

EQUIPMENT LIST
FOR
TECHNICAL COOPERATION PROJECT
ON ANIMAL HEALTH IMPROVEMENT PROGRAMME
IN THAILAND

MARCH 1979

JAPAN INTERNATIONAL COOPERATION AGENCY

2. Technical Cooperation Project on Animal Health Improvement Programme
in Thailand (R/D March 2, '1977 --- March 1, 1980)

- * Foot-and-Mouth Disease Vaccine Production Center, Pak Chong (FMD)
- * Diagnostic Laboratory Center, Tung Song (DLC)
- * Livestock Development Department, Bangkok (DLD)

Consignee : Department of Technical and Economic Cooperation,
Krung Kasem Road, Bangkok, Thailand (for Department of
Livestock Development)

Case Mark : FMD or DLC or DLD



DTEG/BANGKOK (or PAK CHONG or TUNG SONG)
C/NO.
Made in Japan

Side Mark : TECHNICAL COOPERATION BY THE GOVERNMENT OF JAPAN

DONATION LIST

The Government of Japan has the pleasure to donate the items listed below, worth 110,751,817 yen (US \$), to the Government

of THAILAND to be utilized for TECHNICAL COOPERATION

PROJECT ON ANIMAL HEALTH IMPROVEMENT PROGRAMME

1. AUTOMATIC BLOOD CELL COUNTER
2. LOW TEMPERATURE PRESERVATION CONTAINER
3. UNIVERSAL RESEARCH MICROSCOPE
4. CARBON DIOXIDE INCUBATOR
5. COLD TOME
6. VACUUM ROTARY
7. PARAFFIN DISPENSER
8. VEHICLES (INCLUDING REFRIGERATOR CAR)
9. BEEF SERUM BACTO
10. MEDIUMS FOR TISSUE CULTURE

Technical Cooperation Project on Animal Health Improvement
Programme in Thailand (1) (Fiscal Year 1977)

SHIPMENT NUMBER	CONVEYANCE		EMBARKED DATE	DISEMBARKED DATE	C.I.F. VALUE		B/L NO.	TOTAL ITEM	MAIN EQUIPMENT AND MATERIALS	REMARKS (ATTACHED INVOICE)	PAGE
	BY SEA	BY AIR			YEN	US\$					
A. Diagnostic Laboratory Center, Tung Song											
1	Sea	Manoloe -verett	24 Dec., '77	2 Jan., '78	8,662,610 FOB1,225,250 for DLD FOB2,450,500 for FMD		Y3-B	3	Small Truck (1) Jeep (1) Station Wagon(4)2 for FMD 1 for DLD	Attached Invoice 1	5
2	Sea	Hulda Maersk	23 Feb., '78	16 Mar., '78	21,784,160 (FOB 1,184,750 yen for DLD)		No. 20	159	Typewriter, Laboratory Equipment Books	2	6~32
3	Air	JL 465	3 Mar., '78	-do-	2,177,239		131-5337 -9981	58	Antigen, Culture Medium	3	33~35
4	Sea	Orient Topwood	6 Mar., '78	26 Mar., '78	941,793		YHBK0071	79	Reagent Chemicals	4	36~38
5	Sea	Hermion	17 Mar., '78	29 Mar., '78	1,284,015		NB-27 NB-32	1	Microbus (1)	5	39
6	Sea	Estelle Maersk	28 Mar., '78	12 Apr., '78	20,950,891		No. 8	33	Motorcycle (3) Centrifuge	6	40~45
7	Air	JL 465	30 Mar., '78	-do-	1,603,903		131-5352 -1156	25	Water Bath (4) Chemicals	7	46~47
				Sub Total (A)	57,404,611 Including FOB 2,410,000 yen for DLD FOB 2,450,500 yen for FMD			358			

Note;

DLD; Department of Livestock Development, Bangkok

FMD; Foot-and-Mouth Disease Vaccine Production Center, Pak Chong

Technical Cooperation Project on Animal Health Improvement
Programme in Thailand (2) (Fiscal Year 1977)

SHIPMENT NUMBER	CONVEYANCE		EMBARKED DATE	DISEMBARKED DATE	C.I.F. VALUE		B/L NO.	TOTAL ITEM	MAIN EQUIPMENT AND MATERIALS	REMARKS (ATTACHED INVOICE)	PAGE
	BY SEA	BY AIR			YEN	US\$					
B. FMD Vaccine Production Center, Pak Chong											
1	Sea	Hulda Maersk	23 Feb., '78	16 Mar., '78	26,562,956		No. 21	107	Incubator, Drum roller TC bottle, Culture Dish	8	48-60
2	Air	JL 465	16 Mar., '78	-do-	5,991,564		131-5358 -1775	1	Beef Serum (200 liters)	9	61
3	Sea	Estelle Maersk	26 Mar., '78	12 Apr., '78	12,676,031		No. 19	28	Autoclave, Centrifuge Microtome, Tissue Culture Bottle	10	62-65
4	Sea	Estelle Maersk	28 Mar., '78	12 Apr., '78	3,238,355		No. 20	1	Refrigerator Car	11	66
5	Air	JL 465	30 Mar., '78	-do-	3,815,708		131-5352 -1160	45	L-Arginine etc. Agar	12	67-68
6	Sea	Lavinia	31 Mar., '78	7 Apr., '78	1,062,592		YHBK-0014	55	Reagent Chemicals	13	69-71
				Sub Total (B)	53,347,206						
				Grand Total	110,751,817						
					52,544,111	for DLC					
					55,797,706	for FMD					
					2,410,000	for DLD					

DLD
DLC 1 - 1
FMD

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : Department of Technical & Economic

No : _____

Cooperation, Krung Kasem Road, Bangkok,

Date : Dec. 22, 1977

Thailand. for Department of Livestock

Shipped per "MANOLOEVERETT"

Shipping Mark :

from Yokohama, Japan

to Bangkok, Thailand

via direct

on Dec. 21, 1977



SIDE MARK

TECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

DTEC/BANGKOK

- DO -

- DO -

C/No. AA-1

DTEC/PAK CHONG DTEC/TUNG SONG


VIA BANGKOK C/NO.AB-1/3

MADE IN JAPAN

C/NO.AC-1/2

MADE IN JAPAN

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
AB-1	Mitsubishi Canter Truk Model T206CH	1 unit	¥1,195,000	¥1,195,000
AB-2	Mitsubishi Jeep Model H-J38	1 unit	2,004,000	2,004,000
AB-3	Mitsubishi Galant Van Model H-A121VJ	4 units	1,225,250	4,901,000
AA-1				
AC-1/2	FOB JAPAN -----	6 units		¥8,100,000
		=====		
	OCEAN FREIGHT -----			519,078
	MARINE INSURANCE -----			43,532
	TOTAL: CIF BANGKOK, THAILAND -----			¥8,662,610
				=====
	Country of Origin: Japan			
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 P.P. SHINSAKU HOGEN PRESIDENT			

E. & O. E.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to: Department of Technical and
Economic Cooperation
Krung Kasem Road, Bangkok
Thailand
(for Department of Livestock Department)

No: _____

Date: Feb. 23, 1978

Shipped per HULDA MAERSK

Shipping Mark :

from Yokohamato Bangkok

via _____

on _____

DLD



DTEC/BANGKOK

C/No. AB-1-2

MADE IN JAPAN

SIDE MARKTECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

Export Licence No _____


Nos.	Description of Goods	Quantity	Unit Price	Amount
1.	6 Typewriter Olivetti Studio 46	1 set		¥46,500.-
2.	7 Portable Electric Calculator Casio J-3 with AC adaptor (220V)	1 "		7,050.-
3.	8 Copy machine PI-730 with transformer (220V) Table for above Paper A4 B4	1 " 1 pce. 20 box 20 "	¥5,700.- 6,555.-	400,500.- 23,750.- 114,000.- 131,100.-
4.	9 Printing machine, HI-PRINTER E-80 with transformer (220V)	1 set		205,750.-
5.	9-2 Typesetting machine, HI-FAX F-500 auto	1 "		256,100.-
Sub Total: FOR Yokohama				¥1,184,750.-

E.&O.E.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(2)

Nos.	Description of Goods	Quantity	Unit Price	Amount
	<p style="text-align: center;">-DLI</p> <div style="text-align: center;">  <p>JICA</p> </div> <p style="text-align: center;">DTEC/TUNG SONG VIA BANGKOK C/NO. AT-1-27 MADE IN JAPAN</p>			
	<u>SIDE MARK</u>			
	TECHNICAL COLLABORATION AID THE GOVERNMENT OF JAPAN			
1.	6 Typewriter Olivetti Studio 46	2 sets	¥46,500.-	¥93,000.-
2.	7 Portable electric calculator Casio J-3 with AC adaptor (220V)	1 "		7,050.-
3.	8 Copy machine PT-730 with Transformer (220V) Table for above Paper A4 B4	1 " 1 pce. 20 box 20 "	5,700.- 6,555.-	400,500.- 23,750.- 114,000.- 131,100.-
4.	9 Printing machine HI-PRINTER E-80 with transformer (220V)	1 set		205,750.-
5.	9-2 Typesetting machine HI-FAX F-500 auto	1 "		256,100.-
6.	10 Slide Projector ELMO AS-3000A, 220V Accessories 1) Tray II 2) Projection lens F4.5 f=230 mm 3) Conversion lens 4) Slide talkie S-3 5) Auto carrier full size, half size	1 " 5 pcs. 1 " 1 " 1 set 2 pcs.	800.- 7,220.-	128,250.- 4,000.- 19,000.- 11,095.- 8,550.- 14,440.-
7.	11 Screen SB-7 Spring roller system 300 x 240 cm	1 set		114,000.-
8.	13 Slide film 1) General (illness of pig & fowl) 2) Mastitis of cattle 3) IBR	12 " 1 " 1 "	1,700.-	20,400.- 3,500.- 4,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(3)

