1987. 9/20 - 1987. 12/ 1
	Dr. Mahani bt. Hamid	1989. 3/13 - 1989. 9/27
	Mr. Ganesan Sethalingam (電顕)	1990. 3/18 - 1990. 8/ 8
	Mdm. Zuraidah bt. Ahmad	1992. 1/ 6 - 1992. 3/29
疫 学	Mdm. Tan Choong Lian	1991. 3/25 - 1991. 6/23
S P F	Mr. Lip Kim Lock	1987. 12/ 5 - 1988. 5/31
	Mr. Peter Mangalam Dus	1991. 3/25 - 1991. 9/11

第7表 供与機材リスト

1991年度供与機材リスト

ウイルス学	1. 二酸化炭素ガス缶	853.00 (M\$)
	2. 実験室用収納棚	4,510.00
	3. 防毒マスク	1,212.00
	4. フィルターとフィルターホルダー	7,616.00
	5. 安全バーナー	4,800.00
	6. 低温高速遠心機	42,598.00
	計	61,589.00
寄生虫学	1. 真空濃縮装置	20,886.00
	2. 電気泳動装置	24,175.00
	3. ゼラチンドライヤー	4,022.00
	4. 微量秤	5,690.00
	5. 液体窒素セット	5,585.00
	6. 回転式ミキサー	3,618.00
	7. 実験用ジョッキ	673.00
	計	64,649.00
病理学	1. 渦巻攪拌機	1,133.00
	2. 冷蔵庫	3,732.00
	3. ヘアードライヤー	74.00
	4. 組織病理用フロートバス	1,300.00
	5. ホットプレート攪拌機	852.00
	6. ガス吸引換気装置	9,800.00
	7. ワックスバス、ビーカー	4,510.00
	8. 実績用机	1,538.00
	9. 保温機	2,300.00
	10. 電顕用部品保存棚	1,900.00
	11. 電気掃除機	313.00
	計	27,542.00
細菌学	1. DNA 増幅装置	14,750.00
	2. 分画用カラム	580.00
	3. DNA 電気泳動装置	22,565.00
	4. 攪拌装置	2,850.00
	5. 沈降線観察装置	315.00
	6. 陰圧乾燥機	165.00
	計	41,225.00
管理棟	1. -80度冷凍庫	23,208.00
	2. 複写機	22,600.00
	3. パーソナルコンピューター(2)	18,145.00
	4. レーザーデスクプリンター	7,687.00
	計	71,640.00
	(1M\$=49.1159JY 13,096,509円)	合計 266,645.00

1992年度供与機材リスト

ウイルス学 (M\$)

- |            |           |
|------------|-----------|
| 1. 微量遠心分離機 | 14,725.00 |
| 2. 蛋白分画装置  | 5,895.00  |

寄生虫学

- |           |           |
|-----------|-----------|
| 1. 超音波処理器 | 13,035.00 |
| 2. 抗原分画装置 | 25,987.00 |

病理学

- |              |           |
|--------------|-----------|
| 1. 超薄切片作製器   | 50,000.00 |
| 2. 回転式切片作製装置 | 38,000.00 |

細菌学

- |                     |           |
|---------------------|-----------|
| 1. 電気泳動冷却装置 (微量透析機) | 30,500.00 |
| 2. ポラロイドカメラ         | 595.00    |

S P F

- |             |           |
|-------------|-----------|
| 1. 飼料調整関連機材 | 50,247.40 |
|-------------|-----------|

合計 299,164.40 M\$

(1M\$ = 50.2613 円) 11,518,100 Yen

第 8 表 供与機材の利用状況

EQUIPMENT PROVIDED

Installation Section	Room	Item	Maker	Model	JICA Item No.	Supplier	Unit Price	Funding Batch	Quantity Sec-Cen	Delivery Date	APDRTC No	Unit Price	Maintenance Fee
	Administration-Conference	VTR-Monitor TV	MEG Corp.	FS-2102	GAI 1	KNC	GRANT AID/G/A Phase 1	2-2	88/01/19	A/A 2/1, 2	C		A
	Administration-Conference	Overhead Projector	ELMO	FB3300	TC 2 105	HISCO	\$1,233.00/TC B 62/2	1-2	88/01/30	A/A 1	B		A
	Administration-Conference	Media board	Sharp	VB-500	TC 2 97	KUJIN	\$7,250.00/TC B 63/1	1	88/07/13	-	B		A
	Administration-Director	Office set	D.F.R.S.	MC-550	TC 2 104	KUAN	\$460.00/TC B 62/2	1-2	88/01/22	A/A 6	A		A
	Administration-Entrance Hall	Shelf	Tai Hontq	-	GK-61/4 16 -1	TAI HON	\$300.00/Project Team 1	1-1	87/03/31	-	A		A
	Administration-Garage	Jeep	Isuzu	TROOPER	TC 1 2-2	ISUZU	\$37,113.00/TC B 61/1	2-2	87/03/31	A/A 3/1, 2	A		A
	Administration-Garage	Van	Nissan	Q30	TC 1 1	TAI CHONG	\$18,418.37/TC B 61/1	1-1	87/03/31	A/A 4	A		A
	Administration-Office	Protocopter	MINOLTA	EP-470Z	TC 1 3	CITY	\$15,300.00/TC B 62/2	1-1	88/01/18	A/A 7	A		C
	Administration-Office	Minibus	TOYOTA	COASTER	TC 2 99	TAMAG	\$89,500.00/TC B 62/2	1-1	88/03/10	A/A 5	A		A
	Administration-Office	Typewriter, electric	CANON	AP210	TC 2 101	CANON	\$2,092.67/TC B 62/2	2-3	87/10/13	A/A 8/1, 2	-		C
	Administration-Office	Paper shredder	AMIDA	C-230A	TC 2 103	KUAN	\$1,445.00/TC B 63/1	1	88/07/13	-	A		C
	Administration-Office	91 Photocopier Machine	MINOLTA	EP-5400	TC 8 1	MINOLTA	\$22,600.00/TC B 3/1	1	92/04/10	A/A 023	A		A
	Administration-Office	91 PC Complete with printer	DAIYAMINI	566 DX-33	TC 8 2	TE COMPUTER	\$18,145.00/TC B 3/1	1	92/03/13	A/A 024	A		A
	Administration-Parasitology	91 Laser Color Printer (Print Jet)	HEWLETT	566 DX-33	TC 8 3	TE COMPUTER	\$23,206.00/TC B 3/1	1	92/03/25	A/A 025	A		A
	Administration-Preparation	80 C Freezer	HEWLETT	CL 410	TC 8 4	TRANS TECH-NO	GRANT AID/G/A Phase 1	1-1	88/01/19	A/A 13	A		A
	Administration-Preparation	Tape Recorder	Matsushita	FX-FM17	TC 8 6	KNC	GRANT AID/G/A Phase 1	1-1	87/03/29	A/A 14	C		A
	Administration-Storage	Power Generator	Yanmar	YDG4500	GK-62/1 27	IPDH-HA	\$5,920.00/Project Team 1	1-1	88/01/19	A/B 3/1	B		A
	Bacteriology-Clean Room	Laminar Flow	San-Ei S	PAU-130	GAI 13	KNC	GRANT AID/G/A Phase 1	1-1	88/07/19	A/B 4/6, 7	A		A
	Bacteriology-Clean Room	Slide table	San-Ei S	S-WT-H	GAI 15	KNC	GRANT AID/G/A Phase 1	1-1	88/07/19	A/B 5/3	A		A
	Bacteriology-Clean Room	Sink	San-Ei S	A-IV	GAI 11	KNC	GRANT AID/G/A Phase 1	1-1	88/07/19	A/B 5/4	A		A
	Bacteriology-Clean Room	Sink	San-Ei S	A-IV	GAI 11	KNC	GRANT AID/G/A Phase 1	1-1	88/07/19	A/B 5/4	A		A
	Bacteriology-Experiment	Autopsy Instrument	Gallenka	PKJ-410	TC 3 36	JANTAH	\$110.00/TC B 63/1	2	88/12/05	A/B 39/1	A		A
	Bacteriology-Experiment	Colony Counter	Gallenka	CNW-325	TC 2 58 -2	QUICKLAB	\$2,258.00/TC B 63/1	1	88/11/24	A/B 27/1, 2	B		A
	Bacteriology-Experiment	Gas pack outfit	Oxoid	HP11	TC 2 54	BUMI SAINS	\$630.00/TC B 63/1	2	88/02/08	A/B 35/1	A		A
	Bacteriology-Experiment	Microtitrators	Titertek	77-440	TC 2 22 -1	FLORLAB	\$3,824.00/TC B 63/1	1	88/08/22	A/B 18/2	A		A
	Bacteriology-Experiment	Refridgerator	Sanyo	SF-3087	TC 3 47	QUICKLAB	\$1,860.00/TC B 63/1	1	88/07/29	A/B 32/1	A		A
	Bacteriology-Experiment	Steniliser	Gallenka	SVF-340	TC 2 31	DELIWA	\$950.00/TC B 63/1	1	88/07/29	A/B 32/1	A		A
	Bacteriology-Experiment	Vortexmizer	Thermoly	37500	TC 2 50	FILCO	\$595.00/TC B 63/1	1	88/11/22	A/B 33/1	A		A
	Bacteriology-Experiment	Slide Table	San-Ei S	D-F-IV	GAI 7	KNC	GRANT AID/G/A Phase 1	1-1	88/01/19	A/B 4/5	A		A
	Bacteriology-Experiment	Carte Table	San-Ei S	FGS5-OL	GAI 8	KNC	GRANT AID/G/A Phase 1	1-2-2	88/01/19	A/B 1/1, 2	A		A
	Bacteriology-Experiment	Instrument Cabinet	San-Ei S	D-F-IV	GAI 10	KNC	GRANT AID/G/A Phase 1	1-2-2	88/01/19	A/B 2/1, 2	A		A
	Bacteriology-Experiment	Slide Table	San-Ei S	S-WT-H	GAI 15	KNC	GRANT AID/G/A Phase 1	1-3-3	88/01/19	A/B 4/1, 2	A		A
	Bacteriology-Experiment	Sink	San-Ei S	A-IV	GAI 11	KNC	GRANT AID/G/A Phase 1	1-4-4	88/01/19	A/B 4/5, 6	A		A
	Bacteriology-Experiment	Storage Cabinet	San-Ei S	CA-IV	GAI 9	KNC	GRANT AID/G/A Phase 1	1-2-2	88/01/19	A/B 5/1, 2	A		A
	Bacteriology-Experiment	Autoclave	TOMY	SS-240	TC 2 32	FILCO	\$5,715.00/TC B 62/2	1-2	88/02/13	A/B 7/1	A		A
	Bacteriology-Experiment	Cooling Cartrifuge	HITACHI	CPRE2	TC 2 4	MEDCOMB	\$13,912.48/TC B 62/2	1-4	88/01/29	A/B 6/1	A		A
	Bacteriology-Experiment	Deep freezer	SANYO	MDP-063	TC 2 2 -2	HISCO	\$5,655.00/TC B 62/2	1-6	88/03/01	A/B 9/1	A		A
	Bacteriology-Experiment	Dessicator	UCHI	1-10-0	TC 2 23	HISCO	\$2,145.00/TC B 62/2	1-10	88/03/01	A/B 10/1	A		A
	Bacteriology-Experiment	Digital Balance	METTLER	FM 400	TC 2 39	SIBER	\$4,455.00/TC B 62/2	1-3	88/01/22	A/B 11/1	A		A
	Bacteriology-Experiment	Incubator CO2	LEFCO	FA-2-N	TC 2 48	HISCO	\$18,507.00/TC B 62/2	1-4	88/04/20	A/B 13/1	A		A
	Bacteriology-Experiment	Incubator Normal	MEMMERT	BE 80	TC 2 46 -1	DELIWA	\$6,290.00/TC B 62/2	1-2	88/03/26	A/B 13/3	A		A
	Bacteriology-Experiment	Microscope	NIKON	X-F-51N	TC 2 12	SHIHO	\$9,575.00/TC B 62/2	1-3	88/01/22	A/B 14/1	A		A

Bacteriology-Laboratory	NIKON	TM-D2	TC2	13	-1	SHIRO	\$15,188.00	TCB 622	1-2	880122	AB 143	A
Bacteriology-Laboratory	NIKON	SMZ-10	TC2	15	-1	SHIRO	\$9,054.00	TCB 622	1-1	880122	AB 142	A
Bacteriology-Laboratory	FLUORLAB	F7-657	TC2	55		FLUORLAB	\$1,160.00	TCB 622	1-2	880127	AB 151	A
Bacteriology-Laboratory	OPION	S4520	TC2	35	-2	DELEMA	\$1,470.00	TCB 622	1-4	880301	AB 161	A
Bacteriology-Laboratory	NALGENE	8245-00	TC2	29		FLUORLAB	\$111.00	TCB 622	1-5	880127	AB 171	A
Bacteriology-Laboratory	National	NFR-316	TC2	1	-2	DELEMA	\$1,600.00	TCB 622	1-6	880125	AB 181	A
Bacteriology-Laboratory	FLUORLAB	SWG-22	TC2	96		FLUORLAB	\$50.00	TCB 622	10-50	880125	AB 201	A
Bacteriology-Laboratory	MEMMERT	W760	TC2	17	-1	DELEMA	\$2,037.80	TCB 622	1-4	880326	AB 211	A
Bacteriology-Laboratory	Steward	Stomach	TC2	34		FILCO	\$3,960.00	TCB 623	1-1	880406	AB 121	D
Bacteriology-Laboratory	MEMMERT	EKE-40	TC2	47		DELEMA	\$9,966.00	TCB 623	1-2	880410	AB 132	A
Bacteriology-Laboratory	Kawasaki	Vacuum	TC2	26		TAMAC	\$10,500.00	TCB 623	2-6	880402	AB 191, 2	A
Bacteriology-Laboratory	IKA	Mini-MF	TC2	56	-8B				1-1	880129	AB 221	A
Bacteriology-Laboratory	IKA	Knud2	TC2	56	-2C				1-1	880129	AB 222	A
Bacteriology-Laboratory	FLUORLAB	MPC 340	TC6	28		FLUORLAB	\$27,800.00	TCB 1/2	1-1	901022	AB 481	B
Bacteriology-Laboratory	ELISA Reader	ELISA	TC6	28		QUICKLAB	\$12,400.00	TCB 1/2	1-1	910131	AB 531	C
Bacteriology-Laboratory	ELISA Washer	ELISA	TC6	28		QUICKLAB	\$2,300.00	TCB 2/1	3-3	910131	AB 571	A
Bacteriology-Laboratory	Filter holder	SM 1661	TC7	3		QUICKLAB	\$183.25	TCB 2/1	8-8	910131	AB 571	B
Bacteriology-Laboratory	Storage container		TC7	5		SAINS-TECHNICS	\$6,136.00	TCB 1/2	1-1	910108	AB 122	B
Bacteriology-Laboratory	Homogenizer	USA	TC8	1		FILTRITE	\$1,920.00	TCB 3/1	1	920321	AB 621	B
Bacteriology-Laboratory	91 PCR Equipment	USA	TC8	5		TRANS-TECHNO	\$1,920.00	TCB 3/1	1	920303	AB 631	B
Bacteriology-Laboratory	91 Oronetology/stry colorams	USA	TC8	7		FILTRITE	\$22,566.00	TCB 3/1	1	920803	AB 561	B
Bacteriology-Laboratory	91 DNA electrophores system	USA	TC8	8		FILTRITE	\$2850.00	TCB 3/1	1	920803	AB 571	B
Bacteriology-Laboratory	91 Belly Dancer Shaker	USA	TC8	9		FILTRITE	\$315.00	TCB 3/1	1	920803	AB 571	B
Bacteriology-Laboratory	91 Intronviewer	USA	TC8	9		FILTRITE	\$165.00	TCB 3/1	1	920803	AB 581	B
Bacteriology-Laboratory	91 Vacuum Desiccator	USA	TC8	10		MIDCOSTATE	\$30,500.00	TCB 4/1	1	937		
Bacteriology-Laboratory	92 Floator		TC9	1		FILTRITE	\$956.00	TCB 4/1	1	937		
Bacteriology-Laboratory	92 MP4 Polaroid camera		TC9	2		DELEMA	\$2,037.80	TCB 622	1-4	880301	AM 71	A
Bacteriology-Media Prep	MEMMERT	W760	TC2	31		FLUORLAB	\$14,300.00	TCB 631	1-4	880415	AM 121	C
Bacteriology-Media Prep	Gelman	BH-20	TC2	31					1-1	880129	AM 23	A
Bacteriology-Media Prep	IPRAMAG	KM22	TC2	50		KNC	GRANT AID/GA Phase 1	5-5	880119	AM 91	A	
Bacteriology-Washing	iphamore	OD300	GA1	39		KNC	GRANT AID/GA Phase 1	1-1	880119	AM 171	A	
Bacteriology-Washing	Metal Yaire Cade	310-S	GA1	36		KNC	GRANT AID/GA Phase 1	3-1	880119	AM 21	A	
Bacteriology-Washing	Autoclave		GA1	36		KNC	GRANT AID/GA Phase 1	1-1	880119	AM 31	A	
Bacteriology-Washing	Centrif	CSU-900	GA1	30		KNC	GRANT AID/GA Phase 1	12-2	880119	AM 41, 2	A	
Bacteriology-Washing	Hot Air Sterilizer	Sakura	FE-31	35		KNC	GRANT AID/GA Phase 1	1-1	880119	AM 51	A	
Bacteriology-Washing	Laundry Machine	Matsushita	NA-179	35		KNC	GRANT AID/GA Phase 1	1-1	880119	AM 51	A	
Bacteriology-Washing	Mechanical Curv	NK-41	GA1	33		KNC	GRANT AID/GA Phase 1	1-3-3	880119	AM 71	A	
Bacteriology-Washing	Medical instrument	ST-1812	GA1	26		KNC	GRANT AID/GA Phase 1	1-3-3	880119	AM 81, 2, 3	A	
Bacteriology-Washing	Ultra Sonic Cleaner	LS-1015	GA1	31		KNC	GRANT AID/GA Phase 1	5-5	880119	AM 111	A	
Bacteriology-Washing	Water Still	CS-50	GA1	34		KNC	GRANT AID/GA Phase 1	1-5	880119	AM 121	A	
Bacteriology-Washing	Working table	SK-EI-S	GA1	37		KNC	GRANT AID/GA Phase 1	1-1	880119	AM 131, 2	A	
Bacteriology-Washing	Ultra Sonic Cleaner	UL-E-IV	TC2	27	B	DELEMA	\$1,500.00	TCB 622	1-1	880301	AM 11/2, 3	A
Bacteriology-Washing	Pipette Cleaner	COLE-PAP	TC2	27	A1	HISCO	\$3,460.00	TCB 622	1-1	880301		A
Bacteriology-Experiment	B. Breri	3-002-0	TC4	1		MEDCO	\$7,366.00	TCB 632	1-1	890323	AB 441	A
Bacteriology-Experiment	B. Breri	5242-00	TC4	2		FILCO	\$660.00	TCB 632	1-1	890323	AB 172	A
Bacteriology-Experiment	B. Breri	1226-85	TC4	3		FILCO	\$945.00	TCB 632	1-1	890323	AB 421	A
Bacteriology-Experiment	New Breri	CP-200	TC4	4		INTEFFSCIENCE	\$3,015.00	TCB 632	1-1	890324	AB 451	A
Bacteriology-Experiment	Microscopistate	NIKON D	TC4	5		SHIRO	\$1,065.00	TCB 632	1-1	890323		A
Bacteriology-Experiment	Shaking Water bath	B. Breri	TC4	6		PPPTH	\$4,645.00	TCB 632	1-1	890324	AB 411	A
Bacteriology-Experiment	Steamer	Local	TC4	7		LS FATT	\$1,060.00	TCB 632	1-1	890303	AM 171	B
Bacteriology-Experiment	CO2 incubator	Heraeus	TC4	8		SIBER	\$26,011.00	TCB 632	1-1	890324	AB 134	A
Bacteriology-Experiment	Portable table pH meter	Hanna	TC4	9		IPALUSJA	\$460.00	TCB 632	1-1	890307	AB 162	C
Bacteriology-Experiment	Test tube basket	A.J. Copp	TC5	10		FILCO	\$68.00	TCB 632	20-20	890324	AB 162	A
Bacteriology-Experiment	Microcentrifuge	MR-150	TC5	1		FILCO	\$12,875.00	TCB 1/1	1-1	900329	AB 451	A
Bacteriology-Experiment	Microcentrifuge	Eppendo	TC5	2		FILCO	\$68.00	TCB 1/1	4-4	900329	AB 451	A
Bacteriology-Experiment	Microcentrifuge	Nalgene	TC5	3		FILCO	\$21.00	TCB 1/1	10-10	900329		A
Bacteriology-Experiment	Pressure Holder	KST-50	TC5	4		FILCO	\$4,905.00	TCB 1/1	1-1	900329	AB 501	D
Bacteriology-Experiment	Glass fibre Prefilter	Toyo Ros	TC5	5		FILCO	\$1,587.50	TCB 1/1	20-20	900329		A
Bacteriology-Experiment	Microcentrifuge	BM-5610	TC5	6		QUICKLAB	\$1,966.00	TCB 1/1	1-1	900329	AB 471	A
Bacteriology-Experiment	Dot Matrix Printer	L28500+	GC-621	11		TE Comp	\$3,600.00	Project Team	1-1	880329	ECH 8	A
Bacteriology-Experiment	Bandier	Bomco	TC2	109	-3	KUAIN	\$13,002.00	TCB 623	1-1	880406	ECH 4	B
Bacteriology-Experiment	Photocopier	EP-5702	TC2	109	-2	MINOLTA	\$22,175.00	TCB 623	1-1	880302	EDP 9	A
Bacteriology-Experiment	Photocopier	Hevlett	TC2	109	1A	K.U.SI	\$55,591.00	TCB 623	1-1	880506	ECH 1,2,3,7	A
Bacteriology-Experiment	Compuiter	Hevlett	TC2	109	1B				1-1	880506	ECH 4	A
Bacteriology-Experiment	Laser Printer	Hevlett	TC2	109	1C				1-1	880506	ECH 5	A
Bacteriology-Experiment	Plotter	Hevlett	TC2	109	1D				1-1	880506	ECH 6	A

Epidemiology-Experiment	Autopsy Instrument	Gallanka	CKJ-410	TC3	35	ANTAH	\$110.00	TCB 531	2	89/03/23	EFE 6	B	A
Epidemiology-Experiment	Refrigerator	Sanyo	SR-3087	TC3	47	QUICKLAB	\$1,860.00	TCB 631	1	88/08/22	EDE 1	B	A
Epidemiology-Experiment	ELISA Microplate	-	-	TC4	1	BIO-FOOD	\$26,680.00	TCB 632	1-1	89/03/27	ELE 1	B	A
Epidemiology-Experiment	Microplate Washer	-	-	TC4	2	BIO-FOOD	\$11,460.00	TCB 632	1-1	89/03/27	ELE 2	B	A
Epidemiology-Experiment	ELISA Microplate	-	-	TC4	3	QUICKLAB	\$1,280.00	TCB 632	1-1	89/03/23	-	B	A
Epidemiology-Experiment	Microtome	-	-	TC4	4	QUICKLAB	\$1,934.00	TCB 632	1-1	89/03/23	ELE 20	B	A
Epidemiology-Experiment	Microtome	-	-	TC4	5	QUICKLAB	\$1,118.00	TCB 632	1-1	89/03/23	ELE 19	B	A
Epidemiology-Experiment	Microtome	-	-	TC4	6	BIO-FOOD	\$37.00	TCB 632	10-10	89/03/27	ELE 6	B	A
Epidemiology-Experiment	Microtome	-	-	TC4	7	QUICKLAB	\$930.00	TCB 632	1-1	89/03/23	-	B	A
Epidemiology-Experiment	Storage Vial 2	-	-	TC4	8	BIO-FOOD	\$165.00	TCB 632	4-4	89/03/27	-	B	A
Epidemiology-Experiment	Stainless steel	-	-	TC4	9	SCHee	\$53.00	TCB 632	10-10	89/03/20	-	B	A
Epidemiology-Experiment	Microtome	-	-	TC4	10	SCHee	\$36.00	TCB 632	10-10	89/03/20	ELE 23	B	A
Epidemiology-Experiment	Pipette Curn	-	-	TC4	11	SCHee	\$35.00	TCB 632	10-10	89/03/20	ELE 22	B	A
Epidemiology-Experiment	Shaker (4 plate)	-	-	TC4	13	QUICKLAB	\$975.00	TCB 632	1-1	89/03/23	ELE 14	B	A
Epidemiology-Experiment	Water bath	-	-	TC4	14	QUICKLAB	\$1,295.00	TCB 632	1-1	89/03/23	ELE 15	B	A
Epidemiology-Experiment	Test Tube Racks	-	-	TC4	15	QUICKLAB	\$660.00	TCB 632	1-1	89/03/23	ELE 16,17,18	B	A
Epidemiology-Experiment	Centrifuge (Ngn)	-	-	TC4	16	BIO-FOOD	\$6,250.00	TCB 632	1-1	89/03/27	ELE 21	B	A
Epidemiology-Experiment	Polaroid plate	-	-	TC4	17	QUICKLAB	\$9,850.00	TCB 632	1-1	89/03/23	EDP 10	B	A
Epidemiology-Experiment	perchloreth	-	-	TC4	18	QUICKLAB	\$2,463.60	TCB 632	1-1	89/03/23	-	B	A
Epidemiology-Experiment	perchloreth	-	-	TC4	18	QUICKLAB	\$2,463.60	TCB 632	1-1	89/03/23	-	B	A
Epidemiology-Experiment	Dissceding type	Gallanka	CKJ-410	TC2	92	ANTAH	\$110.00	TCB 631	5	-	-	B	A
Epidemiology-Experiment	Autopsy Table	InterScience	Autopsy	TC3	34	INTERSCIENCE	\$1,950.00	TCB 631	1	88/08/19	-	B	A
Epidemiology-Experiment	Glass syringe	Teknash	FJ 156-2	TC3	35	DELIMA	\$252.00	TCB 631	5	89/12/05	-	B	D
Epidemiology-Experiment	High pressure	Kardner	HD850MS	TC3	28	DELIMA	\$3,300.00	TCB 631	2	88/07/29	-	B	A
Epidemiology-Experiment	Cital Truck	Easiam	2-Wheel	TC3	31	QUICKLAB	\$360.00	TCB 631	1	88/08/22	-	B	A
Epidemiology-Experiment	Poultry Scale	Chris	WT5	TC3	37	INTERSCIENCE	\$250.00	TCB 631	1	88/08/19	-	B	A
Epidemiology-Experiment	Refrigerator	Sanyo	SR-3087	TC3	27	QUICKLAB	\$1,860.00	TCB 631	1	88/08/22	-	B	A
Epidemiology-Experiment	Utility Cart	N.rratic	WVC-150	TC3	30	QUICKLAB	\$460.00	TCB 631	2	88/08/22	-	B	A
Epidemiology-Experiment	Vacuum Cleaner	Ishikawa	40-562	TC3	40	QUICKLAB	\$21,716.00	TCB 631	1	88/12/05	-	B	A
Epidemiology-Experiment	Feed Grinder	Gelston	Mask To	TC3	25	INTERSCIENCE	\$35.00	TCB 631	5	88/08/19	AFM 5	A	C
Epidemiology-Experiment	Feed Mill-Feed Mill	Fu Sang	FS 450	TC3	11	QUICKLAB	\$956.00	TCB 631	1	89/08/22	AFM 7	A	A
Epidemiology-Experiment	Feed Mill-Feed Mill	Kiya	1600E	TC3	13	QUICKLAB	\$3,854.00	TCB 631	1	89/12/05	-	D	A
Epidemiology-Experiment	Feed Mill-Feed Mill	Intra	FD 1A	TC3	12	DELIMA	\$2,900.00	TCB 631	1	88/07/29	AFM 1	D	A
Epidemiology-Experiment	Pallette container	Whiner	TD3A	TC3	19	DELIMA	\$28.00	TCB 631	5	88/07/29	AFM 3,31	A	A
Epidemiology-Experiment	Poly bucket	China	894FM	TC3	18	DELIMA	\$3.00	TCB 631	5	88/07/29	AFM 2,21	D	A
Epidemiology-Experiment	Scale for feed	China	100kgx5	TC3	9	INTERSCIENCE	\$290.00	TCB 631	1	88/08/19	AFM 4	D	A
Epidemiology-Experiment	Scale for feed	China	50kgx20	TC3	10	QUICKLAB	\$350.00	TCB 631	2	88/08/22	AFM 6,61	A	A
Epidemiology-Experiment	Scale for feed	China	50kgx20	TC3	39	QUICKLAB	\$260.00	TCB 631	1	88/08/22	AFM 6,2	A	A
Epidemiology-Experiment	Table Tennis Table	Olympus	L200	GG-62/4	46	ZHANG J	\$350.00	Project Team 1-1	1-1	88/09/07	AMH 1	A	A
Epidemiology-Experiment	Micro Recorder	Toyoden	ACE 61	ACE 61	4	KUSANO	Y 35,800	Expert Acco	1-1	86/08/14	-	-	-
Epidemiology-Experiment	Mini Conference	Kuan	6 L x 3	GG-63/2	25	KUAN	\$300.00	Project Team 1-1	1-1	86/07/15	-	B	A
Epidemiology-Experiment	Camera Auto Focus	Olympus	AF1072	GG-61/3	6	FOTO SH	\$465.00	Project Team 1-1	1-1	86/10/16	-	B	A
Epidemiology-Experiment	Telephone Line	Telecom	GG-61/4	48	TELECOM	\$1,500.00	Project Team 1-1	1-1	87/03/31	-	-	A	A
Epidemiology-Experiment	Electric Air	Zeloush	GG-62/4	41	TELECOM	\$240.90	Project Team 1-1	1-1	88/03/05	-	-	A	A
Epidemiology-Experiment	Key Telephone Extension	National	SS 512	GG-62/4	11	ESS	\$1,000.00	Project Team 1-2	1-2	86/01/26	-	A	A
Epidemiology-Experiment	Automatic Voltase	PK Electric	NF600G	GG-62/1	4	TE Comp	\$303.00	Project Team 1-1	1-1	87/07/24	-	A	A
Epidemiology-Experiment	Office safe	National	MC-650	TC2	104	KUAN	\$480.00	TCB 632	1-2	86/01/26	-	B	A
Epidemiology-Experiment	Refrigerator	NFR-216	MC-650	TC2	1	DELIMA	\$1,240.00	TCB 632	1-6	86/01/26	-	A	A
Epidemiology-Experiment	Japanese Word Processor	Sony	Produce	TC2	25	TAMAC	\$2,200.00	TCB 632	1-1	86/04/02	-	A	A
Epidemiology-Experiment	Station Wagon	Mitsubishi	Palto	TC2	100	CYCLE	\$49,096.00	TCB 633	1-1	86/03/04	-	A	A
Epidemiology-Experiment	Key Telephone Extension	National	SS 512	GG-62/4	11	ESS	\$1,000.00	Project Team 1-2	1-2	86/01/26	-	A	A
Epidemiology-Experiment	Camera Flash	Canon	300Z5	GG-61/4	17	FOTO SH	\$350.00	Project Team 1-1	1-1	87/03/31	-	B	A
Epidemiology-Experiment	Camera Lens	Canon	EF-28/14	GG-61/4	17	FOTO SH	\$510.00	Project Team 1-1	1-1	87/03/31	-	B	A
Epidemiology-Experiment	Camera Lens	Canon	EF-33-1	GG-61/4	17	FOTO SH	\$900.00	Project Team 1-1	1-1	87/03/31	-	B	A
Epidemiology-Experiment	Camera SLR	Canon	EOS 650	GG-61/4	17	FOTO SH	\$650.00	Expert Acco	1-1	86/08/14	-	A	A
Epidemiology-Experiment	Personal Computer	Apple Mac	M00014	ACE 61	1	KUSANO	Y 149,200	Expert Acco	1-1	86/08/14	-	A	A
Epidemiology-Experiment	Printer	Apple Image	MACIN	ACE 61	2	KUSANO	\$1,362.50	Project Team 1-1	1-1	86/09/08	-	A	A
Epidemiology-Experiment	Computer Extension	Apple	IMAGE	GG-61/2	13	JURUBAT	\$987.47	Project Team 1-1	1-1	86/09/08	-	A	A
Epidemiology-Experiment	Computer Hard Disk	Apple	205CF7	GG-62/4	21	UNIMAC	\$5,243.00	Project Team 1-1	1-1	86/03/29	-	A	A
Epidemiology-Experiment	Electronic Key	National	SS 512	GG-62/4	11	ESS	\$3,600.00	Project Team 1-1	1-1	86/01/26	-	A	A
Epidemiology-Experiment	Faxsimile	National	UF-160	GG-631	37	ESS	\$4,800.00	Project Team 1-1	1-1	86/05/05	-	B	A
Epidemiology-Experiment	Typewriter electric	CANON	AP 210	TC2	101	CANON	\$2,092.67	TCB 632	1-3	87/10/12	-	A	A