Nos.	Description of Goods	Quantity	Unit Price	Amount
9.	40 Air conditioning apparatus HITACHI RA 2185C, 220V	10 sets	¥167,300.-	¥1,673,000.-
10.	45 Electric refrigerator HITACHI R-251H 224 L 220V, 50 Hz.	4 "	94,100.-	376,400.-
11.	48-3 Camera apparatus NIKON AFMF 35mm	1 "		187,470.-
12.	52 Large universal sledge Microtome LS-113 Accessories	1 "		225,000.-
	1) Microtome knife 24 cm	5 pcs.	22,500.-	112,500.-
	2) Microtome knife handle	5 "	1,900.-	9,500.-
	3) Polishing paste	20 "	1,300.-	26,000.-
13.	58-1 Leather strap	3 "	21,300.-	63,900.-
14.	58-2 Polishing paste for leather strap	4 "	1,200.-	4,800.-
15.	64-1 Microslide tray No. 2834	50 sets	500.-	25,000.-
16.	64-2 - ditto - No. 2835	50 "	300.-	15,000.-
17.	65 Specimen box of Microslide No. 2836 Capacity: 100 slide film	100 pcs.	600.-	60,000.-
18.	66 - ditto - No. 2837 Capacity: 1800 slide film	3 "	21,100.-	63,300.-
19.	67-1 Staining jar No. 2863	20 "	540.-	10,800.-
20.	67-2 Staining jar No. 2865	20 "	400.-	8,000.-
21.	68-1 Staining jar No. 2866	5 "	600.-	3,000.-
22.	68-2 Slide glass rack for staining jar No. 2867	5 "	600.-	3,000.-
23.	70 Dropping bottle, square each 10 pcs. 30 ml, 60 ml	20 "	380.-	7,600.-
24.	71 Distilling apparatus No. 5001-CO, 10 liter/H	1 set		198,000.-
25.	72 Distilling apparatus, glass No. 1090 2 liter/H with 2 pcs. of flask	3 "	45,000.-	135,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(4)

Nos.	Description of Goods	Quantity	Unit Price	Amount
26.	74 Laboratory cart LC-70	5 sets	¥24,300.-	¥121,500.-
27.	75 PH meter No. 3001 220V, 50 Hz.	1 "		68,000.-
28.	76 Universal homogenizer Capacity: 5-100 cc 100W 220V transformer Accessories			
	1) Stainless cup AM-1 30cc	20 pcs.	3,500.-	70,000.-
	2) " AM-3 100cc	20 "	4,200.-	84,000.-
	3) Cutter with cup AM-1	10 "	16,450.-	164,500.-
	4) " AM-3	10 "	16,450.-	164,500.-
29.	77-1 Magnetic steier M-41 220V, Transformer Capacity: 0.1-3 liter Water bath B 700W	2 sets	59,800.-	119,600.-
30.	77-2 Stirring bar, teflon No. 7578			
	1A 6 (O.D.) x 15 mm(L)	10 pcs.	440.-	4,400.-
	2A 9 " x 28 "	10 "	580.-	5,800.-
	3A 11 " x 36 "	10 "	680.-	6,800.-
	4A 13 " x 43 "	10 "	890.-	8,900.-
31.	80 Sterilizing can for pipet			
	GB-48 7 x 8 x 48	10 "	4,470.-	44,700.-
	GB-40 7 x 8 x 40	10 "	4,270.-	42,700.-
	GB-08 24 x 24 x 20	10 "	21,200.-	212,000.-
	GB-02 20 x 10 x 10	10 "	4,800.-	48,000.-
32.	81 Ice box FM 128 28 x 20 x 24	10 "	5,500.-	55,000.-
33.	83 Sterilizing sprayer			
	FL-113	2 "	11,000.-	22,000.-
	Handy type FL-115	5 "	11,500.-	34,500.-
34.	84 Mist fan	2 "	48,000.-	96,000.-
35.	85 Washing machine HITACHI RF3260E 220V	2 "	61,600.-	123,200.-
36.	86 Test tube rack			
	1) 13mm tube	50 "	2,250.-	112,500.-
	2) 16mm "	50 "	2,360.-	118,000.-
	3) 15mm " 4 x 12	20 "	6,600.-	132,000.-

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P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(5)

Nos.	Description of Goods	Quantity	Unit Price	Amount
37.	87 Polyethylene bottle			
	1) 100 ml	100 pcs.	¥32.-	¥3,200.-
	2) 250 ml	50 "	40.-	2,000.-
	3) 500 ml	50 "	80.-	4,000.-
	4) 1,000 ml	20 "	110.-	2,200.-
	5) 2,000 ml	10 "	290.-	2,900.-
	Polyethylene washer bottle 100 ml	10 "	100.-	1,000.-
	Polyethylene bottle 20 l	5 "	2,700.-	13,500.-
38.	88 Electric cleaner HITACHI RH 7500, 220V,	2 sets	20,900.-	41,800.-
39.	89 Microscope Camera with case NIKON FII, 35 mm 50mm F1.4	1 "		111,625.-
40.	90 Balance 200g	5 "	13,800.-	69,000.-
41.	91 Direct reading balance C3-200, 200g	1 "		297,000.-
42.	93-1 Dissection instruments FC-601	2 "	60,500.-	121,000.-
43.	93-2 - ditto -, FC-604	2 "	85,200.-	170,400.-
44.	93-3 - ditto -, FC-720	2 "	11,450.-	22,900.-
45.	94 Microtiter system Dilution apparatus U type " V type	1 "		310,500.-
46.	95 Automatic blood cell counter Model: CC-108, 220V, 50 Hz Auto dilutor AD-220 Disposable beaker DD-1 (3,000 pcs.) Cellkit-7, 20 l Saponin-S 6 ml x 50	1 " 1 " 1 box 5 " 5 "		1,200,000.- 216,000.- 26,000.- 24,000.- 31,200.-
47.	96 Hand counter	10 pcs.	640.-	6,400.-
48.	97 Steam sterilizer FL-33-D3 with gas burner	1 set		38,010.-
49.	98 Anthrax Diagnosis set FMI 04	1 "		28,120.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(6)

Nos.	Description of Goods	Quantity	Unit Price	Amount-
50.	99 Rapid agglutination testing set FM435, 220V trans.	3 sets	¥58,400.-	¥175,200.-
51.	101 Thermometer FM25 with clip	300 pcs.	325.-	97,500.-
52.	102 Blood cell separator	2 sets	55,000.-	110,000.-
53.	104 Overhead Projector EIMO HP-252, 220V, Projection lens f=330 mm	1 "		74,100.-
54.	106 Bacteriological filtering apparatus No. 1311	1 "		75,000.-
55.	106-2 Air Compressor 0.2 KW	1 "		87,000.-
56.	109 Animal holder No. 2675	3 pcs.	9,200.-	27,600.-
57.	110 Rabbit cage No. 2700	10 "	16,000.-	160,000.-
58.	111 Mouse cage No. 2725	20 "	10,000.-	200,000.-
59.	112 Sahli's haemometer FM 370	2 sets	9,600.-	19,200.-
	Pipet for Sahli's haemometer FM 371	20 pcs.	360.-	7,200.-
60.	113 Cow tester S type	2 sets	125,000.-	250,000.-
61.	114 Cow sucker	2 "	37,000.-	74,000.-
62.	115 Malnutrition diagnosis set FM 120-4 D set	1 "		135,750.-
63.	116 Measuring pipet 0.2 ml	20 pcs.	620.-	12,400.-
	0.5 ml	500 "	420.-	210,000.-
	1 ml	500 "	230.-	115,000.-
	2 ml	200 "	285.-	57,000.-
	5 ml	200 "	350.-	70,000.-
	10 ml	200 "	430.-	86,000.-
	20 ml	100 "	880.-	88,000.-
64.	117 Injector			
	2ml	120 "	190.-	22,800.-
	5ml	120 "	240.-	28,800.-
	10ml	240 "	330.-	79,200.-
	20ml	240 "	405.-	97,200.-
	50ml	120 "	995.-	119,400.-
	100ml	120 "	980.-	237,600.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(7)

Nos.	Description of Goods	Quantity	Unit Price	Amount
65.	117-2 Needle for injector			
	2ml	240 pcs.	¥48.-	¥11,520.-
	5ml	240 "	52.-	12,400.-
	10ml	480 "	67.-	32,160.-
	20ml	480 "	70.-	33,600.-
	50ml	240 "	135.-	32,400.-
	100ml	240 "	180.-	43,200.-
66.	118 Cylinder, glass made			
	20ml	20 "	550.-	11,000.-
	50ml	20 "	770.-	15,400.-
	100ml	20 "	880.-	17,600.-
	200ml	20 "	1,160.-	23,200.-
	500ml	10 "	2,300.-	23,000.-
	1,000ml	10 "	3,700.-	37,000.-
67.	118-2 Cylinder, polyethylene made			
	20ml	10 "	80.-	800.-
	50ml	10 "	96.-	960.-
	100ml	10 "	120.-	1,200.-
	200ml	10 "	145.-	1,450.-
	500ml	5 "	305.-	1,525.-
	1,000ml	5 "	370.-	1,850.-
68.	119 Triangle flask			
	50ml	100 "	200.-	20,000.-
	100ml	100 "	200.-	20,000.-
	200ml	100 "	220.-	22,000.-
	300ml	100 "	260.-	26,000.-
	500ml	50 "	380.-	19,000.-
	1,000ml	50 "	720.-	36,000.-
69.	120 Measuring flask			
	500ml	20 "	1,600.-	32,000.-
	1,000ml	20 "	2,000.-	40,000.-
70.	121 Beaker, glass made			
	50ml	50 "	135.-	6,750.-
	100ml	50 "	135.-	6,750.-
	200ml	50 "	150.-	7,500.-
	500ml	50 "	270.-	13,500.-
	1,000ml	10 "	500.-	5,000.-
71.	121-2 Beaker, polyethylene made			
	50ml	50 "	24.-	1,200.-
	100ml	50 "	32.-	1,600.-
	200ml	50 "	40.-	2,000.-
	500ml	50 "	75.-	3,750.-
	1,000ml	10 "	220.-	2,200.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(8)

Nos.	Description of Goods	Quantity	Unit Price	Amount
72.	122 Petri culture dishes			
	45mm ϕ	200 pcs.	¥350.-	¥70,000.-
	90mm ϕ	1,000 "	420.-	420,000.-
	300mm ϕ	100 "	9,800.-	980,000.-
73.	123 Wide mouth reagent bottle			
	Glass made 250 ml	500 "	330.-	165,000.-
	500 ml	200 "	460.-	92,000.-
	1,000 ml	100 "	720.-	72,000.-
74.	123-2 Wide mouth reagent bottle			
	Polyethylene 250 ml	100 "	48.-	4,800.-
	500 ml	100 "	85.-	8,500.-
75.	123-3 Narrow mouth reagent bottle			
	Polyethylene 250ml	500 "	40.-	20,000.-
	500ml	200 "	80.-	16,000.-
	1,000ml	100 "	110.-	11,000.-
76.	124 Test tube			
	NEG 13mm x 100mm	2,000 "	27.-	54,000.-
	Test tube for culture	2,000 "	27.-	54,000.-
	Test tube for tissue culture	1,000 "	57.-	57,000.-
	NEG 16mm x 180 mm	2,000 "	33.-	66,000.-
	16mm x 165 mm	1,000 "	170.-	170,000.-
	screw mouth			
77.	124-2 Rubber stopper for Test tube			
	silicon 13mm	5,000 "	52.-	260,000.-
	Molton 13mm	500 "	130.-	65,000.-
	" 18mm	500 "	150.-	75,000.-
78.	125 Tissue culture bottle			
	50ml 32 x 44 x 110 mm	100 "	330.-	33,000.-
	200ml 55 x 55 x 150 mm	100 "	850.-	85,000.-
	500ml 80 x 60 x 202 mm	100 "	770.-	77,000.-
79.	125-2 Silicon stopper for tissue culture bottle			
	50ml	200 "	64.-	12,800.-
	200ml	200 "	90.-	18,000.-
	500ml	200 "	160.-	32,000.-
80.	126 Blood corpuscles pipet, red No. 2035	100 "	560.-	56,000.-
81.	126-2 - ditto - white No. 2035	100 "	560.-	56,000.-
82.	127 Blood corpuscles counting chamber	10 "	6,200.-	62,000.-
	Cover glass for above	30 "	110.-	3,300.-