JICA Team - Secretary	91	NEC Computer with printer	MEC	266-H	TC-8	11	DATA/END	\$7,823.00	TCB	3/1	1-1	92/0225	A
Parasitology-Clean Room	Side Table	San-Ei	S-WT-H	GA 1	15	KNC	GRANT AID/GA Phase 1				1-1	88/01/19	A
Parasitology-Clean Room	Side Table	San-Ei	S-WT-H	GA 1	15	KNC	GRANT AID/GA Phase 1				1-1	88/01/19	A
Parasitology-Clean Room	Sink	San-Ei	A-IV	GA 1	11	KNC	GRANT AID/GA Phase 1				1-1	88/01/19	A
Parasitology-Clean Room	Sink	San-Ei	A-IV	GA 1	11	KNC	GRANT AID/GA Phase 1				1-1	88/01/19	A
Parasitology-Exp House	Boiling Sterilizer	Karcher	ES SVS	TC 3	1	SHINRYO	\$91,500.00	TCB	63/1	1	88/08/23	A	
Parasitology-Experiment	Autoclave	TCMY	SS-240	TC 2	32	FILCO	\$9,483.00	TCB	63/1	2	88/01/22	A	
Parasitology-Experiment	Autoclave Instrument	Gallanka	EKJ-410	TC 3	38	ANTAH	\$110.00	TCB	63/1	2	89/03/23	C	
Parasitology-Experiment	Balance	Chaus	750 S	TC 2	37	BLM-SAINS	\$250.00	TCB	63/1	1	88/01/24	A	
Parasitology-Experiment	Centrifuge	Sigma	202 B	TC 2	6	BLM-SAINS	\$9,329.40	TCB	63/1	1	88/01/24	A	
Parasitology-Experiment	EPG, OFG counter	WVR	15173-2	TC 2	58	BLM-SAINS	\$1,070.00	TCB	63/1	1	88/01/24	A	
Parasitology-Experiment	Microscope	Nikon	XB-TH-2	TC 2	13	SHIRO	\$7,472.00	TCB	63/1	1	88/09/29	A	
Parasitology-Experiment	Microscope	Nikon	SVX-10	TC 2	13	SHIRO	\$15,527.00	TCB	63/1	1	88/09/29	A	
Parasitology-Experiment	MS Camera	Nikon	UFX-35	TC 2	13	SHIRO	\$10,499.00	TCB	63/1	1	88/09/29	A	
Parasitology-Experiment	Refrigerator	Sanyo	SR-3087	TC 2	47	CUJIKUAB	\$1,860.00	TCB	63/1	1	88/08/22	A	
Parasitology-Experiment	Sterilizer	Gallanka	SVF-340	TC 2	31	DELIMA	\$990.00	TCB	63/1	1	88/07/29	A	
Parasitology-Experiment	Monitomer	Thermy	37600	TC 2	50	FILCO	\$525.00	TCB	63/1	1	88/01/22	A	
Parasitology-Laboratory	Center Table	San-Ei	P-6AS-DL	GA 1	7	KNC	GRANT AID/GA Phase 1				1-2	88/01/19	A
Parasitology-Laboratory	Instrument Cabinet	San-Ei	BF-IV	GA 1	10	KNC	GRANT AID/GA Phase 1				1-2	88/01/19	A
Parasitology-Laboratory	Laminar Flow	San-Ei	DE-8P	GA 1	12	KNC	GRANT AID/GA Phase 1				1-1	88/01/19	A
Parasitology-Laboratory	Side Table	San-Ei	D-F-IV	GA 1	8	KNC	GRANT AID/GA Phase 1				1-4	88/01/19	A
Parasitology-Laboratory	Sink	San-Ei	A-IV	GA 1	11	KNC	GRANT AID/GA Phase 1				1-2	88/01/19	A
Parasitology-Laboratory	Storage Cabinet	San-Ei	CA-IV	GA 1	9	KNC	GRANT AID/GA Phase 1				1-2	88/01/19	A
Parasitology-Laboratory	Cooling Centrifuge	HITACHI	CRB2	TC 2	4	MECCMB	\$13,912.46	TCB	62/2	1-4	88/01/19	A	
Parasitology-Laboratory	Deep Freezer	SANTO	MDF-053	TC 2	2	HISCO	\$5,665.00	TCB	62/2	1-6	88/03/01	A	
Parasitology-Laboratory	Dessicator	IUCHI	FM-400	TC 2	23	HISCO	\$2,145.00	TCB	62/2	1-10	88/03/01	A	
Parasitology-Laboratory	Digital Balance	METTLER	PM-400	TC 2	39	SIEBER	\$4,455.00	TCB	62/2	1-3	88/01/22	A	
Parasitology-Laboratory	Incubator CO2	LEEC	GA 3-N	TC 2	48	HISCO	\$18,507.00	TCB	62/2	1-1	88/04/20	A	
Parasitology-Laboratory	Light Trap	BUFAIRD	MDMS	TC 2	60	VENAED	\$2,817.00	TCB	62/2	1-1	88/03/02	A	
Parasitology-Laboratory	Magnetic Stirrer	IKAMAG	MINI-MFR	TC 2	56	HISCO	\$507.00	TCB	62/2	1-3	88/01/29	A	
Parasitology-Laboratory	Microscope	NIKON	SVX-10	TC 2	11	SHIRO	\$7,505.00	TCB	62/2	1-1	88/01/22	A	
Parasitology-Laboratory	Microscope	NIKON	XF-21N	TC 2	12	SHIRO	\$9,575.00	TCB	62/2	1-3	88/01/22	A	
Parasitology-Laboratory	Microscope	NIKON	TM6-2	TC 2	13	SHIRO	\$18,188.00	TCB	62/2	1-2	88/01/22	A	
Parasitology-Laboratory	Microscope	NIKON	SA 520	TC 2	15	SHIRO	\$5,148.00	TCB	62/2	1-1	88/01/22	A	
Parasitology-Laboratory	pH meter	ORION	SA 520	TC 2	35	DELIMA	\$1,470.00	TCB	62/2	1-4	88/03/01	A	
Parasitology-Laboratory	Pipette Discard	NALGEBE	5242-00	TC 2	29	FLOWLAB	\$111.00	TCB	62/2	1-5	88/01/27	A	
Parasitology-Laboratory	Refrigerator	SANTO	MIR-151	TC 2	48	DELIMA	\$5,500.00	TCB	62/2	1-1	88/03/10	C	
Parasitology-Laboratory	Refrigerator	National	NR-316	TC 2	1	DELIMA	\$1,600.00	TCB	62/2	1-6	88/01/25	A	
Parasitology-Laboratory	Test Tube Rack	FLOWLAB	SMG 52	TC 2	96	FLOWLAB	\$50.00	TCB	62/2	10-50	88/01/27	A	
Parasitology-Laboratory	Water Bath	MEMMERT	WT60	TC 2	17	DELIMA	\$2,037.80	TCB	62/2	1-4	88/03/31	C	
Parasitology-Laboratory	Innuno viewer	Lockoo	IMALINO	TC 2	64	FILCO	\$2,244.10	TCB	62/3	1-1	88/07/05	B	
Parasitology-Laboratory	Incubator cone	Menmen	BKE 4D	TC 2	47	DELIMA	\$8,965.00	TCB	62/3	1-2	88/03/10	B	
Parasitology-Laboratory	Pericula Pump	Atto	SJ-1220	TC 2	19	FILCO	\$2,530.00	TCB	62/3	2-3	88/04/06	B	
Parasitology-Laboratory	vacuum Trap	Kawasaki	Vaccum	TC 2	26	TRAMAC	\$10,500.00	TCB	62/3	2-6	88/04/02	B	
Parasitology-Laboratory	Magnetic Stirrer	IKAMAG	KM02	TC 2	56	TA					1-1	88/01/29	B
Parasitology-Laboratory	Shaker Waterbath	W. Gerhart	Koterm	TC 6	2	SAINS TECHNIS	\$6,445.00	TCB	1/2	1-1	91/01/08	B	
Parasitology-Laboratory	Tissue Grinder	USA	BELLO	TC 6	1	FILCO	\$4,125.00	TCB	1/2	1-1	90/12/24	B	
Parasitology-Laboratory	Variable Vol.	Nidhryo	E000DG	TC 6	3	INTERSCIENCE	\$9,850.00	TCB	1/2	1-1	90/11/10	B	
Parasitology-Laboratory	Magnetic stirrer	Heidolph	MR2002	TC 6	9	INTERSCIENCE	\$1,040.00	TCB	1/2	1-1	90/11/10	B	
Parasitology-Laboratory	Bottle-topdisp	Nidhryo	CP-5,10	TC 6	4	CUJIKUAB	\$1,870.00				3-3	91/01/31	B
Parasitology-Laboratory	11-volumepibe	Nidhryo	325-20	TC 6	5	CUJIKUAB	\$470.00	TCB	1/2	1-1	91/01/31	B	
Parasitology-Laboratory	Glass curnng	Nidhryo	FT656-1	TC 6	7	CUJIKUAB	\$142.00	TCB	1/2	1-1	91/01/31	B	
Parasitology-Laboratory	Simultelass		TC5	TC 6	8	CUJIKUAB	\$165.00	TCB	1/2	1-1	91/01/31	B	
Parasitology-Laboratory	Homogeniser Ultra	Thomas		TC 6	10	CUJIKUAB	\$5,800.00	TCB	1/2	1-1	91/01/31	B	
Parasitology-Laboratory	Cryo-Gloves			TC 6	11	CUJIKUAB	\$2,577.00	TCB	1/2	1-1	91/01/31	B	
Parasitology-Laboratory	Colocidia Exp.			TC 7	1	SIN CHI	\$420.00	TCB	2/1	10-10	90/11/30	B	
Parasitology-Laboratory	Simple oocyst			TC 7	2	SIN CHI	\$165.00	TCB	2/1	20-20	90/11/30	B	
Parasitology-Laboratory	Microwareoven	Sanyo	RM570	TC 7	3	CUJIKUAB	\$1,184.00	TCB	2/1	1-1	91/01/31	B	
Parasitology-Laboratory	Hot Air Sterilizer	Heidolph	SUT 612	TC 7	5	CUJIKUAB	\$5,056.00	TCB	2/1	1-1	91/01/31	B	
Parasitology-Laboratory	Eqq incubator	Showa	P-05	TC 7	6	CUJIKUAB	\$12,900.00	TCB	2/1	1-1	91/01/31	C	
Parasitology-Laboratory	Microscope Acce	Nikon		TC 7	8	SHIRO	\$21,433.00	TCB	2/1	1-1	91/03/27	A	
Parasitology-Laboratory	Vacuum Concentrator	HEIO	HSI-160	TC 8	12	TRANS-TECNO	\$20,885.00	TCB	2/1	1-1	92/08/13	A	
Parasitology-Laboratory	Electrolysis & boiling sels	BLD-RAD	491	TC 8	13	MICROSTATE	\$24,175.00	TCB	2/1	1-1	92/08/03	A	
Parasitology-Laboratory	91 Gel Dryer	HEIO	2364QM	TC 8	14	TRANS-TECNO	\$4,022.00	TCB	2/1	1-1	92/11/20	A	
Parasitology-Laboratory	91 Semi micro analytical balance	PRECISA	130 A	TC 8	15	INTERSCIENCE	\$5,930.00	TCB	2/1	1-1	92/02/03	A	

Parasitology-Laboratory 51	Liquid Nitrogen set	USA	IME 3C	TC 3	16		GLIUXLAB	\$5,565.00	TCB 3/1	1-1	92/09/02	B	A
Parasitology-Laboratory 51	Pedestal Cotation & slinkings	HETO	FK 40 VS	TC 8	17		TRANS-TECNO	\$3,618.00	TCB 3/1	1-1	92/09/13	B	A
Parasitology-Laboratory 51	Laboratory Jack	A.J.COPE		TC 3	18		INTERSCIENCE	\$673.00	TCB 3/1	1-1	92/09/18	B	A
Parasitology-Laboratory 52	Ultra Sonicator			TC	3		TAPLING HAJI	\$13,035.00	TCB 4/1	1-1	93/	B	A
Parasitology-Laboratory 52	Fraction collector			TC	4		MICROSTATE	\$25,587.00	TCB 4/1	1-1	93/	B	A
Parasitology-Experiment	Membrane filter	Toyo		TC 4	8		FILCO	\$1,101.00	TCB 6/2	1-1	89/03/23	D	A
Parasitology-Experiment	Sealing Film	Whitman		TC 4	10		INTERSCIENCE	\$475.00	TCB 6/2	1-1	89/03/24	A	A
Pathology-Dark Room	Reflector	Phico	1.1E+08	GK-624	9-1		SARF He	\$1,260.00	Project Team 1	1-1	88/03/01	A	A
Pathology-Electrom	Ion Sputter	JEOL LTD	JFC-110	GA 1	43		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/05/31	B	A
Pathology-Electrom	Defurriler	Keef Hing	DK-85	GK-631	50		Keef Hing	GRANT AID/GVA Phase 1	1-1	2-2	88/05/31	A	A
Pathology-Electrom	Critical Point	JEOL LTD	780A	GA 1	44		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	B	A
Pathology-Electrom	Glass Knives	UKB Prod.41	7800	GA 1	44		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	B	A
Pathology-Electrom	Scanning Electroscope	JEOL LTD	SM-T33	GA 1	40		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	B	A
Pathology-Electrom	Transmission Electro	JEOL LTD	UM-100	GA 1	41		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	B	A
Pathology-Electrom	Ultra Microtome	UKB Prod.41	ULTRATO	GA 1	45		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	B	A
Pathology-Electrom	Vacuum Evaporator	JEOL Ltd	JFE-4x	GA 1	46		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	B	A
Pathology-Electrom	Dessicator	UCHI	1-40-0	TC 2	23		HISCO	\$2,145.00	TCB 6/2/1	1-1	88/05/01	A	A
Pathology-EM Preparation	Vacuum Pump	Edwards	PL3	TC 2	20		BLUM SAINS	\$9,329.00	TCB 6/2/1	1-1	88/11/24	A	A
Pathology-EM Room	Stock Absorbing	Sanyo	SR-3087	TC 3	42		CHEMOPHAGE	\$15,550.00	TCB 6/3/1	1-1	89/03/22	B	A
Pathology-Experiment	Refrigerator	Fujihara	FC-720	GA 1	17		KNC	GRANT AID/GVA Phase 1	1-2	2-2	88/09/22	A	A
Pathology-Laboratory	Autopsy Instrument	Sanyo		GA 1	16		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Autopsy Table	Sanyo		GA 1	16		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Cartier Table	Sanyo		GA 1	7		KNC	GRANT AID/GVA Phase 1	1-2	2-2	88/01/19	A	A
Pathology-Laboratory	Centrifuge	Kubota	KH-1200	GA 1	19		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	D	A
Pathology-Laboratory	Dissection Spray	Clea-Jap	CL-4110	GA 1	22		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	D	A
Pathology-Laboratory	Instrument Cabinet	Sanyo	BF-IV	GA 1	10		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Instrument Cabinet	Sanyo	BF-IV	GA 1	10		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Stenlizer	Sakura	ASV 300	GA 1	23		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Draft Chamber	Sanyo	DE-SP	GA 1	12		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	C	A
Pathology-Laboratory	Cabinet	Tahco	ST1812	GA 1	25		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Cabinet	NIKON	XF-21	GA 1	18		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Copilot	Comet	CFM-120	GA 1	21		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Coxy Table	Fujihara		GA 1	24		KNC	GRANT AID/GVA Phase 1	1-2	2-2	88/01/19	A	A
Pathology-Laboratory	Fouly Scale	Nippon	M-155	GA 1	20		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	B	A
Pathology-Laboratory	Shedless light	Sanyo	D-F-IV	GA 1	8		KNC	GRANT AID/GVA Phase 1	1-4	4-4	88/01/19	B	A
Pathology-Laboratory	Side Table	Sanyo	D-F-IV	GA 1	8		KNC	GRANT AID/GVA Phase 1	1-2	2-2	88/01/19	A	A
Pathology-Laboratory	Side Table	Sanyo	D-F-IV	GA 1	14		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Side Table	Sanyo	A-IV	GA 1	11		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Sink	Sanyo	A-IV	GA 1	11		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Sink	Sanyo	A-IV	GA 1	11		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Sink	Sanyo	A-IV	GA 1	11		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Storage Cabinet	Sanyo	CA-IV	GA 1	9		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Storage Cabinet	Sanyo	CA-IV	GA 1	9		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Storage Cabinet	Sanyo	CA-IV	GA 1	9		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Working Table	Sanyo	UT-B-IV	GA 1	25		KNC	GRANT AID/GVA Phase 1	1-1	1-1	88/01/19	A	A
Pathology-Laboratory	Microscope scale	Olympus	AH2-SML	GK-631	36		HAGERMEYER	\$310.00	Project Team 1	1-1	88/01/19	A	A
Pathology-Laboratory	Microtome Holder	S-35	GK-613	3		MATSUYA	\$955.62	Project Team 1	1-1	1-1	88/04/13	B	A
Pathology-Laboratory	Voltage Stabilizer	PK	GK-614	19		TE Corp	\$210.00	Project Team 1	1-1	1-1	86/12/19	A	A
Pathology-Laboratory	Deacceler	Oroong	GK-613	3		CHONG	\$460.00	Project Team 1	1-1	1-1	87/03/01	A	A
Pathology-Laboratory	Camera (SEM)	Matsuy	GK-621	22		BEE LOH	\$825.00	Project Team 1	1-1	1-1	87/05/22	B	A
Pathology-Laboratory	Refrigerator	National	610047	GK-624	9-2		SENG HENG	\$1,150.00	Project Team 1	1-1	88/03/01	A	A
Pathology-Laboratory	Compound Micros	Olympus	Vanox	TC 1	4		HAGERMEYER	\$190,262.00	TCB 6/1/1	1-1	88/03/13	A	A
Pathology-Laboratory	Processor tissue	SHANDON	2LE	TC 2	25		HISCO	\$32,915.00	TCB 6/2/2	1-1	88/04/22	A	A
Pathology-Laboratory	Coating centrifuge	HITACHI	CP-3B-2	TC 2	4		MCCOMB	\$13,312.48	TCB 6/2/2	1-4	88/01/29	B	A
Pathology-Laboratory	Cryostat	LIPSHAW	1500A	TC 2	57		MENARD	\$25,031.00	TCB 6/2/2	1-1	88/03/02	D	A
Pathology-Laboratory	Deep freezer	SANYO	MDP-053	TC 2	2-2		HISCO	\$5,655.00	TCB 6/2/2	1-6	88/03/01	A	A
Pathology-Laboratory	Dessicator	METTLER	FM 400	TC 2	23		HISCO	\$2,145.00	TCB 6/2/2	2-10	88/03/01	A	A
Pathology-Laboratory	Digital Balance	METTLER	N-10513B	TC 2	33		SIBER	\$1,455.00	TCB 6/2/2	1-3	88/01/22	A	A
Pathology-Laboratory	Fluorin Bath	OGAWA	3-002-0	TC 2	18		HISCO	\$605.00	TCB 6/2/2	1-1	88/01/29	A	A
Pathology-Laboratory	Glass-Stainless	KAMAG	MIN-MIP	TC 2	27	A1	HISCO	\$22,687.00	TCB 6/2/2	1-1	88/01/29	A	A
Pathology-Laboratory	Macrotic Strrer	NIKON	XF-21N	TC 2	55	-1	HISCO	\$607.00	TCB 6/2/2	2-3	88/01/29	A	A
Pathology-Laboratory	Microscope OPTHOI	NIKON	SMZ-10	TC 2	10		SHIHO	\$12,505.20	TCB 6/2/2	1-1	88/01/22	A	A
Pathology-Laboratory	Microscope STEREO	NIKON	TU-13	TC 2	15	-2	SHIHO	\$14,617.00	TCB 6/2/2	1-1	88/01/22	A	A
Pathology-Laboratory	Microtome SLEOGE	MEMMERT	U60	TC 2	63		DELVA	\$9,000.00	TCB 6/2/2	1-1	88/03/10	C	A
Pathology-Laboratory	Perflintown	MEMMERT	U60	TC 2	74		DELVA	\$1,560.00	TCB 6/2/2	1-1	88/03/25	A	A