JAPAN INTERNATIONAL COOPERATION AGENCY

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(9)

Nos.	Description of Goods	Quantity	Unit Price	Amount
83.	128 Eyepiece & projection micro meter	4 pcs.	¥2,450.-	¥9,800.-
84.	129 Pat FL95-1			
	15 x 13 x 3 cm	10 "	360.-	3,600.-
	20 x 15 x 3 cm	10 "	360.-	3,600.-
	28.5 x 22.5 x 4 cm	10 "	570.-	5,700.-
	32 x 25 x 4.5 cm	10 "	730.-	7,300.-
	42 x 38.5 x 5 cm	10 "	1,460.-	14,600.-
	50 x 41 x 5 cm	10 "	2,235.-	22,350.-
	66 x 51 x 6 cm	10 "	4,665.-	46,650.-
85.	130 Injector for tuberculin	50 "	290.-	14,500.-
86.	131 Needle for injector of tuberculin			
	1/4	10 doz.	230.-	2,300.-
	1/2	10 "	230.-	2,300.-
	1/1	10 "	230.-	2,300.-
	Muscles use	10 "	230.-	2,300.-
87.	132 Porcelain mortars with pestle			
	No. 4502 90mmφ	10 "	190.-	1,900.-
	120 "	10 "	360.-	3,600.-
	150 "	10 "	530.-	5,300.-
	180 "	10 "	1,650.-	16,500.-
	210 "	10 "	2,650.-	26,500.-
88.	133 Funnel			
	No. 889 60mmφ	20 "	160.-	3,200.-
	90 "	20 "	210.-	4,200.-
	120 "	20 "	480.-	9,600.-
	150 "	20 "	560.-	11,200.-
	240 "	20 "	3,000.-	30,000.-
	300 "	10 "	4,900.-	49,000.-
89.	3 Continuous injector			
	0.2 - 1 ml JS-1	5 "	14,500.-	72,500.-
	0.5 - 2 ml JS-2	5 "	14,500.-	72,500.-
	1 - 5 ml JS-5	5 "	15,400.-	77,000.-
	2 - 10 ml JS-10	5 "	17,300.-	86,500.-
90.	4 Holder for continuous injector			
	J-FA	2 "	5,800.-	11,600.-
	J-FB	2 "	5,800.-	11,600.-
91.	5 Wire net basket, Stainless			
	45 x 24 x 20 Square type	10 "	4,200.-	42,000.-
	24 x 24 x 20 "	10 "	2,700.-	27,000.-
	35φ x 28 cm round type	20 "	4,200.-	84,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(10)

Nos.	Description of Goods	Quantity	Unit Price	Amount
92.	6 Funel support No. 7045 with 3 pcs. of iron ring Bunsen support No. 7049	5 pcs.	¥2,000.-	¥10,000.-
		2 "	6,400.-	12,800.-
93.	7 Tripod ø9mm No. 7051-A ø12mm No. 7051-B ø15mm No. 7051-C Tripod for alchollamp No. 7052 Asbest	2 "	300.-	600.-
		2 "	300.-	600.-
		2 "	420.-	840.-
		5 "	300.-	1,500.-
		20 shts	48.-	960.-
94.	8 Slide glass forcops, Cornet No. 2841 No. 2842	20 pcs.	200.-	4,000.-
		20 "	350.-	7,000.-
95.	9 Spatulas No. 2846	5 "	85.-	425.-
96.	10 Platinum wire holder	20 "	190.-	3,800.-
97.	11 Platinum wire 0.3 mm	2 m	14,500.-	29,000.-
98.	12 Nichrome wire 25W	100 m	70.-	7,000.-
99.	13 Scissors for surgery - ditto - for ophthalmology	20 pcs.	2,300.-	46,000.-
		20 "	2,300.-	46,000.-
100.	14 Pin-cette without hook 15 cm FC-82 - ditto - with hook 15 cm FC-83 - ditto - without hook 30 cm FC-86 - ditto - for ophthalmology FC-91	20 "	795.-	15,900.-
		20 "	975.-	19,500.-
		10 "	3,870.-	38,700.-
		20 "	1,170.-	23,400.-
101.	15 Drain board supports No. 7081-C	2 "	21,000.-	42,000.-
102.	17 Stop watch SEIKO 30 min. Watch " 60 "	3 "	4,500.-	13,500.-
		2 "	6,500.-	13,000.-
103.	21 Diamond pencil No. 7258	5 "	2,400.-	12,000.-
104.	22 Cork borer No. 7261B	1 "		1,600.-
105.	24 Chrome sulphuric acid tank PBR-6 FBS-10	2 "	11,000.-	22,000.-
		1 "		20,000.-
106.	25 Wash basin, enameled	10 "	635.-	6,350.-
107.	26 Wash basin stand	5 "	5,400.-	27,000.-
108.	27 Polyethylene basket with cap 10 1	5 "	550.-	2,750.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(11)

Nos.	Description of Goods	Quantity	Unit Price	Amount
108.	27 Polyethylene basket with cap 18 1 50 1	5 pcs. 5 "	¥1,300.- 3,500.-	¥6,500.- 17,500.-
109.	28 Stethoscope FM-5	5 "	2,430.-	12,150.-
110.	29 Slide Caliper for T.B. Deagnosis FM-90	10 "	4,140.-	41,400.-
111.	30 Sterilizing tank 27 cm	2 "	3,600.-	7,200.-
112.	31 Pipet washer No. 2156 16.5 x 61 cm	2 "	12,750.-	25,500.-
113.	33 Egg-rack VK-20	5 "	4,300.-	21,500.-
114.	34 Operation table for chicken FC-663	2 "	22,200.-	44,400.-
115.	35 Nails stainless WN-3	50 "	760.-	38,000.-
116.	36 Egg-candler FN605	1 "		6,120.-
117.	37 Histological specimen Instruments set No. 2848	1 set		14,500.-
118.	1 Slide glass S2317 0.7-0.9 mm thickness	2 pcs.	33,700.-	67,400.-
119.	2 - ditto - S1214	10 "	5,750.-	57,500.-
120.	3 Glass tubes No. 8561 7mm (O.D.) x 1.5 m	50 "	85.-	4,250.-
121.	4 Glass rod No. 8568 5mm (O.D.) x 1,220 mm	50 "	140.-	7,000.-
122.	5 Desiccator, glass 30 cm No. 8877	2 "	59,500.-	119,000.-
123.	6 Filtering flask 1,000 ml	5 "	1,200.-	6,000.-
124.	7 Aspirator with valve	5 "	1,060.-	5,300.-
125.	8 Alcohol lamp 105 ml	10 "	390.-	3,900.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(12)

Nos.	Description of Goods	Quantity	Unit Price	Amount
126.	9 Centrifuge tube 35mm x 100 mm 50 ml No. 1028-501	20 pcs.	¥850.-	¥17,000.-
	- ditto - with stopper No. 1028-29502	20 "	2,750.-	55,000.-
127.	10. Standard temperature meter 8 pcs. set	2 sets	148,500.-	297,000.-
128.	11. Cover glass 18 x 18 mm 1,000 pcs./1 box	5 box	2,550.-	12,750.-
	24 x 24 mm	2 "	6,800.-	13,600.-
	24 x 32 mm	2 "	8,400.-	16,800.-
129.	12 Pipet 1 ml	50 pcs.	85.-	4,250.-
	2 ml	50 "	85.-	4,250.-
	5 ml	50 "	150.-	7,500.-
	10 ml	50 "	200.-	10,000.-
130.	13 Glass grain 3mmφ	1 kg		2,800.-
131.	14 Weighing bottle φ30 cm x 50 cm (H)	50 pcs.	350.-	17,500.-
132.	16 Brush for pipet	20 "	36.-	720.-
	- ditto - for flask, big size	20 "	100.-	2,000.-
	middle size	20 "	55.-	1,100.-
	- ditto - for test tube (middle size)	50 "	31.-	1,550.-
	(small size)	50 "	31.-	1,550.-
133.	1 Filtering paper	20 "	425.-	8,500.-
134.	2 Stand for filtering paper	5 "	2,100.-	10,500.-
135.	3 Sulphuric acid paper 75 cm x 100 cm	100 shts	50.-	5,000.-
136.	4 Medicine paper	10 bag	500.-	5,000.-
137.	5 Paraffin strip blocks No. 2824	1,000 pcs.	14.50	14,500.-
138.	6 Silicon tube 10 mmφ (O.D.) No. 7541	100 m	630.-	63,000.-
139.	8 Absorbent cotton 500g	100 pcs.	880.-	88,000.-
140.	9 Gauge 10 m	100 "	340.-	34,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.