Pathology-Laboratory	Parafilm/str	ELECTRO	MF6516	TC 2	73	HISCO	\$572.00/TC B 622	1-1	88/01/29	AHP 35/1	A
Pathology-Laboratory	pH meter	ORION	S4520	TC 2	35	DELIMA	\$1,470.00/TC B 622	1-4	88/03/31	AHP 26/1	A
Pathology-Laboratory	Pipette discard	NALGENE	5242-00	TC 2	29	DELIMA	\$111.00/TC B 622	1-5	88/01/27	AHP 27/1	A
Pathology-Laboratory	Refrigerator	National	NR-316	TC 2	1	DELIMA	\$1,600.00/TC B 622	1-6	88/01/25	AHP 38/1	A
Pathology-Laboratory	Test Tube Rack	MEMMERT	SW-32	TC 2	96	DELIMA	\$50.00/TC B 622	10-50	88/01/27	AHP 28/1	D
Pathology-Laboratory	Water bath	MEMMERT	W-300	TC 2	17	DELIMA	\$1,067.00/TC B 622	1-1	88/03/23	AHP 37/1	B
Pathology-Laboratory	Microtome knife(SHARPNER)	Reichert	504	TC 2	70	BIO-DIOGNOSTIC	\$3,860.00/TC B 623	1-1	88/03/19	AHP 41/1	D
Pathology-Laboratory	Microtome (Rotary)	Yamatoko	LR-85	TC 2	88	DELIMA	\$14,809.00/TC B 623	1-1	88/03/10	AHP 22/1	A
Pathology-Laboratory	Stocker (SLIDES)	Ikenoto	SC-5	TC 2	106	FILCO	\$3,345.00/TC B 623	1-1	88/04/08	AHP 44/1	A
Pathology-Laboratory	Specimen (SHARKER)	Shurt	Shurt	TC 2	72	DELIMA	\$2,250.00/TC B 623	1-1	88/03/19	AHP 42/1	A
Pathology-Laboratory	Tissue Embedding and VAC	Reichert	8041	TC 2	79	BIO-DIOGNOSTIC	\$12,795.00/TC B 623	1-1	88/03/19	AHP 43/1	A
Pathology-Laboratory	Microplate	Nishitryo	5000 DG	TC 6	7	INTERSCIENCE	\$850.00/TC B 1/2	1-1	90/11/10	AHP 27/2	A
Pathology-Laboratory	Slide Cabinet	BDH	60000	TC 6	6	HISTOCENTER	\$42,000.00/TC B 1/2	5-5	91/01/05	AHP 54/2	A
Pathology-Laboratory	Crystal Frigbox	2000E	LEICA	TC 7	4	HISTOCENTER	\$33,000.00/TC B 1/2	5-6	91/03/27	AHP 54/3	A
Pathology-Laboratory	Vortex mixer	HELDOLPH	REAX-2000	TC 8	19	BLUM JWA	\$1,133.00/TC 3/1	1-1	92/09/24	AHP 34/5	A
Pathology-Laboratory	Refrigerator, Normal 4 C	SINGER	280	TC 8	20	SINGER	\$1,866.00/TC 3/1	1-1	92/07/01	AHP 39/3	A
Pathology-Laboratory	Hair Dryer	SINGER	301	TC 8	21	SINGER	\$74.00/TC 3/1	1-1	92/07/01	AHP 64/1	B
Pathology-Laboratory	Water baths for Nisto Sections	AJ COPE	MH 6153B	TC 8	22	BLUM JWA	\$1,350.00/TC 3/1	1-1	92/09/23	AHP 32/2	A
Pathology-Laboratory	Hot Plate Stirrer	STUART	SM-3	TC 8	23	BLUM SAINS	\$852.00/TC 3/1	1-1	92/12/01	AHP 8/2	A
Pathology-Laboratory	Fume Hood	CHONGS	CHONGS	TC 8	24	CHONGS/KOK	\$980.00/TC 3/1	1-1	92/11/12	AHP 36/2	D
Pathology-Laboratory	Wax bath beakers(SPARE)	SHANDON	2L-22Q240V	TC 8	25	BLUM SAINS	\$4,510.00/TC 3/1	1-1	92/07/28	AHP 53/5	A
Pathology-Laboratory	Lab Bench "LOCAL"	REMCO	-	TC 8	25	REMCO	\$1,560.00/TC 3/1	1-1	92/09/23	AHP 38/3	A
Pathology-Laboratory	Inubator	MEMMERT	EM-400	TC 8	27	BLUM JWA	\$2,300.00/TC 3/1	1-1	92/08/24	AHP 54/3	A
Pathology-Laboratory	Opboard for EM Specimens	REMCO	-	TC 8	29	REMCO	\$1,800.00/TC 3/1	1-1	92/07/01	AHP 64/1	B
Pathology-Laboratory	Vacuum cleaner	SINGER	151	TC 8	30	SINGER	\$313.00/TC 3/1	1-1	92/07/01	AHP 56/2	B
Pathology-Laboratory	Ultrathin EM specimen trimmer	SINGER	151	TC 9	5	HISTOCENTER	\$30,000.00/TC 4/1	1-1			
Pathology-Laboratory	Petary microtome	Mirrer	TC9A	TC 9	6	DELIMA	\$26.00/TC B 53/1	5	88/07/29	ASP 15/15	A
Pathology-Laboratory	Poly bucket	Winters	694EM	TC 3	18	DELIMA	\$5.00/TC B 63/1	2	88/07/29	ASP 14/14	B
Pathology-Laboratory	Poddy Scale	Orins	NTE	TC 3	8	INTERSCIENCE	\$250.00/TC B 63/1	5	88/08/19	ASP 4/4/1	C
Pathology-Laboratory	Utility cart	Victor	WH19	TC 3	5	QUICKLAB	\$460.00/TC B 63/1	2	88/08/22	ASP 6/6/1	A
Pathology-Laboratory	Vacuum Cleaner	Injumatic	VND-150	TC 3	3	INTERSCIENCE	\$2,260.00/TC B 63/1	2	88/08/19	ASP 3/3/1	A
Pathology-Laboratory	Crick Cage	Yula	TH-992	TC 3	24	QUICKLAB	\$46.00/TC B 63/1	10	88/08/22	ASP 9/9/1	C
Pathology-Laboratory	Dust Mask	Garson	Mask	TC 3	25	INTERSCIENCE	\$35.00/TC B 63/1	5	88/08/19	ASP 18	A
Pathology-Laboratory	Scooplator	Quicklab	Spada	TC 3	20	QUICKLAB	\$10.00/TC B 63/1	1	88/08/22	ASP 7/7/1	D
Pathology-Laboratory	Scoop small	Quicklab	Small	TC 3	21	QUICKLAB	\$30.00/TC B 63/1	5	88/08/22	ASP 8/8/1	A
Pathology-Laboratory	Sterilizer	Galherka	SP-340	TC 2	31	DELIMA	\$930.00/TC B 63/1	1	88/07/29	ASP 1	A
Pathology-Laboratory	Knife	Quicklab	D-0608-00	TC 9	9-1	QUICKLAB	\$3,251.30/TC B 4/1	2	93/		
Pathology-Laboratory	Knife Key	Quicklab	D-0508-00	TC 9	9-2	QUICKLAB	\$66.15/TC B 4/1	2	93/		
Pathology-Laboratory	Eccentric Measuring	Quicklab	D-6549-00	TC 9	9-3	QUICKLAB	\$12,100.30/TC B 4/1	1	93/		
Pathology-Laboratory	Down Pin	Quicklab	3-2187-00	TC 9	9-4	QUICKLAB	\$4.40/TC B 4/1	1	93/		
Pathology-Laboratory	Retaining Ring	Quicklab	3-0111-00	TC 9	9-5	QUICKLAB	\$36.15/TC B 4/1	1	93/		
Pathology-Laboratory	Bearing Trimmer	Quicklab	3-0276-00	TC 9	9-6	QUICKLAB	\$151.65/TC B 4/1	1	93/		
Pathology-Laboratory	Lock Nut SKF	Quicklab	3-0066-00	TC 9	9-7	QUICKLAB	\$150.62/TC B 4/1	2	93/		
Pathology-Laboratory	Lock Washer SKF	Quicklab	3-0066-00	TC 9	9-8	QUICKLAB	\$5.25/TC B 4/1	1	93/		
Pathology-Laboratory	Seal National	Quicklab	3-0311-00	TC 9	9-9	QUICKLAB	\$66.15/TC B 4/1	4	93/		
Pathology-Laboratory	Eccentric Housing Cover	Quicklab	D-0630-00	TC 9	9-10	QUICKLAB	\$1,855.00/TC B 4/1	1	93/		
Pathology-Laboratory	Marline Screw	Quicklab	3-9001-07	TC 9	9-11	QUICKLAB	\$3.50/TC B 4/1	6	93/		
Pathology-Laboratory	Pipe Plug	Quicklab	3-0183-00	TC 9	9-12	QUICKLAB	\$5.25/TC B 4/1	1	93/		
Pathology-Laboratory	Roller Shaft	Quicklab	D-0646-00	TC 9	9-13	QUICKLAB	\$4,011.70/TC B 4/1	1	93/		
Pathology-Laboratory	Bearing Trimmer	Quicklab	3-0277-00	TC 9	9-14	QUICKLAB	\$260.50/TC B 4/1	1	93/		
Pathology-Laboratory	Roller Shaft Steel	Quicklab	3-0312-00	TC 9	9-15	QUICKLAB	\$96.15/TC B 4/1	6	93/		
Pathology-Laboratory	Seal Housing	Quicklab	D-0633-00	TC 9	9-16	QUICKLAB	\$2,107.20/TC B 4/1	1	93/		
Pathology-Laboratory	Seal Plate	Quicklab	D-0646-00	TC 9	9-17	QUICKLAB	\$667.75/TC B 4/1	1	93/		
Pathology-Laboratory	Marline Screw	Quicklab	3-9000-00	TC 9	9-18	QUICKLAB	\$7.05/TC B 4/1	8	93/		
Pathology-Laboratory	Roller Shaft Collar	Quicklab	D-0647-00	TC 9	9-19	QUICKLAB	\$1,589.50/TC B 4/1	1	93/		
Pathology-Laboratory	Set Screw	Quicklab	3-0524-01	TC 9	9-20	QUICKLAB	\$4.40/TC B 4/1	2	93/		
Pathology-Laboratory	Cap Screw	Quicklab	3-9017-00	TC 9	9-22	QUICKLAB	\$2,132.30/TC B 4/1	1	93/		
Pathology-Laboratory	Lock Washer	Quicklab	3-9055-00	TC 9	9-23	QUICKLAB	\$33.50/TC B 4/1	4	93/		
Pathology-Laboratory	Die Assembly	Quicklab	D-0605-00	TC 9	9-25	QUICKLAB	\$10,020.40/TC B 4/1	1	93/		
Pathology-Laboratory	Die Key	Quicklab	D-0622-01	TC 9	9-26	QUICKLAB	\$429.55/TC B 4/1	1	93/		
Pathology-Laboratory	Die Clamp	Quicklab	3-9055-02	TC 9	9-27	QUICKLAB	\$6,597.00/TC B 4/1	1	93/		
Pathology-Laboratory	Die Clamp Bolt	Quicklab	3-9045-00	TC 9	9-28	QUICKLAB	\$37.05/TC B 4/1	4	93/		
Pathology-Laboratory	N.M.	Quicklab	3-9045-00	TC 9	9-28	QUICKLAB	\$41.40/TC B 4/1	4	93/		

SPF Unit-Preparation	92	Wrench	Quacklab	3-5331-00	TC 9	9-29	QUIXLAB	Expert Acco	1	93	ASP 16	C	A
SPF Unit-SPF		Safety Equipment			ACE63	16	QUIXLAB	\$203.70	1	93	ASP 16	C <th>A</th>	A
SPF Unit-Experiment		Electronic Digital	Tenite	TLD 600	TC 4	1	SOHOE	\$848.00	3-3	89/03/31	AFM 9	A <th>A</th>	A
SPF Unit-Experiment		Alarm/al electrical	Foot-Low	1026C	TC 4	2	INTE-SCIENCE	\$1,750.00	2-2	89/03/24		B <th>A</th>	A
SPF Unit-Experiment		Extension wire	Local		TC 4	3	EGLET	\$195.00	1-1	89/02/08		A <th>A</th>	A
SPF Unit-Experiment		Compass/Chair	Facel	Racal 2	TC 4	4	QUIXLAB	\$3,998.00	1-1	89/03/23	ASP 27	C <th>A</th>	A
SPF Unit-Experiment		Lyon Precision	Pat for	RS0-21 F	TC 5	1	QUIXLAB	\$1,806.00	1-1	89/09/29		C <th>A</th>	A
Training-Experiment		Microscope	Nikon	YS2-H	TC 2	9 -1	SHIHO	\$3,298.00	4	89/09/29		C <th>A</th>	A
Training-Experiment		Microscope	Nikon	SMZ-2B	TC 2	9 -2	SHIHO	\$7,822.00	1	89/09/29		C <th>A</th>	A
Training-Experiment		Microscope	Nikon	TM5	TC 2	9 -3	SHIHO	\$1,860.00	1	89/09/29		C <th>A</th>	A
Training-Experiment		Refrigerator	Sanyo	SR-3037	TC 3	47	QUIXLAB	\$1,860.00	1	89/09/29		C <th>A</th>	A
Training-Experiment		Vortex mixer	Thermoly	TK7500	TC 2	50	FILCO	\$525.00	2	89/11/22		C <th>A</th>	A
Training-Laboratory		Microscope TV	Nippon	CK 3001	GA 1	54	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	A/D B	D <th>A</th>	A
Training-Laboratory		Center Table	Sart-EI	GA-B-IV	GA 1	53	KNC	GRANT AID/GA Phase 1	2-2	89/01/19	A/D 2/1,2	D <th>A</th>	A
Training-Laboratory		Instructional Table	Sart-EI	C-4 J	GA 1	52	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	A/D 6	D <th>A</th>	A
Training-Laboratory		Cooling Cabinet	HITACHI	CR 382	TC 2	4	MECOM-B	\$13,912.46	1-4	89/01/29	A/D 3	D <th>A</th>	A
Training-Laboratory		Dessicator	LUCHI	1-40-0	TC 2	23	HISCO	\$2,146.00	1-10	89/03/01	A/D 4	D <th>A</th>	A
Training-Laboratory		Incubator CO2	MBSMART	INCO 2	TC 2	48	HISCO	\$18,507.00	1-4	89/04/23	A/D 5	D <th>A</th>	A
Training-Laboratory		Magnetic stirrer	K-AMAG	MINI-MR	TC 2	56	HISCO	\$607.00	1-3	89/01/50	A/D 7	D <th>A</th>	A
Training-Laboratory		Balance	Mettler	PM 400	TC 2	37	SIEBER	\$4,495.00	1-1	89/04/24	A/D 1	D <th>A</th>	A
Training-Laboratory		Microfiltrators	Tomy	Tomy	TC 2	22	FILCO	\$3,588.00	3-3	89/04/07	A/D 1/2	D <th>A</th>	A
Training-Zhuze		Photocopier	Canon	NP-270	GS-61A	26	SLAMITON	\$4,000.00	1-1	89/11/21	A/D 10	D <th>A</th>	A
Training-Preparation		Instrument Cabinet	Sart-EI	BP-IV	GA 1	10	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	A/D 11	D <th>A</th>	A
Training-Preparation		Storage Cabinet	Sart-EI	GA-IV	GA 1	9	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	A/D 12	D <th>A</th>	A
Training-Preparation		Alloy Instrument	Gallenka	DKJ-410	TC 3	36	ANTAH	\$110.00	2	89/03/23		D <th>A</th>	A
Training-Preparation		Dessicator	LUCHI	1-040-0	TC 2	23	HISCO	\$2,145.00	1-10	89/03/01	A/D 13	D <th>A</th>	A
Training-Preparation		Test Tuberack	FLCMLAB	SWG 22	TC 2	96	FLCMLAB	\$50.00	10-50	89/01/27	A/D 14	D <th>A</th>	A
Training-Preparation		Water Bath	Manmert	W760	TC 2	17	DELIMA	\$2,037.80	1-4	89/03/22	A/D 15	D <th>A</th>	A
Training-Preparation		Coverhead Projector	ELMO	H33390	TC 2	105	HISCO	\$1,323.00	1-2	89/01/30	A/D 16	D <th>A</th>	A
Virology-Clean Room		Side Table	Sart-EI	S-WTH	GA 1	15	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	AV 201	A <th>A</th>	A
Virology-Clean Room		Side Table	Sart-EI	S-WTH	GA 1	15	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	AV 202	A <th>A</th>	A
Virology-Clean Room		Sink	Sart-EI	A-IV	GA 1	11	KNC	GRANT AID/GA Phase 1	1-1	89/01/19		A <th>A</th>	A
Virology-Clean Room		Sink	Sart-EI	A-IV	GA 1	11	KNC	GRANT AID/GA Phase 1	1-1	89/01/19		A <th>A</th>	A
Virology-Clean Room		Sink	Sart-EI	A-IV	GA 1	11	KNC	GRANT AID/GA Phase 1	1-1	89/01/19		A <th>A</th>	A
Virology-Common Equip		Working Table	Sart-EI	UT-B-IV	GA 1	37	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	AC 61	A <th>A</th>	A
Virology-Common Equip		Cooling Cabinet	Hilachi	CR-2032	TC 2	5	MED-MB	\$42,032.00	1-1	87/09/07	AC 21	A <th>A</th>	A
Virology-Common Equip		Ultra Deep Freezer	Paneco	UL13090	TC 2	3	HISCO	\$19,787.00	1-2	87/07/04	AC 91	A <th>A</th>	A
Virology-Common Equip		Deep Freezer	SANTO	MDP-053	TC 2	2	HISCO	\$5,055.00	1-6	87/03/01	AC 11	A <th>A</th>	A
Virology-Common Equip		Ice Maker	HILBARD	AF10AS	TC 2	82	HISCO	\$5,690.00	1-1	87/02/01	AC 41	A <th>A</th>	A
Virology-Common Equip		Ultra Deep Freezer	RECCO	UL13090	TC 2	3	HISCO	\$18,472.00	1-2	87/03/01	AC 32	A <th>A</th>	A
Virology-Common Equip		Centrifuge Accessories	Hilachi	FPF93-3	TC 2	4	MEDCOMB	\$4,600.00	1-1	88/04/17		A <th>A</th>	A
Virology-Common Equip		Dry Ice maker	Nichio	H3900 G	TC 2	83	FILCO	\$1,250.00	1-1	89/04/06	AC 81	B <th>A</th>	A
Virology-Common Equip		Hand Chamber	Westphal	13 mm/20	TC 6	3	FILCO	\$4,760.00	1-2	90/12/24		B <th>A</th>	A
Virology-Common Equip		Freeze Drying	Nichiden	1 ml	TC 6	1	QUIXLAB	\$1,751.75	1-2	91/01/31		D <th>A</th>	A
Virology-Common Equip		Freeze Drying	Sarnco	10 ml	TC 6	2	QUIXLAB	\$1,751.75	1-2	91/01/31		D <th>A</th>	A
Virology-Common Equip		Lubrication	-	-	TC 6	3	QUIXLAB	\$159.00	3-3	91/01/31		D <th>A</th>	A
Virology-Experiment		Agglutination	Jooko	Aqglutin	TC 3	23	DELIMA	\$1,600.00	1	89/01/12	AV 291	A <th>A</th>	A
Virology-Experiment		Autopsy Instrument	Gallenka	DKJ-410	TC 3	36	ANTAH	\$1,100.00	2	89/03/23		D <th>A</th>	A
Virology-Experiment		Egg Incubator	Sarnco	K-20E	TC 2	51	DELIMA	\$4,700.00	1	89/01/12	AV 2/2	A <th>A</th>	A
Virology-Experiment		Gain Immun	Gelman	700504	TC 2	44	FLCMLAB	\$5,610.00	1	89/09/08		A <th>A</th>	A
Virology-Experiment		Incubator normal	Shin Chi	46 x 51	TC 2	46	SIN CHI	\$65.00	8	89/07/19		D <th>A</th>	A
Virology-Experiment		Incubator normal	WinKee	56 x 100	TC 2	46	WINGKEE	\$148.00	1	89/07/30		D <th>A</th>	A
Virology-Experiment		Microscope	Nikon	TM5-PH	TC 2	10	SHIHO	\$7,822.00	1	89/09/29	AV 1/3	A <th>A</th>	A
Virology-Experiment		Microfiltrators	Yalac	FR380PE	TC 2	22	FILCO	\$5,810.00	1	89/11/22		B <th>A</th>	A
Virology-Experiment		MS Phase Centrifester	Nikon	FLWD	TC 2	13	SHIHO	\$5,212.00	1	89/09/29		A <th>A</th>	A
Virology-Experiment		Refrigerator	Sanyo	SR2400F	TC 2	1	DELIMA	\$7,000.00	1	89/01/12	AV 2/2	A <th>A</th>	A
Virology-Experiment		Refrigerator	Sanyo	SR-3037	TC 3	47	QUIXLAB	\$1,860.00	1	89/08/22	AV 2/3	A <th>A</th>	A
Virology-Experiment		Compressor	Hilachi	-	GA 1	29	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	AF 31	A <th>A</th>	A
Virology-Experiment		Freezer Dryer	Labconco	FD-10	GA 1	27	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	AF 11	A <th>A</th>	A
Virology-Experiment		Sealing Burner	Labconco	-	GA 1	28	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	AF 41	C <th>A</th>	A
Virology-Experiment		Working Table	Sart-EI	UT-B-IV	GA 1	37	KNC	GRANT AID/GA Phase 1	2-2	89/01/19	AF 21, 2	A <th>A</th>	A
Virology-Experiment		Egg Incubator	Pais PRKO	C21	TC 2	51	HISCO	\$12,600.00	1-1	89/04/23	AF 21	A <th>A</th>	A
Virology-Experiment		Side Table	Sart-EI	D-F-IV	GA 1	8	KNC	GRANT AID/GA Phase 1	1-1	89/01/19	AF 11	A <th>A</th>	A
Virology-Laboratory		Center Table	Sart-EI	FGA-5-CL	GA 1	7	KNC	GRANT AID/GA Phase 1	2-2	89/01/19	AV 203, 4	A <th>A</th>	A
Virology-Laboratory		Instrument Cabinet	Sart-EI	BP-IV	GA 1	10	KNC	GRANT AID/GA Phase 1	2-2	89/01/19	AV 231, 2	A <th>A</th>	A