(13)

Nos.	Description of Goods	Quantity	Unit Price	Amount
141.	10 Oume cotton	10 kg	¥1,500.-	¥15,000.-
142.	11 Bleaching cloth 30 cm x 9 m	100 pcs.	720.-	72,000.-
143.	12 Aluminum foil 30 cm x 100 m	100 "	1,950.-	195,000.-
144.	13 Salan wrap	100 "	550.-	55,000.-
145.	14 Rubber glove for operation	50 box	180.-	9,000.-
146.	15 - ditto - home type	20 "	520.-	10,400.-
147.	16 Rubber rain shoes each 5 pcs. of 25 cm, 26 cm, 27 cm	15 pcs.	2,500.-	37,500.-
148.	20 End level 22 x 9 mm	20 "	1,240.-	24,800.-
149.	21 Silicon rubber bulb 1 ml 2 ml 5 ml 10 ml	20 " 20 " 20 " 20 "	40.- 52.- 108.- 260.-	800.- 1,040.- 2,160.- 5,200.-
150.	22 Spoons No. 6295 big size middle size small size	5 " 5 " 5 "	100.- 100.- 80.-	500.- 500.- 400.-
151.	23 Stainless wire net 100 mesh 80 mesh Asbest ϕ 15 cm	1 " 1 " 10 "	 48.-	6,000.- 6,000.- 480.-
152.	25 Blood taking needle FJ-160	50 doz.	1,150.-	57,500.-
153.	26 Butcher's knife FQ-14 45cm (FQ-1), 51 cm (FQ-2) 56cm (FQ-3), 61 cm (FQ-4) 66cm (FQ-5), each 1 pce. Bar file FQ-20 Whetstone (ARATO, SIAGETO)	10 pcs. 2 " 1 " 2 "	2,340.- 5,754.- 10,550.-	23,400.- 28,770.- 2,500.- 21,100.-

JAPAN INTERNATIONAL COOPERATION AGENCY

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(14)

Nos.	Description of Goods	Quantity	Unit Price	Amount
154.	Books	22 vol.		¥155,043.-
		Sub total:	FOR Yokohama	<u>¥19,238,283.-</u>
		Grand total:	FOR Yokohama	<u>¥20,423,033.-</u>
		Customs clearance fee		3,100.-
		Shipping charge		233,613.-
		Documentation fee		9,500.-
		Ocean freight		1,008,712.-
		Insurance fee		106,202.-
		<u>CIF Bangkok</u>		<u>¥21,784,160.-</u>
JAPAN INTERNATIONAL COOPERATION AGENCY				
 P.P. SHINSAKU HOKEN PRESIDENT				

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : Department of Technical and Economic
Cooperation
Krung Kasem Road, Bangkok
(for Department of Livestock
Development)

No : _____

Date : Feb. 23, 1978

Shipped per HILDA MAERSK

Shipping Mark :

from Yokohamato Bangkok

via _____

on Feb. 23, 1978

DPEC/PANCHONG
VIA BANGKOK

C/No. BP-1-24

MADE IN JAPAN

SIDE MARK

TECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
1.	13-1 Electric calculator Casio AI-103 with case Accessories; 1) Dry battery: 10 pcs. 2) AC adaptor: 1 " 3) Rechargeable battery: 2 pcs. 4) Battery charger for above with transformer (220V)	4 sets	19,270.-	77,080.-
2.	13-2 - Ditto - Casio 162F 220V	1 "		64,300.-
3.	15 Handy counter	5 pcs.	940.-	4,700.-
4.	2-1 Incubator M3-600 with transformer Temp. 5°C - 80°C	1 set		164,800.-
5.	2-2 - Ditto - ST-1400 with transformer	2 "	339,200.-	678,400.-

E. & O. E.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(2)

Nos.	Description of Goods	Quantity	Unit Price	Amount
6.	5-1 Dissection instruments FHK FC 600	1 set		¥79,950.-
7.	5-2 - ditto - FHK FC 604	1 "		85,100.-
8.	6 Hand sprayer Capacity: 300 cc plastic made	10 pcs.	740.-	7,400.-
9.	7-1 Vacuum pump S-20 with transformer	2 sets	34,900.-	69,800.-
10.	7-2 - ditto - PVD-180K with transformer	1 set		150,500.-
11.	9 Drum roller S-8	1 "		574,100.-
	accessories 4" drum	4 pcs.	25,740.-	102,960.-
	5" drum	4 "	25,740.-	102,960.-
12.	12 Touch mixer 2T-11, 220V Transformer accessories 2 pcs. of mixing plate	5 sets	17,800.-	89,000.-
13.	14 Long-recording Hygro-thermograph No. 114	2 "	285,000.-	570,000.-
	Chart paper	12 vol.	1,780.-	21,360.-
	Recording ink (150 cc, red)	1 pcs.		1,780.-
	Recording pen	1 "		100.-
14.	1 Tissue culture bottle square type 500 ml for screw cap	500 pcs.	1,405.-	702,500.-
	" 200 ml "	300 "	1,212.-	363,600.-
	" 50 ml for rubber cap	300 "	420.-	126,000.-
15.	2 Tissue culture test tube 13/8 x 100 mm	15,000 pcs.	22.-	330,000.-
	16/8 x 100 mm	3,000 "	24.-	72,000.-
	Square tube	150 "	582.-	87,300.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(3)

Nos.	Description of Goods	Quantity	Unit Price	Amount
16.	3 Reagrt bottle			
	1000 ml	100 pcs.	¥1,138.-	¥113,800.-
	500 ml	500 "	703.-	351,500.-
	Medium bottle 120 ml	500 "	282.-	141,000.-
17.	4 Freezing bottle			
	-80°C 20 ml	500 "	49.-	24,500.-
	10 ml	500 "	35.-	17,500.-
	5 ml	500 "	44.-	22,000.-
	3 ml	500 "	42.-	21,000.-
18.	5 Ampoules, freezing jar 1 ml	1,000 "	70.-	70,000.-
19.	6 Triangle corven			
	Flat bottom 5 l.	10 "	3,267.-	32,670.-
	" 2 l.	20 "	1,267.-	25,340.-
	" 1 l.	50 "	624.-	31,200.-
	" 500 ml	50 "	332.-	16,600.-
	" 300 ml	20 "	228.-	4,560.-
	" 100 ml	20 "	183.-	3,660.-
20.	7 Glass bottle flat, bottom, 10 l.	50 "	6,250.-	312,500.-
21.	8 Digesting corven			
	300 ml	3 "	2,770.-	8,310.-
	500 ml	5 "	3,070.-	15,350.-
22.	9 Graduates, bottle			
	2 l.	20 "	4,640.-	92,800.-
	1 l.	20 "	3,405.-	68,100.-
	500 ml	50 "	2,050.-	102,500.-
	250 ml	100 "	1,100.-	110,000.-
	100 ml	100 "	860.-	86,000.-
23.	10 Volumetric flask			
	2 l.	5 "	3,270.-	16,350.-
	1 l.	5 "	1,800.-	9,300.-
	500 ml	5 "	1,495.-	7,475.-
	250 ml	5 "	1,220.-	6,100.-
	100 ml	5 "	860.-	4,300.-

JAPAN INTERNATIONAL COOPERATION AGENCY

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(4)

Nos.	Description of Goods	Quantity	Unit Price	Amount
24.	11 Beaker glass made 1 l.	5 pcs.	¥476.-	¥2,380.-
	500 ml	10 "	242.-	2,420.-
	100 ml	20 "	107.-	2,140.-
25.	12 Culture dishes			
	150φ x 36 mm	100 "	2,212.-	221,200.-
	90φ x 20 mm	200 "	262.-	52,400.-
	60φ x 18 mm	500 "	354.-	177,000.-
26.	13 Test tube			
	for tissue culture	1,000 "	73.-	73,000.-
	19φ x 200 mm			
	20 ml 24φ x 250 mm	1,000 "	119.-	119,000.-
27.	15 Tissue culture cover glass			
	12 x 32 mm	1,000 "	4.75	4,750.-
	18 x 18 mm	500 "	2.57	1,285.-
	18 x 24 mm	500	5.15	2,575.-
28.	16 Slide glass	300 "	85.-	25,500.-
29.	17 Mortars with pestle	100 "	198.-	19,800.-
30.	18 Injector			
	0.5 ml	10 "	737.-	7,370.-
	1 ml	50 "	253.-	12,650.-
	2 ml	30 "	207.-	6,210.-
	5 ml	50 "	296.-	14,800.-
	10 ml	50 "	485.-	24,250.-
	20 ml	50 "	638.-	31,900.-
	50 ml	10 "	1,188.-	11,880.-
	100 ml	5 "	2,300.-	11,500.-
	10 ml with holder	300 "	30.-	9,000.-
31.	19 Continuous injector 0.2 - 1 ml	5 "	8,900.-	44,500.-
	0.5 - 2 ml	5 "	8,900.-	44,500.-
	2 - 10 ml	5 "	11,680.-	58,400.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(5)

Nos.	Description of Goods	Quantity	Unit Price	Amount		
	Glass pumps for above	1 ml	5 pcs.	¥1,180.-	¥5,900.-	
		2 ml	10 "	1,180.-	11,800.-	
		10 ml	5 "	1,385.-	6,925.-	
	Sinkers for above		20 "	395.-	7,900.-	
	Spring for glass pump	1 ml	5 "	238.-	1,190.-	
		2 ml	10 "	238.-	2,380.-	
		10 ml	5 "	238.-	1,190.-	
	Rubber ring for glass pump	1 ml	5 "	55.-	275.-	
		2 ml	10 "	55.-	550.-	
		10 ml	5 "	55.-	275.-	
32.	20	Glass rod for liquid	100 "	60.-	6,000.-	
		Auto crane tapes	5 "	450.-	2,250.-	
		Bag big size	300 sheets	62.-	18,600.-	
		Bag small size	1,000 "	62.-	62,000.-	
33.	21	Clinical thermometer for veterinary	50 pcs.	325.-	16,250.-	
34.	22	Thermometer				
		Alcohol	0 - 100°C	10 "	220.-	2,200.-
			-70 - 50°C	10 "	1,000.-	10,000.-
			0 - 200°C	5 "	500.-	2,500.-
		Mercury	0 - 200°C	5 "	1,800.-	9,000.-
			-20 - 50°C	5 "	1,500.-	7,500.-
35.	23	Cover glass 19 x 23 mm	100 "	58.-	5,800.-	
36.	24	Vaccine bottle	100 ml	5,000 "	26.-	125,000.-
			500 ml	1,000 "	56.-	56,000.-
37.	25	Rubber stopper for	100 ml	5,000 "	5.-	25,000.-
			500 ml	1,000 "	11.-	11,000.-
38.	26	Off cap	100 ml	5,000 "	3.-	15,000.-
			500 ml	1,000 "	4.-	4,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(6)

Nos.	Description of Goods	Quantity	Unit Price	Amount
39.	1 Needle for continuous injector for J-1, J-2, J-10 one doz. each	3 doz.	¥3,380.-	¥10,140.-
	- ditto - for vein 5g 1/5	20 "	230.-	4,600.-
	5g 1/3	20 "	230.-	4,600.-
	5g 1/2	20 "	230.-	4,600.-
	5g 1/1	30 "	230.-	6,900.-
	10g 1/2	30 "	650.-	19,500.-
	10g 1/1	30 "	650.-	19,500.-
	- ditto - for brain	10 "	600.-	6,000.-
40.	4 Pinch cock	30 pos.	1,500.-	45,000.-
41.	5 Kolton stopper Stainless made 4"	1,000 "	128.-	128,000.-
	6"	1,000 "	148.-	148,000.-
42.	6 Steam sterilizer 1) propane gas use 36 x 18 with table & burner	6 set	34,600.-	207,600.-
	2) 27 x 12 x 6.5	10 "	6,000.-	60,000.-
43.	7 Gas burner	10 "	1,900.-	19,000.-
44.	8 Scissors 1) for surgery 14.5 cm	50 "	2,400.-	120,000.-
	2) for hair cutting 17 cm	10 "	2,900.-	29,000.-
45.	9 Pincette for surgery 1) 13 cm without hook	30 "	620.-	18,600.-
	2) 13 cm with hook	30 "	760.-	22,800.-
46.	10 Knife 1) Hilt for knife FC-31	20 "	610.-	12,200.-
	2) Changeable edge FC-32	50 "	400.-	20,000.-
	3) - ditto - FC-33	50 "	400.-	20,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