Viriology-Laboratory	Side Table	Sm-EI	D-F-IV	GA1	GA1	GA1	8	3	KINC	GRANT AID	GA Phase 1	4-4	88/01/19	AV 205.3	A
Viriology-Laboratory	Sink	Sm-EI	A-IV	GA1	GA1	GA1	11		KINC	GRANT AID	GA Phase 1	2-2	86/01/19		A
Viriology-Laboratory	Storage Cabinet	Sm-EI	CA-IV	GA1	GA1	GA1	9		KINC	GRANT AID	GA Phase 1	2-2	86/01/19	AV 233.4	A
Viriology-Laboratory	UV Light Steril	Sm-EI	Bumer	GK-621	GK-621	GK-621	3		CHONG	\$1,170.00	Project Team 1	1-1	87/07/10	AV 181	B
Viriology-Laboratory	Whirlmixer	Fisons	WMA-220	GK-621	GK-621	GK-621	20		LABORATORY	\$390.00	Project Team 1	1-1	88/06/03	AV 122	A
Viriology-Laboratory	Microwave Oven	Toshiba	ER-21CE	GK-623	GK-623	GK-623	34		M.P. TAN	\$639.00	Project Team 1	1-1	87/11/12	AV 251	A
Viriology-Laboratory	Cooling Centrifuge	Hilachi	CR-8B2	TC2	TC2	TC2	4		MECMB	\$17,200.00	TCB B 61/2	1-1	87/03/24	AV 171.1	A
Viriology-Laboratory	Magnetic Stirrer	Toyko Ros	A2-C25	TC2	TC2	TC2	56		FILCO	\$1,340.00	TCB B 61/2	3-3	87/03/29	AV 171.2	A
Viriology-Laboratory	pH Meter	Horbta	H-7LD	TC2	TC2	TC2	35	-1	MECMB	\$2,852.00	TCB B 61/2	1-1	87/03/28	AV 141	D
Viriology-Laboratory	Precision Balance	Mettler	PM400	TC2	TC2	TC2	38	-1	SBER	\$5,900.00	TCB B 61/2	1-1	87/02/18	AV 151	A
Viriology-Laboratory	Water Bath	Toyko Ros	ET-35D	TC2	TC2	TC2	17		FILCO	\$2,900.00	TCB B 61/2	1-6	87/03/29	AV 131	A
Viriology-Laboratory	Deep Freezer	SANYO	MDF-0535	TC2	TC2	TC2	2	-1	DELIMA	\$9,328.00	TCB B 62/1	1-6	87/09/27	AV 91	A
Viriology-Laboratory	Autoclave	Tomy	SS-240	TC2	TC2	TC2	32		FILCO	\$6,715.00	TCB B 62/2	1-2	86/09/23	AV 51	A
Viriology-Laboratory	Deep Freezer	SANYO	MDF-0535	TC2	TC2	TC2	2	-2	HISCO	\$5,665.00	TCB B 62/2	1-6	86/03/01	AV 101	B
Viriology-Laboratory	Dessicator	ILCHI	1-040-00	TC2	TC2	TC2	23		HISCO	\$2,145.00	TCB B 62/2	1-10	86/03/01	AV 101	B
Viriology-Laboratory	Egg Candler	FLUJHARA	FN-605	TC2	TC2	TC2	53		DELIMA	\$1,930.00	TCB B 62/2	1-1	86/03/19	AV 61	A
Viriology-Laboratory	Homogeniser	IKA	T25	TC2	TC2	TC2	33		HISCO	\$18,507.00	TCB B 62/2	1-1	86/01/23	AV 111	A
Viriology-Laboratory	Inoculator CO2	LEEC	GA3-N	TC2	TC2	TC2	46		HISCO	\$3,470.00	TCB B 62/2	1-4	86/04/23	AV 31	C
Viriology-Laboratory	Inoculator Normal	MEMMERT	BE 80	TC2	TC2	TC2	46	-1	DELIMA	\$6,290.00	TCB B 62/2	1-2	86/03/26	AV 32	A
Viriology-Laboratory	Microscope	NIKON	TND-NT	TC2	TC2	TC2	13	-2	SHIRO	\$24,075.00	TCB B 62/2	1-1	86/01/22	AV 111	A
Viriology-Laboratory	Microtitrator	NIKON	XF-21N	TC2	TC2	TC2	14		SHIRO	\$9,575.00	TCB B 62/2	1-3	86/01/22	AV 12	A
Viriology-Laboratory	Multi Channel	DYNATECH	AUTODIL	TC2	TC2	TC2	22	-1	BIO-DIAGONISTIC	\$20,760.00	TCB B 62/2	1-1	86/01/22	AV 41	B
Viriology-Laboratory	Pipette Discard	FLOWLAB	17-857	TC2	TC2	TC2	56		FLOWLAB	\$1,160.00	TCB B 62/2	1-2	86/01/27	AV 71	A
Viriology-Laboratory	Refrigerator	NALGENE	S242-00	TC2	TC2	TC2	24		FLOWLAB	\$111.00	TCB B 62/2	2-5	86/01/27	AV 81	A
Viriology-Laboratory	Sonicator	BRANSON	2E0	TC2	TC2	TC2	1	-2	DELIMA	\$1,600.00	TCB B 62/2	1-1	86/01/25	AV 21	B
Viriology-Laboratory	Steriliser	ALCOPE	SP-700	TC2	TC2	TC2	31		WENAFD	\$1,732.00	TCB B 62/2	1-1	86/03/02	AV 191	A
Viriology-Laboratory	Test Tube Rack	Flowlab	SWG 22	TC2	TC2	TC2	96		FLOWLAB	\$50.00	TCB B 62/2	1-1	86/01/27	AV 121	A
Viriology-Laboratory	Vortex (test tube)	THEFAMILY	MAXI-M	TC2	TC2	TC2	50		HISCO	\$387.00	TCB B 62/2	1-1	86/01/23	AV 121	A
Viriology-Laboratory	Peristaltic Pump	Atto	SU-1220	TC2	TC2	TC2	19		FILCO	\$2,630.00	TCB B 62/3	1-3	86/04/05	AV 261	B
Viriology-Laboratory	Rolling Drum	Bellco	Rolling	TC2	TC2	TC2	26		FILCO	\$25,022.00	TCB B 62/3	1-1	86/04/05	AV 303	B
Viriology-Laboratory	Wacuum Trap	Kawasaki	Vacuum	TC2	TC2	TC2	26		TAMAC	\$10,500.00	TCB B 62/3	2-6	86/03/02	AV 271.2	A
Viriology-Laboratory	Brushing Machine	LEEC	BMC	TC6	TC6	TC6	13		FILCO	\$4,700.00	TCB B 1/2	1-1	90/12/24	AV 361	A
Viriology-Laboratory	Rubber Stoppers	BELCO	Silicon	TC6	TC6	TC6	17		FILCO	\$4,200.00	TCB B 1/2	28-38	90/7/24		A
Viriology-Laboratory	Flow Rotor	Hilachi	RPRC 10	TC7	TC7	TC7	7		MECMB	\$8,540.00	TCB B 2/1	1-1	91/03/22		A
Viriology-Laboratory	Collector Assy	Hilachi	217245 A	TC7	TC7	TC7	6		MECMB	\$5,650.00	TCB B 2/1	1-1	91/03/22		A
Viriology-Laboratory	Seal Unit Assy	Hilachi	217240 A	TC7	TC7	TC7	10		MECMB	\$7,978.00	TCB B 2/1	1-1	91/03/22		B
Viriology-Laboratory	MVE Liquid Nitrogen Tanks	ATO	SC3332	TC6	TC6	TC6	1		QUICKLAB	\$2,710.00	TCB B 1/2	3-3	91/01/31	AV 285.6,7	A
Viriology-Laboratory	Cold Chamber	ATO		TC6	TC6	TC6	2		QUICKLAB	\$3,702.77	TCB B 1/2	1-1	91/01/31	AV 24	A
Viriology-Laboratory	pH Meter	Mettrom	620	TC6	TC6	TC6	4		QUICKLAB	\$2,503.00	TCB B 1/2	1-1	91/01/31	AV 14/2	A
Viriology-Laboratory	Air Condition	National	CSS90K	TC6	TC6	TC6	5		QUICKLAB	\$5,300.00	TCB B 1/2	1-1	91/01/31	AV 67 AC 11/1	A
Viriology-Laboratory	Roller bottle	BELCO		TC6	TC6	TC6	6		QUICKLAB	\$4,853.00	TCB B 1/2	30-30	91/01/31		A
Viriology-Laboratory	Pour bottle	BELCO		TC6	TC6	TC6	7		QUICKLAB	\$840.00	TCB B 1/2	20-20	91/01/31		A
Viriology-Laboratory	Tissue Culture	BELCO		TC6	TC6	TC6	6		QUICKLAB	\$1,650.00	TCB B 1/2	50-50	91/01/31		A
Viriology-Laboratory	Reseal bottles	LKB		TC6	TC6	TC6	9		QUICKLAB	\$4,657.00	TCB B 1/2	50-50	91/01/31		A
Viriology-Laboratory	Friction Collector	Biorad		TC6	TC6	TC6	11		QUICKLAB	\$19,250.00	TCB B 1/2	1-1	91/01/31	AV 351,2,3,4,5	A
Viriology-Laboratory	Blushing Machine	BELCO		TC6	TC6	TC6	13		FILCO	\$4,705.00	TCB B 1/2	1-1	91/01/31		B
Viriology-Laboratory	Tissue Culture	BELCO		TC6	TC6	TC6	14		QUICKLAB	\$1,590.00	TCB B 1/2	# # # #	91/01/31		A
Viriology-Laboratory	Silicon Rubber	BELCO		TC6	TC6	TC6	17		FILCO	\$4,284.00	TCB B 1/2	# # # #	90/7/24		A
Viriology-Laboratory	Water Bath	Burkinton	SSH0-C2	TC7	TC7	TC7	2		QUICKLAB	\$7,755.00	TCB B 2/1	1-1	91/01/31	AV 133	A
Viriology-Laboratory	Shaker Platform	Pharmacia	ET	TC7	TC7	TC7	2		QUICKLAB	\$1,950.00	TCB B 2/1	1-1	91/01/31	AV 133	A
Viriology-Laboratory	Vertical gel	LKB		TC7	TC7	TC7	3		QUICKLAB	\$14,713.00	TCB B 2/1	1-1	91/01/31	AV 381	B
Viriology-Laboratory	Thermostatic	Dalton	CCA 721	TC7	TC7	TC7	5		QUICKLAB	\$9,701.00	TCB B 2/1	1-1	91/01/31	AV 384	B
Viriology-Laboratory	Peristaltic Pump	LKB	19-4610	TC7	TC7	TC7	9		QUICKLAB	\$5,300.00	TCB B 2/1	2-2	91/01/31	AV 2318	A
Viriology-Laboratory	Pipette Aid	Drummond	44-0-22	TC7	TC7	TC7	11		QUICKLAB	\$6,000.00	TCB B 2/1	3-3	91/01/31	AV 353	A
Viriology-Laboratory	Biorad and Cabinet	Gelman	BT-120	TC7	TC7	TC7	12		QUICKLAB	\$18,980.00	TCB B 2/1	1-1	91/01/31	AV 371	A
Viriology-Laboratory	Shakeless Tray	REMCO	M9	TC8	TC8	TC8	14		QUICKLAB	\$580.00	TCB B 2/1	2-2	91/01/31	AV 324	A
Viriology-Laboratory	Laboratory storage shelf	USA		TC8	TC8	TC8	31		REMCO	\$4,150.00	TCB B 2/1	1-1	92/07/28	AV 2319 AV 2320	A
Viriology-Laboratory	Face mask with accessories	USA		TC8	TC8	TC8	33		QUICKLAB	\$1,212.00	TCB B 3/1	1-1	92/09/02		A
Viriology-Laboratory	Nalge Filters holder & receiver	USA		TC8	TC8	TC8	34		FILTRITE	\$7,616.00	TCB B 3/1	1-1	92/05/18		A
Viriology-Laboratory	Safety burner burner	USA		TC8	TC8	TC8	34		QUICKLAB	\$4,800.00	TCB B 3/1	1-1	92/09/02	AV 392.39/2	A
Viriology-Laboratory	Hilachi refrigerator high speed centrifuge	USA	CA 2082	TC8	TC8	TC8	35		MECMB	\$42,595.00	TCB B 3/1	1-1	92/03/27	AC 2/2	B
Viriology-Laboratory	Carbon dioxide gas tank			TC8	TC8	TC8	36		GLASCOHEM LAB	\$183.00	TCB B 3/1	1-1	92/04/03		A