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(7)

Nos.	Description of Goods	Quantity	Unit Price	Amount
47.	12 Stand for wash basin			
	1) One hall type	20 pcs.	¥2,370.-	¥47,400.
	2) Two hall type	10 "	3,000.-	30,000.
48.	13 Stainless pipe 8mm (O.D.) x 6mm (I.D.)	8 meter	890.-	7,120.
49.	14 T type tube, stainless 8mm (O.D.) x 6 mm (I.D.)	30 pcs.	1,230.-	36,900.
50.	15 Teflon coat 76.2 x 12.7 mm	10 "	2,570.-	25,700.
	50.8 x 7.9 mm	30 "	1,280.-	38,400.
	38.1 x 7.9 mm	30 "	1,140.-	34,200.
	25.4 x 7.9 mm	10 "	1,050.-	10,500.
51.	16 Stainless steel funnel			
	360mm	5 "	13,000.-	65,000.
	180mm x 22 x 100	5 "	4,500.-	22,500.
	90mm	5 "	3,700.-	18,500.
	Tissue culture	6 "	13,800.-	82,800.
52.	17 Stainless wire net			
	80 meter 30 meter	1 roll		134,000.
	120 meter 30 meter	1 "		156,000.
53.	18 Hook for continuous injector			
	8 mm	10 pcs.	2,200.-	22,000.
	13 mm	10 "	2,200.-	22,000.
54.	19 Slant tubes-rack			
	1) 60 hall with spring 13 mm	70 "	6,300.-	441,000.
	2) 60 " 15 mm	20 "	6,400.-	128,000.
55.	20 Test tube rack			
	1) Wire net 10 x 10 13 mm	30 "	2,220.-	66,600.
	2) Aluminium 10 x 10 13 mm	30 "	4,000.-	120,000.
	3) - ditto - 12 x 3 18 mm	30 "	2,800.-	84,000.
	4) - ditto - 12 x 3 24 mm	50 "	2,500.-	125,000.

JAPAN INTERNATIONAL COOPERATION AGENCY

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(8)

Nos.	Description of Goods	Quantity	Unit Price	Amount
56.	21 Wire net basket, stainless			
	1) 45 x 24 x 20 cm	20 pcs.	¥8,100.-	¥162,000.-
	2) 35 x 28 x 20 cm	5 "	8,100.-	40,500.-
57.	22 Aluminium basket 60 x 40 x 20 cm with handle	20 "	12,200.-	244,000.-
58.	23 Sterilizing box (Aluminium)			
	1) 150 x 75 x 350 mm	30 pcs.	2,200.-	66,000.-
	2) 100 x 50 x 400 mm	70 "	2,220.-	155,400.-
	3) 50 x 50 x 400 mm	70 "	2,200.-	154,000.-
	4) 50 x 50 x 450 mm	70 "	2,200.-	154,000.-
	5) 580 x 390 x 180 mm	100 "	12,100.-	1,210,000.-
	6) 480 x 390 x 125 mm	100 "	10,200.-	1,020,000.-
	7) Runch box 110 x 170 x 60 mm	200 "	300.-	60,000.-
	8) " 155 x 210 x 30 mm	100 "	1,040.-	104,000.-
59.	24 Stainless bucket 20 liter with cap 290 x 290 with handle	40 "	8,900.-	356,000.-
60.	25 Milk can stainless made			
	1) FP 13 18 liter	10 "	28,400.-	284,000.-
	2) FP 10 36 liter	10 "	35,800.-	358,000.-
61.	26 Sterilizing tank with caster 400 liter 1000 x 700 x 600	2 "	98,000.-	196,000.-
62.	27 Cabinet	6 "	29,000.-	174,000.-
63.	2 Polyethylene bottle			
	1) 20 liter with drain	10 "	2,400.-	24,000.-
	2) 20 liter without drain	10 "	1,980.-	19,800.-
	3) 10 l.	10 "	990.-	9,900.-
	4) 5 l.	10 "	490.-	4,900.-
	5) 2 l.	10 "	230.-	2,300.-
	6) 1 l.	100 "	100.-	10,000.-
	7) 500 ml	200 "	74.-	14,800.-
	8) 250 ml	200 "	34.-	6,800.-
	9) 100 ml	200 "	27.-	5,400.-

JAPAN INTERNATIONAL COOPERATION AGENCY

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(9)

Nos.	Description of Goods	Quantity	Unit Price	Amount
	10) 50 ml	200 pcs.	¥24.-	¥4,800.
	11) Square type 5 l.	150 "	700.-	105,000.
	12) Washer bottle liter	10 "	200.-	2,000.
	13) " 500 ml	10 "	150.-	1,500.
64.	3 Pipet sterilizer with net 200mmφ x 650 mm	15 sets	11,800.-	177,000.
65.	4 Polyethylene bucket with cap 20 liter	20 pcs.	1,900.-	38,000.
66.	5 Centrifuge tubes stand 65 mm 6 tubes	6 "	2,400.-	14,400.
	40 mm 10 "	4 "	1,900.-	7,920.
	20 mm 10 "	4 "	920.-	3,680.
67.	6 Desiccators 1G type	2 "	51,000.-	102,000.
68.	7 Sulphuric acid tank PBS-10, 320φ x 330 mm	2 "	17,800.-	35,600.
69.	8 Pipet washer pot, PCP, 1) 220 mmφ x 650 mm	2 "	20,000.-	40,000.
	2) 220 mmφ x 500 mm	2 "	19,700.-	39,400.
70.	11 Micro plate 1) Ligit U type 50 sheet/1 box	2 box	11,800.-	23,600.
	2) Tissue culture U type "	3 "	46,000.-	138,000.
71.	12 Plate washer 220-FW	2 set	29,600.-	59,200.
72.	15 Micro pipet 250-III	1 pcs.		20,700.
	50-III	2 pcs.	20,700.-	41,400.
73.	16 Tip for micro pipet 250-III	2 box	5,900.-	11,800.
	" 50-III	2 "	5,300.-	10,600.
74.	18 Laboratory cooler R-6 6 liter	5 pcs.	4,400.-	22,000.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(10)

Nos.	Description of Goods	Quantity	Unit Price	Amount
75.	19 Culture dishes 60φ x 18 mm	300 pcs.	¥63.-	¥18,900.-
76.	21 Centriguge tubes Polycarbonate 50 ml 104 x 28.6	50 "	700.-	35,000.-
77.	22 Protector mask	10 "	1,040.-	10,400.-
78.	1 Silicone rubber stopper			
	No. 1	8,000 "	55.-	440,000.-
	No. 2	1,000 "	74.-	74,000.-
	No. 3	100 "	113.-	11,300.-
	No. 6	100 "	197.-	19,700.-
	No. 10	600 "	475.-	285,000.-
	No. 16	500 "	1,045.-	522,500.-
	No. 18	100 "	1,425.-	142,500.-
	Silicon stopper T12	500 "	145.-	72,500.-
	L17	500 "	160.-	80,000.-
	L22	500 "	179.-	89,500.-
	T32	700 "	347.-	242,900.-
79.	2 Rubber nipple for 10 ml bottle	40 "	50.-	2,000.-
	20 ml	40 "	118.-	4,720.-
80.	3 Safety pipetter	10 "	890.-	8,900.-
81.	4 Rubber tube 15 mm (O.D.) x 9.5 mm (I.D.) 10 mm	10 "	1,680.-	16,800.-
82.	5 High pressure rubber tube for vacuum pump 10 meter 13 mm (O.D.) x 6 mm (I.D.)	5 "	2,520.-	12,600.-
83.	6 Silicons tube			
	1) 14 mm (O.D.) x 6 mm (I.D.)	100 m	1,370.-	137,000.-
	2) 8 mm (O.D.) x 6 mm (I.D.)	30 m	250.-	7,500.-
84.	7 Vinyl tape, 19 mm x 10 m Colour: Clear, white, yellow green, red, blue, orange each 5 rolls	35 rolls	700.-	24,500.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(11)

Nos.	Description of Goods	Quantity	Unit Price	Amount
85.	8 Rubber gloves			
	1) Home use glove, orange colour	10 pcs.	¥390.-	¥3,900.-
	2) Eftelcn glove	3 "	5,790.-	17,370.-
86.	1 Membranfilter			
	0.45 micro 293mm	400 sheet	930.-	372,000.-
	0.2 " 293 "	400 "	930.-	372,000.-
	0.45 " 140 "	200 "	350.-	70,000.-
	0.2 " 140 "	200 "	350.-	70,000.-
	AAWP 04700 0.8 micro 47 "	300 "	122.-	36,600.-
	HAWP " 0.45 " 47 "	500 "	122.-	61,000.-
	PHWP " 0.3 " 47 "	300 "	122.-	36,600.-
	GSWP " 0.22 " 47 "	500 "	122.-	61,000.-
	VGWP " 0.1 " 47 "	50 "	193.-	9,650.-
	VMWP " 0.05 " 47 "	50 "	193.-	9,650.-
87.	2 Zaizu filter			
	EK 300 mm	1,000 "	277.-	277,000.-
	" 145 mm	500 "	173.-	86,500.-
	" 47 mm	500 "	64.-	32,000.-
	MF prefilter 293 mm	500 "	296.-	148,000.-
	140 mm	500 "	79.-	39,500.-
	47 mm	500 "	12.-	6,000.-
88.	3 Punch	3 pcs.	700.-	2,100.-
89.	4 Letter file A5	200 sheets	70.-	14,000.-
	B4	300 "	80.-	24,000.-
90.	5 Leaflet file B4	200 "	345.-	69,000.-
91.	6 Colour tape holder 20 mm	10 pcs.	10,390.-	103,900.-
92.	7 Colour tape 20mm x 13 m	160 "	710.-	113,600.-
93.	8 Paper filter	100 sheets	39.-	3,900.-
94.	9 Sulpharic paper	500 "	32.-	16,000.-
95.	10 Cellophane sheet No. 400	2,600 "	39.-	97,500.-
96.	11 Aluminium foil 20 micro(T) 400x550mm	5,000 "	27.-	135,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

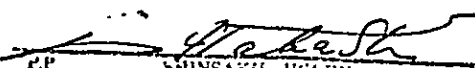
(12)

Nos.	Description of Goods	Quantity	Unit Price	Amount
97.	1 Doctor's Gown, No. 312 Size: Special large 20 suits large 90 suits, middle 90 suits, small 50 suits	250 suits	4,350.-	¥1,087,500.-
	2 T shirts for men, short-sleeve	250 shts.	656.-	163,750.-
	3 Under pants for men	250 "	380.-	95,000.-
	4 Nurse gown No. 337 large size: 10 suits middle size: 40 suits	50 suits	3,320.-	166,000.-
	5 T shirts for women, short-sleeve Size: Large 10 middle 40	50 shts.	660.-	33,000.-
	6 Brassiere Size: Large 10, middle 40	50 "	780.-	39,000.-
	7 Under pants for women Size: Large 10, middle 40	50 "	330.-	16,500.-
	8 Operating gown short-sleeve Size: Large 20, middle 70 small 10	100 suits	4,220.-	422,000.-
	9 T-shirts for men, short-sleeve	100 shts.	650.-	65,000.-
	10 Under pants for men	100 "	380.-	38,000.-
	11 Laboratory gown for men Long-sleeve, Special large 10, large 50 middle 80, small 10	150 suits	3,170.-	475,500.-
	12 Laboratory gown for women Large size 10, middle size 40	50 "	3,080.-	154,000.-
	13 Surgeon gown Long-sleeve, Large size 60, middle size 40	100 suits	2,710.-	271,000.-
	14 Cap for men	100 shts.	1,000.-	100,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(13)

Nos.	Description of Goods	Quantity	Unit Price	Amount
98.	4 Rubber rain shoes big size	10 pair	¥2,470.-	¥24,700.
	Long type , middle size	30 "	2,470.-	74,100.
	small "	10 "	2,470.-	24,700.
	Shot type big size	10 "	1,980.-	19,800.
	middle size	30 "	1,980.-	59,400.
	small "	10 "	1,980.-	19,800.
99.	5 Towel	300 sheets	170.-	51,000.
100.	6 Bath towel	300 "	810.-	243,000.
101.	7 Handkerchief	300 "	35.-	10,500.
102.	8 Operating mask	100 "	170.-	17,000.
103.	9 Cap for woman	30 "	1,680.-	50,400.
104.	13 Absorbent cotton	200 pcs.	98.-	19,600.
105.	12 Gauze 10 m	100 "	330.-	33,000.
106.	13 Bleaching cotton	100 "	710.-	71,000.
107.	16 First aid kit No. 51	2 sets	64,300.-	128,600.
			FOR YOKOHAMA	¥24,534,200.
			Custom clearance fee	3,100.
			Shipping charge	355,960.
			Documentation fee	9,500.
			Ocean freight	1,524,033.
			Insurance fee	136,135.
			CIF Bangkok	¥26,562,956.
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 SHINSAKU HOGEN PRESIDENT			

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : Department of Technical & Economic Cooperation. Krung Kasem Road, Bangkok, Thailand, For Department of Livestock Development.

No : _____

Date : Feb., 27, 1978

Shipping Mark :

Shipped per Air Craft

from Tokyo, Japan

to Bangkok, Thailand

via Direct

Mar.
on Feb., 2, 1978



SIDE MARK
TECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

DTEC/TUNGSONG VIA BANGKOK

C/No. TY-1-15

MADE IN JAPAN

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
			<u>F.O.B. Japan</u>	
	Earle Solution Dried & etc.	630 pcs		¥2,013,020.-
	Fifteen(15) Cases		F.O.B. Expensive.	9,930.-
	No Commercial Value		F.O.B. Japan	¥2,022,950.-
			Air Freight	147,210.-
			Insurance	7,079.-
	- Details as per Attached Sheet -		C.I.F. Bangkok.	¥2,177,239.-
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p> <p><i>Shinsaku Hogen</i> P.P. SHINSAKU HOGEN PRESIDENT</p>				

E.&O.E.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

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Nos.	Description of Goods	Quantity	Unit Price	Amount
C/No. TY-13	Earle Solution Dried 100 g.	50 pcs	¥1,000.	¥50,000.
"	Hanks Solution Dried 100g	50 "	1,000.	50,000.
12	Nutrient Agar 300g.	20 "	4,050.	81,000.
11	Heart in Fusion Agar 100g.	10 "	2,800.	28,000.
"	Heart in Fusion Broth 100g.	3 "	2,800.	8,400.
"	Trypto-Soy Agar 100g.	5 "	2,000.	10,000.
"	Trypto-Soy Broth 100g.	5 "	2,000.	10,000.
"	TCC Broth 100g.	10 "	1,280.	12,800.
"	Cooked Meat Medium 100g.	5 "	6,500.	32,500.
"	Modified Drigalski Agar 100g	5 "	1,500.	7,500.
"	P E A Azide Agar 100g.	2 "	3,000.	6,000.
"	Lactose Broth 100g.	2 "	1,200.	2,400.
"	Phenol Red Tartrate Agar 100g.	2 "	1,600.	3,200.
"	V P Semisolid Agar 100g	2 "	1,500.	3,000.
"	MR-VP Broth 100g.	2 "	1,200.	2,400.
"	SF Broth 100g	3 "	1,700.	5,100.
"	X.V. Test Agar 100g.	3 "	1,800.	5,400.
14	X.V Dish Agar 1test	3 "	1,500.	4,500.
"	Bacitracin Disks 50 sheets	5 "	850.	4,250.
"	Cytochrome Disks 50 sheets	2 "	1,000.	2,000.
12	Bio-Test. 12kind, 1 set.	3 "	3,000.	9,000.
11	DCLS Agar 300g	1 "		5,130.
"	Macconkey Agar 100g.	5 "	1,500.	7,500.
"	DHL Agar 300g.	10 "	4,050.	40,500.
"	Brilliant Green Agar 300g	2 "	3,300.	6,600.
"	TS 1 Agar 100g.	10 "	1,250.	12,500.
"	SIM Semisolid Agar 100g.	10 "	1,250.	12,500.
"	KCM Broth Base 100g	3 "	1,730.	5,190.
"	Malonate Broth 100g	2 "	2,300.	4,600.
14	Urea Broth 5ml.5A	20 "	700.	14,000.
11	Lysine Iron Agar 100g.	2 "	2,000.	4,000.
12	Selenite Broth Base	10 "	2,500.	25,000.
11	Roppoport Broth 70g.	9 "	2,000.	18,000.
"	Desoxycholate Agar 100g.	3 "	1,500.	4,500.
"	Potato Dextrose Agar 100g.	5 "	2,100.	10,500.
"	BIB Teapol Agar 100g.	3 "	1,200.	3,600.
"	Mannitol Salt Agar 100g.	5 "	1,500.	7,500.
"	Staphylococcus Agar No.110 100g.	5 "	1,800.	9,000.
"	D Base Test Agar 100g.	3 "	2,800.	8,400.
"	Fluid Thioglycollate Medium 300g.	1 "		5,000.
"	TEP Fermentation Semisolid Agar Base 100g.	5 "	2,700.	13,500.
"	SI-GM Agar 100g.	3 "	3,000.	9,000.
11	CGMMA medium (L) Phosphate	30 "	800.	24,000.
11	Candida GS Agar 100g.	3 "	1,500.	4,500.
12	Sitouraud Glucose Agar 100g.	5 "	1,200.	6,000.
14	Diagnostic Antigen for Vaginal Mucous Agglutination, Test of Bovine Microbia 5ml.	5 "	4,350.	21,750.

- Be Continued -

JAPAN OVERSEAS COOPERATION VOLUNTEERS

4-2-24, Hiroo, Shibuyaku, Tokyo, Japan. Tel. 400-7261

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Nos.	Description of Goods	Quantity	Unit Price	Amount
C/No.TY-14	Diagnostic Antigen for Brucellosis 20ml.	10 pcs.	¥2,200.	¥22,000.-
"	Soluble Antigen for Complement Fixation Test of Brucellosis	10 "	1,430.	14,300.-
"	Rapid Diagnostic Antigen for Avian Pullorum Disease 20ml.	5 "	1,100.	5,500.-
"	Sarumonera A,B,C,D,E.	1 "		6,000.-
15	Toxoplasma Diagnostic Fluorescent Natibody Lyophilized 0.5ml.	10 "	4,500.	45,000.-
14	Fluorescent Labelled Sera for Cholera Pig	10 "	4,000.	40,000.-
"	Diagnostic Use Transmissible Gastroenteritis in Swine	5 "	4,000.	20,000.-
15	New Castle Disease Hi Antigen	50 pcs.	2,800.	140,000.-
14	Equinil Paratyphoid Rapid Agglutination	5 "	2,700.	13,500.-
15	Tuberculin for Bovine	20 "	550.	11,000.-
"	Joniul	20 "	720.	14,400.-
"	Anti-Serum of Anthrax	10 "	550.	5,500.-
1	Tryptose Phosphate Broth	10 "	4,500.	45,000.-
"	Crystalline Penicillin-G Potassium	10 "	300.	3,000.-
"	Streptomycin Sulfate	10 "	650.	6,500.-
2	Fungizone Intravenous	10 "	13,650.	136,500.-
3-6	Complement (Guinea Pig Lyophilized)	50 "	8,000.	400,000.-
6	Hemolysin (Anti-Sheep Erythrocytes Rabbit Serum)	2 "	20,000.	40,000.-
7-9	Fetal Calf Serum	10 "	19,000.	190,000.-
10	Albumin from Blood Bovine Powder Fraction V	20 "	11,700.	234,000.-
		630 pcs.		¥2,013,020.-
	"KEEP 12cases Frozen (C/No.TY-2-10, 13-15)"			

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : Department of Technical and Economic
Cooperation.
Krang Kasem Road, Bangkok, Thailand
For Department of Livestock Development

No. : _____

Date : _____

Shipped per "CREAT. TOP WOOD"

Shipping Mark :

from Yokohama, Japan

to Bangkok, Thailand

via _____

on MAR. 6, 1978




SIDE MARK

TECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

TEC/TUNG SONG VIA BANGKOK

C/No. ATR-1-27
MADE IN JAPAN

Export Licence No. _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
	<u>Fragrant Chemicals for Animal Health Improvement Programme in Thailand</u>		<u>No Commercial Value</u>	
			Total	Amount
	Ex-godown Yokohama			¥755,990.-
	F.O.B. Charge			81,095.-
	Ocean Freight			99,880.-
	Insurance Premium			4,828.-
			Total C.I.F. Bangkok	¥941,793.-
	----- Details as per attached sheet -----			
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 PP SHINSAKU HOGEN PRESIDENT			