Virology-Laboratory	92	Microc. stritube with accessories	TC-9	7	SAFARI ALAT	\$14,725.00	TCB 4/1	93V		
Virology-Laboratory	92	PAGE protein eluter	TC-9	8	FILTRITE	\$5,895.00	TCB 4/1	93V		
Virology-Precision		ELISA Apparatus	TC-2	84	FLOWLAB	\$39,678.00	TCB 6/2	8801/27	API 4/1	B
Virology-Precision		Fraction Collector	TC-2	85	SIBER	\$19,000.00	TCB 6/2	8801/22	API 2/1	A
Virology-Precision		Precision Balance	TC-2	36	SIBER	\$6,750.00	TCB 6/2	8801/22	API 1/1	B
Virology-Precision		Spectrophotome	TC-2	89	MECQMB	\$18,083.00	TCB 6/2	8801/27	API 5/1	B
Virology-Precision		Electrophoresis	TC-2	87	FILCO	\$7,814.00	TCB 6/3/1	8801/22	API 3/2	B
Virology-Precision		ELISA Apparatus	TC-2	84	BIO-DIOGNOSTIC	\$6,100.00	TCB 6/3/1	8801/27	API 4/2	B
Virology-Precision		Center Table	GA1	7	KNC	GRANT AID	G/A Phase 1	8801/19	API 7/1	A
Virology-Precision		Instrument Cabinet	GA1	10	KNC	GRANT AID	G/A Phase 1	8801/19	API 8/1	A
Virology-Precision		Side Table	GA1	8	KNC	GRANT AID	G/A Phase 1	8801/19	API 7/2_3	A
Virology-Precision		Shk	GA1	11	KNC	GRANT AID	G/A Phase 1	8801/19	API 7/1	A
Virology-Precision		Storage Cabinet	GA1	9	KNC	GRANT AID	G/A Phase 1	8801/19	API 8/2	A
Virology-Ultra Centrifuge		Ultra Speed Centrifuge	TC-2	7	MECQMB	\$11,054.00	TCB 6/2	8801/29	AUC 1/1	A
Virology-Ultra Centrifuge		Instrument Cabinet	GA1	10	KNC	GRANT AID	G/A Phase 1	8801/19	AUC 4/1	A
Virology-Ultra Centrifuge		Instrument Cabinet	GA1	10	KNC	GRANT AID	G/A Phase 1	8801/19		A
Virology-Ultra Centrifuge		Side Table	GA1	8	KNC	GRANT AID	G/A Phase 1	8801/19		A
Virology-Virology		Magnetic Stir Balance	AOE 63	13	DR. HILHRA	Y. 18,300	Expert Acco	8803/01		A
Virology-Experiment		Microscope	TC-2	16	HAGEMEYER	\$42,233.00	TCB 6/3/1	8903/23	API 11/1	A
Virology-Experiment		ELISA Software	TC-4	1	FLOWLAB	\$7,000.00	TCB 6/3/2	8903/24		A
Virology-Experiment		Magnetic Stirrer	TC-4	2	HISCO	\$436.00	TCB 6/3/2	8903/24	AV 17/4	A
Virology-Experiment		Ultra Deep Freezer	TC-4	3	HISCO	\$3,829.00	TCB 6/3/2	8903/24	AUC 3/2	A
Virology-Experiment		Homogenizer-shaker	TC-4	4	HISCO	\$8,183.00	TCB 6/3/2	8903/24		A
Virology-Experiment		ELISA Microplate	TC-4	5	FLOWLAB	\$150.00	TCB 6/3/2	8903/24		A
Virology-Experiment		Roller Bottles	TC-4	6	FILCO	\$2,750.00	TCB 6/3/2	8903/23		A
Virology-Experiment		Transilluminal	TC-4	7	FILCO	\$6,239.00	TCB 6/3/2	8903/23	API 13/1	C
Virology-Experiment		Horiztal electrotic	TC-4	8	QUICKLAB	\$1,021.50	TCB 6/3/2	8903/23	API 3/5	B
Virology-Experiment		Electrophoresis	TC-4	9	FILCO	\$6,761.50	TCB 6/3/2	8903/23	API 3/4	B
Virology-Experiment		CO2 Incubator Hirasawa	TC-4	10	FILCO	\$48,067.50	TCB 6/3/2	8903/23	AV 3/4	A
Virology-Experiment		Microclip cabinet	TC-4	11	FLOWLAB	\$70.00	TCB 6/3/2	8903/24		A
Virology-Experiment		Membrane filter	TC-4	12	FILCO	\$535.00	TCB 6/3/2	8903/23		A
Virology-Experiment		Water Bath	TC-4	13	INTERSCIENCE	\$1,350.00	TCB 6/3/2	8903/24	AV 13/2	C
Virology-Experiment		Utility Centry	TC-4	14	QUICKLAB	\$550.00	TCB 6/3/2	8903/23	AV 32/1_2	A
Virology-Experiment		LN Link Scale	TC-4	15	QUICKLAB	\$45.00	TCB 6/3/2	8903/23	AV 28/4_5	A
Virology-Experiment		Pastur Pipette	TC-4	16	QUICKLAB	\$45.00	TCB 6/3/2	8903/23		A
Virology-Experiment		Gas Mask (ECH)	TC-4	17	FILCO	\$4,298.00	TCB 6/3/2	8903/23	ECH 1	B
Virology-Experiment		Gas Mask (ECH)	TC-4	17	FILCO	\$505.60	TCB 6/3/2	8903/23	ECH 2	B
Virology-Experiment		Centrifuge Tube	TC-4	18	QUICKLAB	\$400.00	TCB 6/3/2	8903/23	AUC 10/1	A
Virology-Experiment		UV Lamp set	TC-4	19	INTERSCIENCE	\$220.00	TCB 6/3/2	8903/24		A
Virology-Experiment		Filteration System	TC-4	20	FILCO	\$14,575.00	TCB 6/3/2	8903/23	AV 31/2-5	B
Virology-Experiment		Flotte shell	TC-4	21	KNFaan	\$180.00	TCB 6/3/2	8902/08	AV 33/1_2	A
Virology-Experiment		Liquid Nitrogen	TC-5	1	FILCO	\$2,700.00	TCB 1/1		AV 28/4	A
Virology-Experiment		Egg Inoculator	TC-5	3	QUICKLAB	\$12,200.00	TCB 1/1		AV 2/4	A
Virology-Experiment		Ultra Filter	TC-5	4	FILCO	\$23,065.00	TCB 1/1		AV 34/1	A
Virology-Experiment		Pressure Vessel	TC-5	5	FILCO	\$3,177.00	TCB 1/1		AV 31/6	B
Virology-Experiment		Pressure Holder	TC-5	6	FILCO	\$3,938.00	TCB 1/1		AV 31/4	A
Virology-Experiment		Swirling Holder	TC-5	7	MECQMB	\$21,509.00	TCB 1/1		AUC 5/1	B

EQUIPMENT PROVIDED

Installation Section	Item	Maker	Model	JICA Item No.	Supplier	Unit Price	Funding Batch	Quantity Sec-Cen	Delivery Date	APDRITC No	Usage Rate	Maintenance Rate
<b>LEGEND :</b>												
GAI : Grant Aid Press 1												
GA2 : Grant Aid Press 2												
TC 1 : Technical Cooperationist Request												
TC 2 : Technical Cooperationist Request												
TC 3 : Technical Cooperationist Request												
TC 4 : Technical Cooperationist Request												
TC 5 : Technical Cooperationist Request												
TC 6 : Technical Cooperationist Request												
TC 7 : Technical Cooperationist Request												
TC 8 : Technical Cooperationist Request												
TC 9 : Technical Cooperationist Request												
GG : JICA Team Fund												
GK : JICA Team Fund												
Bacteriology Laboratory 92	Protector	Quicklab	0-629-00	TC 9 1	MICROSTATE	\$30,500.00	TCB 4/1	1	93/			
Bacteriology Laboratory 92	MIP-4 Polaroid camera	Quicklab	3-2157-00	TC 9 2	FILIBUTE	\$595.00	TCB 4/1	1	93/			
Parasitology Laboratory 92	Ultra Sonicator	Quicklab	3-0111-00	TC 9 3	TABUNG PAJI	\$13,035.00	TCB 4/1	1-1	93/			
Parasitology Laboratory 92	Fraction collector	Quicklab	3-0276-00	TC 9 4	MICROSTATE	\$25,967.00	TCB 4/1	1-1	93/			
Pathology Laboratory 92	Lilienthal BM specimen trimmer	Quicklab	3-0276-00	TC 9 5	HISTOCENTER	\$50,000.00	TC 4/1	1-1	93/			
Pathology Laboratory 92	Rotary microtome	Quicklab	3-0065-00	TC 9 6	HISTOCENTER	\$38,000.00	TC 4/1	1-1	93/			
Pathology Laboratory 92	Microcentrifuge with accessories	Quicklab	3-0311-00	TC 9 7	SAPALAT	\$14,725.00	TCB 4/1	1-1	93/			
Pathology Laboratory 92	PAGE protein eluter	Quicklab	3-0276-00	TC 9 8	FILIBUTE	\$5,955.00	TCB 4/1	1-1	93/			
SPF Unit-Preparation 92	Eccentric Housing	Quicklab	0-629-00	TC 9 9-3	QUICKLAB	\$12,100.30	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Dowel Pin	Quicklab	3-2157-00	TC 9 9-4	QUICKLAB	\$4.40	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Rolling Pin	Quicklab	3-0111-00	TC 9 9-5	QUICKLAB	\$36.15	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Bearing Linken	Quicklab	3-0276-00	TC 9 9-6	QUICKLAB	\$151.65	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Lock Nut SKF	Quicklab	3-0276-00	TC 9 9-7	QUICKLAB	\$150.85	TCB 4/1	2	93/			
SPF Unit-Preparation 92	Lock Washer SKF	Quicklab	3-0065-00	TC 9 9-8	QUICKLAB	\$5.25	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Seal Nutlensl	Quicklab	3-0311-00	TC 9 9-9	QUICKLAB	\$66.15	TCB 4/1	4	93/			
SPF Unit-Preparation 92	Eccentric Housing Cover	Quicklab	0-0630-00	TC 9 9-10	QUICKLAB	\$1,855.00	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Meching Screw	Quicklab	3-9001-07	TC 9 9-11	QUICKLAB	\$3.50	TCB 4/1	6	93/			
SPF Unit-Preparation 92	Pipe Plug	Quicklab	3-0183-00	TC 9 9-12	QUICKLAB	\$5.25	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Roller Shell	Quicklab	0-0646-00	TC 9 9-13	QUICKLAB	\$4,011.70	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Bearing Linken	Quicklab	3-0277-00	TC 9 9-14	QUICKLAB	\$96.15	TCB 4/1	6	93/			
SPF Unit-Preparation 92	Roller Shell Steel	Quicklab	3-0312-00	TC 9 9-15	QUICKLAB	\$2,107.20	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Seal Plate	Quicklab	0-0633-00	TC 9 9-16	QUICKLAB	\$667.75	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Machine Screw	Quicklab	3-9000-00	TC 9 9-17	QUICKLAB	\$7.05	TCB 4/1	8	93/			
SPF Unit-Preparation 92	Roller Shell Coller	Quicklab	0-0647-00	TC 9 9-18	QUICKLAB	\$1,589.50	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Set Screw	Quicklab	3-9119-00	TC 9 9-20	QUICKLAB	\$4.40	TCB 4/1	2	93/			
SPF Unit-Preparation 92	Roller	Quicklab	0-0624-01	TC 9 9-21	QUICKLAB	\$2,152.30	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Cap Screw	Quicklab	3-9017-00	TC 9 9-22	QUICKLAB	\$11.40	TCB 4/1	4	93/			
SPF Unit-Preparation 92	Lock Washer	Quicklab	3-9055-00	TC 9 9-23	QUICKLAB	\$33.50	TCB 4/1	4	93/			
SPF Unit-Preparation 92	Die Assembly	Quicklab	0-0700-00	TC 9 9-24	QUICKLAB	\$10,050.40	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Die Key	Quicklab	0-0505-00	TC 9 9-25	QUICKLAB	\$429.55	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Die Clamp	Quicklab	0-0622-01	TC 9 9-26	QUICKLAB	\$9,597.00	TCB 4/1	1	93/			
SPF Unit-Preparation 92	Die Clamp Bolt	Quicklab	3-9035-02	TC 9 9-27	QUICKLAB	\$7.05	TCB 4/1	4	93/			
SPF Unit-Preparation 92	Nut	Quicklab	3-9045-00	TC 9 9-28	QUICKLAB	\$4.40	TCB 4/1	4	93/			
SPF Unit-Preparation 92	Wrench	Quicklab	3-0331-00	TC 9 9-29	QUICKLAB	\$203.70	TCB 4/1	1	93/			