E. & O. E.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(2)

Nos.	Description of Goods		Quantity	Unit Price	Amount
1.	Ginseng Solution		100ml x 30	8550.-	816,000.-
2.	Fuchsin, Basic	E.P.	25g x 5	515.-	2,575.-
3.	Gentian Violet	G.R.	25g x 5	875.-	4,375.-
4.	Safranine	G.R.	25g x 5	600.-	4,000.-
5.	Razatoxylin	E.O.C.	25g x 5	4,590.-	22,950.-
6.	Anilino	G.R.	500g x 2	430.-	860.-
7.	Sudan III	G.R.	25g x 2	720.-	1,440.-
8.	Methylene Blue	G.R.	25g x 2	550.-	2,650.-
9.	Phenol Red	E.P.	25g x 5	1,170.-	5,850.-
10.	Trypan Blue		25g x 5	2,250.-	11,250.-
11.	Nigrosine		25g x 5	1,100.-	5,500.-
12.	Brilliant Green		25g x 5	675.-	3,375.-
13.	Hay-Grunwald's Sol.		100ml x 10	600.-	6,000.-
14.	Phosphate Buffer PH 6.8		10pack x 2	1,450.-	2,900.-
15.	" " PH 7.0		10pack x 2	1,450.-	2,900.-
16.	" " PH 7.2		10pack x 2	1,450.-	2,900.-
17.	" " PH 7.4		10pack x 2	1,450.-	2,900.-
18.	L-Glutamine	G.R.	25g x 10	1,080.-	10,600.-
19.	Yeast Extract	OROID	100g x 5	700.-	3,500.-
20.	F.T.A. 22a	G.R.	25g x 5	300.-	1,500.-
21.	Sodium Chloride	G.R.	500g x 50	375.-	18,750.-
22.	Calcium Chloride	G.R.	500g x 5	370.-	1,850.-
23.	Potassium Chloride	G.R.	500g x 5	365.-	1,825.-
24.	Potassium Hydroxide, Pellets	G.R.	500g x 5	310.-	1,550.-
25.	Sodium Hydroxide, Pellets	G.R.	500g x 5	285.-	1,425.-
26.	Sodium Bicarbonate	G.R.	500g x 5	350.-	1,750.-
27.	Magnesium Sulfate	G.R.	500g x 5	390.-	1,950.-
28.	Magnesium Chloride	G.R.	500g x 5	400.-	2,000.-
29.	Potassium Dihydrogen Phosphate	G.R.	500g x 5	450.-	2,250.-
30.	Sodium Phosphate Dibasic	G.R.	500g x 5	375.-	1,875.-
31.	Sodium Phosphate Tribasic	Kevck	500g x 5	2,300.-	11,500.-
32.	Sodium Citrate	G.R.	500g x 5	675.-	3,375.-
33.	Acetone	G.R.	500g x 5	310.-	1,550.-
34.	Glycerin	G.R.	500g x 5	520.-	2,600.-
35.	Chloral Hydrate	E.P.	500g x 10	1,210.-	12,100.-
36.	Sodium Iodate	G.R.	25g x 5	550.-	2,750.-
37.	Aluminium Potassium Sulfate	G.R.	500g x 5	390.-	1,950.-
38.	Periodic Acid	G.R.	25g x 5	725.-	3,625.-
39.	Iodine	G.R.	500g x 2	1,925.-	3,850.-
40.	Potassium Iodide	G.R.	500g x 2	1,800.-	3,600.-
41.	Chloroform	G.R.	500g x 2	500.-	1,000.-
42.	Acetic Acid Glacial	G.R.	500g x 2	345.-	690.-
43.	Acetic Acid Glacial	G.R.	500g x 2	345.-	690.-
44.	Hydrochloric Acid	G.R.	500g x 10	300.-	3,000.-
45.	Phosphotungstic Acid	G.R.	500g x 2	6,100.-	12,200.-
46.	Cupric Sulfate Crystalline powder	G.R.	500g x 10	530.-	5,300.-
47.	Sulfuric Acid	E.P.	500g x 10	220.-	2,200.-
48.	Potassium Dichromate	E.P.	500g x 10	650.-	6,500.-
49.	Phenol Liquid		500cc x 10	530.-	5,300.-
50.	Mercuric Chloride	G.R.	500g x 2	3,100.-	6,200.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(3)

Nos.	Description of Goods		Quantity	Unit Price	Amount
51.	Xylene	G.R.	500g x 50	¥400.-	¥20,000.-
52.	Ethyl Alcohol 99.5%	G.R.	500g x 50	630.-	31,500.-
53.	Methyl Alcohol	G.R.	500g x 50	275.-	13,750.-
54.	n-Butyl Alcohol	G.R.	500g x 20	1,055.-	20,700.-
55.	Petroleum Benzoin	G.R.	500cc x 20	330.-	7,600.-
56.	Hydrogen Peroxide	G.R.	500g x 5	390.-	1,950.-
57.	Paraffin Liquid	E.P.	500g x 5	375.-	1,875.-
58.	Paraffin Solid 56-58°c		500g x 20	360.-	7,200.-
59.	" " 42-44°c		500g x 20	390.-	7,800.-
60.	Formalin	G.R.	500g x 50	390.-	19,500.-
61.	Formalin - Kaiser Canada	G.R.	500g x 10	390.-	1,950.-
62.	PH Standard Solution PH 4.01		500cc x 10	910.-	9,100.-
63.	PH Standard Solution PH 6.86		500cc x 10	910.-	9,100.-
64.	PH Standard Solution PH 9.18		500cc x 10	910.-	9,100.-
65.	Dextrose, Anhydrous	G.R.	500g x 10	680.-	6,800.-
66.	D (+) Xylose	G.R.	25g x 2	415.-	830.-
67.	D (-) Arabinose	G.R.	25g x 2	7,450.-	14,900.-
68.	L-Rhamnose	G.R.	25g x 2	5,850.-	11,700.-
69.	D (-) Fructose	G.R.	25g x 2	225.-	450.-
70.	D-Lactose + H ₂ O	G.R.	25g x 2	225.-	450.-
71.	Starch Soluble D-Lactose 1.20	E.P.	500g x 1	380.-	380.-
72.	Salicin		1g x 10	880.-	8,800.-
73.	D-Mannitol		25g x 2	250.-	500.-
74.	D-(+) Trehalose		1g x 10	420.-	4,200.-
75.	Silica Gel, white Mid. Granul		500g x 5	395.-	1,975.-
76.	Alcohol Disinfection		16 L x 10	10,800.-	108,000.-
77.	Osvan		20 L x 10	12,270.-	122,700.-
78.	Sodium Hypochlorite	E.P.	500g x 100	270.-	27,000.-
79.	Lyoform		500cc x 100	500.-	50,000.-
Total			Ex-godown	Netokhazn	¥755,990.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : Department of Technical & Economic
Cooperation, Krung Kasem-Road
Bangkok, Thailand for Department
of Livestock Development

No : _____

Date : March 22, 1978

Shipped per "Hermion"

Shipping Mark :

1TD-7539
DLD



SIDE MARK

TECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

DTEC/TUNSONG VIA BANGKOK

C/No. AB-1
MADE IN JAPAN AB-2 AB-3

from Nagoya

to Bangkok

via _____

on March 17, 1978

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
AB-1	TOYOTA Hi-Ace Commuter 15-seater Model RH30RB-JRG Engine: Gasoline, 4-cyl. in-line O.H.V. 1557cc. Max. horse power (SAE net) 64HP./5,000rpm. Transmission: 4 speed manual column shift Equipped: One spare tire and standard tool set Color: "Orange/Beige" (533VA42) KD No. 562773 Beige	1 unit	FOB Nagoya J. Yen	¥ 1,060,000
AB-2 - AB-3	Toyota Auto Spare Parts for above vehicle - Details as per attached sheet -	2 Cases (152 pcs.)		107,000
Total: 1 unit & 2 Cases - 152 pcs. only.			FOB Nagoya J. Yen	¥1,167,000
Frame No. RH30B-000802 Engine No. 12R 1634015			Plus Ocean Freight Ins. Premium	110,558 6,457
			CIF Bangkok J. Free Yen	¥1,284,015

Shinsaku Higuchi
SHINSAKU HIGUCHI
PRESIDENT

E. & O. E.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : Department of Technical and Economic Cooperation
 Krung Kasem Road, Bangkok, Thailand
 ..(for Department of Livestock Development) Date :

Shipped per "ESTELLE MAERSK"

Shipping Mark :

from Nagoya

to Bangkok

via

on Mar. 28, 1978

DTEC/TUNGSONG
VIA BANGKOK

C/No. AT-1-27

MADE IN JAPAN

SIDE MARK

TECHNICAL COLLABORATION AID
 THE GOVERNMENT OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY

Export Licence No

PP

Shinsaku Hogen
 SHINSAKU HOGEN
 PRESIDENT

Nos.	Description of Goods	Quantity	Unit Price	Amount
1.	5) Motorcycle HONDA CB 125S Super Sports	3 sets	¥276,000.-	¥828,000.-
2.	33) High Speed Refrigerated Centrifuge Model: RS-20-2, 220V, Max. R.P.M.: 20,000 r.p.m. Max. centrifugal force: 43,000 X G With standard accessories Angle rotor 3N 10ml X 6 - ditto - 4N 50ml X 8 Centrifugal poly tubes No. 3 N 10 ml - ditto - No. 4 N 50 ml Balancer	1 set 1 pce. 1 " 100 " 50 " 1 "	 230.- 350.-	1,150,000.- 119,000.- 119,000.- 23,000.- 18,000.- 15,000.-
3.	34) Swing type centrifuge Model: CD-50SR with transformer (220V) Max. speed: 4,000 r.p.m. Max. G. force: 2,000 X G Capacity: 50 ml X 4 15 ml X 24 With standard accessories With balancer for low speed Centrifugal glass tube 50 ml	3 sets 150 pcs.	218,000.- 900.-	654,000.- 135,000.-

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(2)

Nos.	Description of Goods	Quantity	Unit Price	Amount
4.	36) Micro Hematocrit Centrifuge Model: RC-24 BN with transformer (220V) Max. speed: 13,050 r.p.m. Max. centrifugal force: 18,000G with capillary tube 100 pcs. with standard accessories	1 set		¥140,000.-
5.	37-1) High Speed Autoclave Model: S-90H with transformer (220V) Max. pressure: 1.3 kg/cm ² Ordinary temp.: 121°C Timer: 60 min. Wire basket 2 pcs. with standard accessories	1 set		237,000.-
6.	37-2) High Speed Autoclave Model: SD-30N with transformer (220V) Max. pressure: 1.7 kg/cm ² Max. temp.: 127°C Timer: 60 min. Wire basket 2 pcs. With standard accessories	1 "		350,000.-
7.	37-3) High Speed Autoclave Model: 220A With transformer (220V) Max. pressure/temp.: 2.4 kgs/cm ² /137°C Ordinary pressure/temp.: 2.1 kgs/cm ² /133°C Sterilizing time: more than 4 minutes in 2.0 kg/cm ² With standard accessories	1 "		340,000.-
8.	38) Hot air sterilizer, automatic Model: HE-2N, 220V, 50 Hz. Temp.: 120°C - 240°C Outer dimension: 740 x 630 x 840 mm	2 "	¥144,000.-	288,000.-
9.	39) Pipet Washer Model: AW-21 with transformer (220V) Pipet washing capacity 1 ml pipet approx: 300 pcs. 10 ml pipet " : 100 " Washing system: Pressure water injection Accessories: 1) Pipet container 2) Submersion tank 3) Detergent 15 kgs 4) Feedwater hose 2 pcs. 5) Drain hose 2 pcs. 6) Earth wire 2 pcs.	1 "		497,800.-