EQUIPMENT PROVIDED

LEGEND :			ITEM NO. / SOURCE OF FUND	USAGE			Quantity		Unit Price		Supplier		Delivery Date		APDRTC No		Usage Rate		Maintenance Rate	
Installation Section -	Room	Item	Maker	Model	JICA Item No.	Supplier	Unit Price	Function	Batch	Sec-Gen	APDRTC No	Delivery Date	Usage Rate	Maintenance Rate						
Administration-Office	91	Photocopier Machine	MINOLTA	EP 5400	TC 8	MINOLTA	\$22,600.00	TCB	3/1	1		92/04/10	A	A						
Administration-Office	91	PC Complete with printer	DATAMIN	366 DX-33	TC 8	TE COMPUTER	\$18,145.00	TCB	3/1	1		92/03/13	A	A						
Administration-Office	91	Lesser Color Printer (Pirtt Jet)	HEWLETT	PAINT JET	TC 8	TE COMPUTER	\$7,667.00	TCB	3/1	1		92/03/25	A	A						
Administration-Parasitology	91	-80 C Freezer	HETOFRIG	CL 410	TC 8	IFANS-TECHNO	\$23,206.00	TCB	3/1	1		92/08/13	A	A						
Bacteriology-Laboratory	91	PCR Equipment	USA	SPECTR	TC 8	IFANS-TECHNO	\$14,750.00	TCB	3/1	1		92/03/21	B	A						
Bacteriology-Laboratory	91	Chromatography columns	USA	HOBERER	TC 8	FILTRARTE	\$1,920.00	TCB	3/1	1		92/08/03	B	A						
Bacteriology-Laboratory	91	DNA electrophoresis system	USA	HOBERER	TC 8	FILTRARTE	\$22,565.00	TCB	3/1	1		92/08/03	B	A						
Bacteriology-Laboratory	91	Belly Dancer Shaker	USA	BD-220	TC 8	FILTRARTE	\$2850.00	TCB	3/1	1		92/08/03	B	A						
Bacteriology-Laboratory	91	Immunofluorescer	MONOSTAT	31-650	TC 8	FILTRARTE	\$315.00	TCB	3/1	1		92/08/03	B	A						
Bacteriology-Laboratory	91	Vacuum Desiccator	USA	5311-250	TC 8	FILTRARTE	\$165.00	TCB	3/1	1		92/08/03	B	A						
JICA Team - Secretary	91	NEC Computer with printer	NEC	236++	TC 8	DATA TEND	\$7,823.00	TCB	3/1	1-1		92/08/03	B	A						
Parasitology-Laboratory	91	Vacuum Concentrator	HETO	HS-1-60	TC 8	TRANS-TECHNO	\$20,866.00	TCB	3/1	1-1		92/06/03	C	A						
Parasitology-Laboratory	91	Electrophoresis & boiling sets	BIO-RAD	491	TC 8	TRANS-TECHNO	\$24,175.00	TCB	3/1	1-1		92/06/03	A	A						
Parasitology-Laboratory	91	Gel Dryer	HETO	33x440M	TC 8	IFANS-TECHNO	\$4,022.00	TCB	3/1	1-1		92/11/20	AP 58/1	A						
Parasitology-Laboratory	91	Semi micro analytical balance	PRECISA	120 A	TC 8	INTERS-SCIENCE	\$5,690.00	TCB	3/1	1-1		92/09/18	AP 25/3	A						
Parasitology-Laboratory	91	Liquid nitrogen set	USA	MVE-3C	TC 8	QUICKLAB	\$5,595.00	TCB	3/1	1-1		92/09/02	- (HEAT)	B						
Parasitology-Laboratory	91	Incubator, Cretation & stirrings	HETO	FK 40-VS	TC 8	TRANS-TECHNO	\$3,618.00	TCB	3/1	1-1		92/08/13	AP 67/1	B						
Parasitology-Laboratory	91	Laboratory rack	AJ COPE	FEAX 2000	TC 8	BLUM JWA	\$1,133.00	TCB	3/1	1-1		92/09/24	MHP 34/5	A						
Pathology-Laboratory	91	Vortexmer	HEIDOLPH	280	TC 8	SINGER	\$1,866.00	TCB	3/1	1-1		92/07/01	MHP 39/3	A						
Pathology-Laboratory	91	Refrigerator, Normal 4 C	SINGER	301	TC 8	SINGER	\$74.00	TCB	3/1	1-1		92/07/01	MHP 64/1	A						
Pathology-Laboratory	91	Water baths for Nisto Sections	AJ COPE	MH-815XB	TC 8	SINGER	\$1,350.00	TCB	3/1	1-1		92/07/01	MHP 64/1	B						
Pathology-Laboratory	91	Hot Plate Stirrer	STUART	SM3	TC 8	BLUM JWA	\$662.00	TCB	3/1	1-1		92/06/17	MHP 32/2	A						
Pathology-Laboratory	91	Fume Hood	CHONG	CHONGS	TC 8	BLUM SAINS	\$5800.00	TCB	3/1	1-1		92/06/23	MHP 34/4	A						
Pathology-Laboratory	91	Wax bath beakers(SPARE)	SHANDON	ZL-220/240	TC 8	CHONGKLOK	\$4,510.00	TCB	3/1	1-1		92/12/31	MHP 8/2	A						
Pathology-Laboratory	91	Lab Bench LOCAL	REMO		TC 8	BLUM SAINS	\$1,560.00	TCB	3/1	1-1		92/11/21	MHP 35/2	D						
Pathology-Laboratory	91	Incubator	MEMMERT	EM 400	TC 8	REMO	\$2,300.00	TCB	3/1	1-1		92/07/28	MHP 53/5	A						
Pathology-Laboratory	91	Cupboard for EM Specimens	REMO	151	TC 8	BLUM JWA	\$1,800.00	TCB	3/1	1-1		92/09/24	MHP 36/3	A						
Pathology-Laboratory	91	Vacuum cleaner	SINGER		TC 8	SINGER	\$313.00	TCB	3/1	1-1		92/08/24	MHP 54/3	A						
Micrology-Laboratory	91	Laboratory storage shelf	REMO		TC 8	REMO	\$4,150.00	TCB	3/1	1-1		92/07/01	MHP 56/2	A						
Micrology-Laboratory	91	Face mask with accessories	USA		TC 8	QUICKLAB	\$1,212.00	TCB	3/1	1-1		92/07/28	AV23/19 AV23/20A	A						
Micrology-Laboratory	91	Nidge Filters holder & receiver	TOYO	NAL GENE	TC 8	FILTRARTE	\$7,616.00	TCB	3/1	1-1		92/06/18	-	A						
Micrology-Laboratory	91	Safety burner burner	USA	CA 2B2	TC 8	QUICKLAB	\$1,800.00	TCB	3/1	1-1		92/09/02	AV 39/2, 39/2	A						
Micrology-Laboratory	91	Hitschi refrigerator high speed centrifuge	USA		TC 8	MEDCOAB	\$42,598.00	TCB	3/1	1-1		92/08/27	AC 2/2	A						
Micrology-Laboratory	91	Carbon dioxide gas tank			TC 8	GLASCHEM LAB	\$662.00	TCB	3/1	1-1		92/04/03	-	A						



第9表 日本側のローカルコスト負担実績

(単位万円)

年度	一般現地業務費	現地研究費	その他	合計
1986	262.5	142.5	0.0	405.0
1987	420.0	228.0	0.0	648.0
1988	360.0	192.0	52.3 (技術交換)	604.3
1989	340.0	180.0	25.5 (技術普及)	545.5
1990	339.3	178.5	50.0 (技術普及)	567.8
1991	244.2	157.7	0.0	401.9
1992	204.9	139.0	280.6 (技交193.7、義普66.3、セミナー20.6)	624.5
合計	2,170.9	1,217.7	408.4	3,797.0

第10表 マレーシア側の運営費の負担実績

(単位 マレーシアドル)

費 目	1991年	1992年
旅費、交通費	11,974.64	12,000.00
輸送費	4,913.63	541.06
電気、電話、水道等料金	300,817.60	332,106.24
賃貸料	0.00	186.00
消耗品購入、修理、管理費	58,539.94	55,866.21
資機材購入費	102,900.80	80,369.25
設備費	1,381.63	0.00
会議費その他	7,381.63	1,476.30
合 計	487,909.27	482,545.06

第11表 第三国研修の実績

(1) アセアンセミナー

回数	日 程	ブルネイ	インドネシア	マレーシア	フィリピン	シンガポール	タイ	計	論文発表数
1回	1988. 3/ 8 - 18	1	3	14	3	1	3	25	9
2回	1989. 2/19 - 18	1	1	14	1	1	3	19	13
3回	1990. 3/11 - 17	0	2	10	3	1	5	21	10
4回	1991. 3/10 - 15	0	2	9	3	0	2	16	2
5回	1992. 3/ 4 - 13	0	2	6	0	0	1	9	3
6回	1993. 1/17 - 21	0	4	8	3	1	2	18	2
出席者合計		2	14	61	13	4	14	108	(39)

回数	テ ー マ	講師名
1回	家禽病セミナー「家禽病とその防疫」	川上齊
2回	家禽病セミナー「ウイルス病・診断と防疫」	三上たけし
3回	家禽病セミナー「細菌・寄生虫病」	内田邦夫・森井勤
4回	家禽病セミナー「ワクチンとワクチン接種」	吉田勲
5回	家禽病セミナー「細菌性呼吸器病」	佐藤静夫
6回	家禽病セミナー「伝染性ファブリキウス嚢炎」	大滝与三郎・塚本健司

(2) アセアンコース

回数	日 程	ブルネイ	インドネシア	マレーシア	フィリピン	シンガポール	タイ	合計
1回	1988.10/ 2 - 12/11	0	1	2	1	0	2	6
2回	1990. 2/11 - 3/ 6	0	1	1	0	1	2	5
3回	1991. 1/ 6 - 3/ 2	0	1	1	0	0	1	3
4回	1992.12/28 - 1/22('93)	0	2	2	1	0	1	6
出席者合計		0	5	6	2	1	6	20

## 別 添 資 料



# 合同評価報告書



SUMMARY REPORT  
OF  
THE JOINT EVALUATION  
ON  
THE ASEAN POULTRY DISEASE RESEARCH  
AND TRAINING PROJECT

With about two months left until the completion of the two-year extended cooperation period from April 17th 1991 to April 16th 1993 as stated in the Record of Discussions signed on April 12th 1991, the Japanese Evaluation Team organized by Japan International Cooperation Agency (referred to as "JICA" hereinafter) and headed by Dr. Noboru Yuasa visited Malaysia from February 3rd to 17th 1993 and conducted an overall review and evaluation of the performances of the ASEAN Poultry Disease Research and Training Project (hereinafter referred to as "the Project") jointly with the Malaysian Evaluation Team headed by Dr. Abd. Rahman bin Md. Saleh of the Department of Veterinary Services, Ministry of Agriculture, Malaysia.

The two teams formed the Joint Evaluation Team (hereinafter referred to as "the Team") conducted interviews with the Japanese experts and their Malaysian counterparts assigned to the Project, had a series of discussions with Malaysian authorities concerned, and conducted surveys of relevant facilities.

Arising from the above, the Team hereby jointly agreed to forward to their respective Governments a summary report of the evaluation and recommendations which is referred to in the documents attached herewith.

Ipoh, February 11th 1993

湯浅 襄

.....  
*Dr. Noboru Yuasa*  
Leader  
Japanese Evaluation Team  
Japan International Cooperation  
Agency,  
Tokyo, Japan



.....  
*Dr. Abd. Rahman bin Md. Saleh*  
Leader  
Malaysian Evaluation Team  
Department of Veterinary Services  
Ministry of Agriculture  
Malaysia

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- Annex 5 : The Record of Discussions on Extension of the Period of Japanese Technical Cooperation for the ASEAN Poultry Disease Research and Training Project in Malaysia (signed on April 12th 1991)
- Annex 6 : Tentative Implementation Programme on Technical Cooperation for the ASEAN Poultry Disease Research and Training Project (signed on July 18th 1991)
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## ABBREVIATION

ABC	:	Avidin Biotin Complex
APDRTC	:	ASEAN Poultry Disease Research and Training Centre
CBDTPD	:	Course on Basic Diagnostic Technique of Poultry Disease
CSDRTPD	:	Course on Specialized Diagnostic and Research Technique on Poultry Disease
DHV	:	Duck Hepatitis Virus
DIT	:	Dot-Immunoblotting Technique
DVH	:	Duck Virus Hepatitis
DVS	:	Department of Veterinary Services
ECH	:	Experimental Chicken House
ELISA	:	Enzyme-Linked Immunosorbent Assay
HI	:	Haemagglutination Inhibition
IB	:	Infectious Bronchitis
IBD	:	Infectious Bursal Disease
ILT	:	Infectious Laryngotracheitis
JICA	:	Japan International Cooperation Agency
MAFF	:	Ministry of Agriculture, Forestry and Fisheries
MOA	:	Ministry of Agriculture
NIAH	:	National Institute of Animal Health
PCR	:	Polymerase Chain Reaction
R/D	:	Record of Discussions
SDS-PAGE	:	Sodium Dodecylsulfate Polyacrylamide Gel Electrophoresis
SPD	:	Seminar on Poultry Diseases
SPF	:	Specific-Pathogen-Free
TIP	:	Tentative Implementation Programme
TCTP	:	Third Country Training Programme
VRI	:	Veterinary Research Institute

**SUMMARY REPORT OF THE JOINT-EVALUATION  
ON  
THE ASEAN POULTRY DISEASE RESEARCH  
AND TRAINING PROJECT**

**1. Objectives and Method of Evaluation**

**1.1 Objectives of Evaluation**

- (1) To evaluate the accomplishment of the project for the two-year extension period from April 17th 1991 to April 16th 1993 in accordance with the R/D and the TIP for the Project.
- (2) To make recommendations and suggestions on the post-project activities to the relevant authorities of the two governments.

**1.2 Method of Evaluation**

Evaluation was conducted by the Team through interviews and discussions with personnel involved in the Project and visits to relevant facilities. Evaluation of research activities was done based on the TIP for extension.

The following items were considered for evaluation :

**A. Input to the Project**

- (a) Japanese Contributions

- (i) Dispatch of Japanese Experts
- (ii) Training of Malaysian Personnel in Japan
- (iii) Provision of Equipment
- (iv) Local Running Cost and Others

(b) Malaysian Contributions

- (i) Staff Allocation
- (ii) Land, Building and Facilities
- (iii) Operating Cost

B. Research Activities of the Project

- (a) Virology Section
- (b) Bacteriology Section
- (c) Parasitology Section
- (d) Pathology Section
- (e) Epidemiology Section
- (f) SPF Chicken Unit
- (g) Experimental Chicken House

C. Impact of the Project

D. Administration of the Project

1.3 Evaluation Schedule

The Joint Evaluation Schedule appears as Annex 1.

## 2. Members of the Joint Evaluation Team

### 2.1 Chairman

Dr. Noboru Yuasa

### Co-Chairman

Dr. Abd. Rahman bin Md. Saleh

### 2.2 Malaysian Members

Dr. Abd. Rahman bin Md. Saleh

Deputy Director General II  
Department of Veterinary Services  
Ministry of Agriculture  
Malaysia

Dr. Hj. Mohd. Yusoff bin Mohd. Noor

International Desk  
DVS, Ministry of Agriculture  
Malaysia

Dr. Mohamad Azmie bin Zakaria

Planning and Evaluation  
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DVS, Ministry of Agriculture  
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Dr. N. Krishnan

Director  
Regional Veterinary  
Laboratory  
Bukit Tengah  
Pulau Pinang

Dr. J.M. Zamirdin

Director  
Poultry Development  
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### 2.3 Japanese Members

Dr. Noboru Yuasa	Chief Laboratory of Microbiological Diagnosis Systematic Diagnosis Research Division NIAH, MAFF, Japan
Dr. Toshiaki Taniguchi	Chief Second Laboratory of Pathology Third Research Division NIAH, MAFF, Japan
Dr. Kameo Shimura	Chief Third Section Poultry Disease Research Laboratory NIAH, MAFF, Japan
Mr. Kiyotaka Kawakami	Senior Technical Official International Cooperation Division MAFF, Japan
Mr. Nobuo Kato	Deputy Director Livestock Technical Cooperation Division Agricultural Development Cooperation Department JICA, Japan

### 2.4 Secretariat

Dr. Hj. Mohd. Yusoff bin Mohd. Noor  
Dr. Mohamad Azmie bin Zakaria  
Mr. Nobuo Kato  
Dr. Toshiaki Taniguchi