JAPAN INTERNATIONAL COOPERATION AGENCY

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(3)

Nos.	Item No.	Description of Goods	Quantity	Unit Price	Amount
10.	41)	Electric Incubator Model: IF-4, 220V, 50 Hz. Inner chamber dimension 97 x 53 x 70 cm Regulating heater: 200W x 2	2 sets	¥369,900.-	¥739,800.-
11.	42)	Rotary Culture Incubator Model: KB-400, 220V, 50 Hz. 2 rotary drums	1 "		783,000.-
12.	43)	Carbon dioxide (CO ₂) Incubator Model: IC-200, 220V, 50 Hz. Accessories: 1) Compressor 1 pce 2) Valve 1 pce 3) CO ₂ bomb (empty) 1 pce 4) Cart for CO ₂ bomb 1 pce	1 "		1,575,000.-
13.	46)	Freezer Model: Admiral ENF-20 With transformer (220V) Temp.: -20°C to 25°C Capacity: 600 liter	2. "	367,000.-	734,000.-
14.	47)	Ultra Low Temperature Cabinet Model: ESL-100, 220V, 50 Hz. Temp.: -90°C	1 "		882,500.-
15.	48-1)	Biological Microscope Model: Olympus BHC-211(SP) including illuminator (220V) Objective Plan 4X, 10X, 20X, 40X, 100X Eyepiece BiWF 10X paired Abbe condenser M.A. 1.25 (BH-CD) Square mechanical stage with low drive coaxial control BH-SV with standard accessories	3 "	275,500.-	826,500.-
16.	48-2)	Universal Research Microscope Model: Olympus AIB-1(AH-2SP) including illuminator (220V) Eyepiece BiK5X, BiWF 10X BiWF15X, 35WF10X, AH-WF10X Photomicrographic lens FK2.5X 3.3X, 5X, 6.7X Objective Plan 4X, 10X, 20X, 40X, 100X With standard accessories Photomicrographic system Camera Model: Olympus PK-10-A With 2 pcs. of Camera back With standard accessories	1 "		1,349,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(4)

Nos.	Description of Goods	Quantity	Unit Price	Amount.
17.	49) Inverted Microscope Model: Olympus C KC-Bi-1 including illuminator (220V) Eyepiece HiCK 10X paired Objective Achromat 4X, 10X With standard accessories	1 set		¥158,650.-
18.	50) Fluorescence Microscope Model: Olympus BIF-342 Power supply unit BHF-T Objective 10X, 20X, SPL 40X SISFL 100X (oil) Eyepiece BiWF10X paired Photomicrographic lens FK3.3X, FK5 Barrier filter attachment BH-Fa with standard accessories Special accessories 1) UV excitation meter UVM-3 2) Burner (USH-200MB)	1 " 1 " 1 "		679,000.- 49,200.- 50,300.-
19.	53) Coldtome Model: CM-41 Freezer temp.: 0-30°C controllable to a given temp. Freezer: 600W Microtome maximum cut length: 50 x 50 mm Microtome range of thickness adjustment: 0 - 20 µ	1 "		1,485,000.-
20.	54) Vacuum Rotary Model: VHX-22 Capacity: 500 ml	1 "		1,665,000.-
21.	57) Automatic Microtome Knife Sharpener Model: MH-72 Sharpening capacity in terms of knife Size: length 80 to 250 mm crest thickness 7.5 to 14 mm crest width 25 to 55 mm	1 "		664,000.-
22.	59) Paraffin Dispenser Tissue-Tek II consists of: 1) Base molds each 1 case of NO. 11 - NO. 15 2) Embedding cassette (white plastic) 1 case	1 "		1,941,600.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(5)

Nos.	Description of Goods	Quantity	Unit Price	Amount
	3) Filing cabinet with embedding cassette 1 pce. 4) Filing cabinet 1 pce. 5) Process cover 25 sheets/1 case 6) Cassette carrier C-RL 1 pce. 7) - ditto - C-R2 1 pce. 8) - ditto - C-H1 1 pce. 9) - ditto - C-H2 1 pce. 10) Microtome adaptor 1 pce. 11) Process embedding cassette organizer 1 pce. 12) Slide staining set 1 pce. 13) Staining dishes (green) 12 pcs/1 case 14) - ditto - (white) " 15) Tissue embedding center 1 set with transformer (220V) 16) Vacuum infiltrator 1 set with vacuum pump with transformer (220V) 17) Parafine dispenser 1 set with transformer (220V) 18) Cold plate 1 case 19) Water bath with transformer (220V) 20) Slide dryer with transformer (220V)			
23.	73) Honobed Deionizing Equipment Capacity 10 liter	5 sets	¥108,000.-	¥540,000.-
24.	108) Pipette Dryer Model: TS-45PN with transformer (220V) Capacity: Approx. 100 pcs. max. Dry time: Approx. 15 minutes in average with standard accessories	1 "		220,000.-
25.	18) Gas range for propan gas	10 pcs.	4,800.-	48,000.-
26.	23) Files large, middle, small each 5 pcs.	15 "	500.-	7,500.-
27.	32) Glass washer brush each 10 pcs. of 10 kinds	2 sets	133,500.-	267,000.-
28.	40) Anaerobic jar Model: JK-1	1 "		53,000.-
29.	5) Desiccator LS type	4 pcs.	14,900.-	59,600.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(6)

Nos.	Description of Goods	Quantity	Unit Price	Amount
30.	15) Agglutination tray T-2 157 x 200 mm, Ø15.5mm x 80 hole	40 pcs.	Y3,700.-	Y148,000.-
31.	17) Doctor's Gown, double breast large size middle " small " female	10 cloth 10 " 10 " 10 "	2,850.- 2,850.- 2,850.- 2,750.-	28,500.- 28,500.- 28,500.- 27,500.-
32.	18) Working ware large size middle "	5 " 5 "	7,000.- 7,000.-	35,000.- 35,000.-
33.	24) Operation cap FC-540	50 "	190.-	9,500.-
Total:			FOR Yokohama	Y20,032,010.-
			Customs clearance fee	4,200.-
			Shipping charge	165,413.-
			Documentation	9,500.-
			Ocean freight	632,394.-
			Insurance fee	107,374.-
			CIF Bangkok	<u>Y20,950,891.-</u>

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : Department of Technical & Economic
Cooperation. Krung Kasem Road, Bangkok,
Thailand, for Department of Livestock
Development.

No : _____

Date : Mar., 28, 1978

Shipped per Air Craft

Shipping Mark :

from Tokyo, Japan

to Bangkok, Thailand

via Direct

on _____

DLD

SIDE MARK


TECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

DTEC/TUNGSONG VIA BANGKOK

C/No. TS-1-3.

MADE IN JAPAN

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
	<u>MEDICAL INSTRUMENT & MEDICINE</u>		<u>F.O.B. JAPAN</u>	
	Water Bath, Constant Temperature M-100L, 220V, 50Hz. & etc.	8 sets & 130 pcs.		¥1,375,150.-
	Two(2) Woodencases & One(1) Carton.		F.O.B. Expensive :	8,330.-
			F.O.B. Japan:	¥1,383,480.-
			Air Freight :	215,210.-
			Insurance :	5,213.-
	No Commercial Value		C.I.F. Bangkok.	¥1,603,903.-
	** Details as per Attached Sheet **			
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 P.P. SHINSAKU HOGEN PRESIDENT			

E.&O.E.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

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Nos.	Description of Goods	Quantity	Unit Price	Amount
	** ATTACHED SHEET **			
TS-1 (W/C)	Water Bath, Constant temperature, M-100L 220V. 50Hz.	1 set.		¥749,000.-
TS-2 (W/C)	Water Bath, Labothermo. 220V, 50Hz.	3 sets.	@¥84,000.-	252,000.-
	Liver Fluke Detection Set, FM102	2 sets.	30,800.-	61,600.-
	Filter for Feces, 100 mesh wire net FM242	10 pcs.	2,700.-	27,000.-
	EPG Fluke Eggs Counting Plate, FM249	20 pcs.	4,500.-	90,000.-
	Dictyocaulus Labae Detection Set, FM103	2 sets.	11,500.-	23,000.-
	Conical Test Tube for above.	20 pcs.	540.-	10,800.-
TS-3 (C/T)	Eosin Y.	2 pcs.	2,200.-	4,400.-
	Picrolonic Acid.	10 pcs.	420.-	4,200.-
	Calcium Carbonate precipitated.	5 pcs.	1,000.-	5,000.-
	Arabic Gum.	1 pce.	2,150.-	2,150.-
	Castor Oil.	2 pcs.	920.-	1,840.-
	Lactic Acid.	1 pce.	1,500.-	1,500.-
	Croosote.	2 pcs.	3,000.-	6,000.-
	Sodium Metabisulfite.	3 pcs.	1,000.-	3,000.-
	Silver Chlorite.	2 pcs.	2,000.-	4,000.-
	Carmine.	1 pce.	9,600.-	9,600.-
	Iron(III) Ammonium Sulfate	2 pcs.	650.-	1,300.-
	Boric Acid.	5 pcs.	450.-	2,250.-
	Hayem Solution.	2 pcs.	700.-	1,400.-
	Turk Solution.	2 pcs.	880.-	1,760.-
	Tinctura Iodi Diluta	5 pcs.	570.-	2,850.-
	Sodium Thiosulfate Cryst.	10 pcs.	550.-	5,500.-
	Eagle MEM	10 pcs.	3,500.-	35,000.-
	Medium-199	5 pcs.	5,000.-	25,000.-
	Haemosol	10 pcs.	4,500.-	45,000.-
	Total :	8 sets & 130 pcs.		<u>¥1,375,150.-</u>

JAPAN INTERNATIONAL COOPERATION AGENCY

FMD 8-1

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to: Department of Technical and Economic
Cooperation
Krung Kasem Road, Bangkok
(for Department of Livestock
Development)

No: _____

Date: Feb. 23, 1978

Shipped per INDONESIA MARINE

Shipping Mark :

from Yokohama

to Bangkok

via _____

on Feb. 23, 1978



DTEC/PANCHONG
VIA BANGKOK

C/No. HP-1-24

MADE IN JAPAN

SIDE MARK

TECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
1.	13-1 Electric calculator Casio AL-103 with case Accessories; 1) Dry battery: 10 pcs. 2) AC adaptor: 1 " 3) Rechargeable battery: 2 pcs. 4) Battery charger for above with transformer (220V)	4 sets	¥19,270.-	¥77,080.-
2.	13-2 - Ditto - Casio 162F 220V	1 "		64,300.-
3.	15 Handy counter	5 pcs.	940.-	4,700.-
4.	2-1 Incubator NP-609 with transformer Temp. 5°C - 30°C	1 set		164,800.-
5.	2-2 - Ditto - ST-1400 with transformer	2 "	339,200.-	678,400.-

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JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(2)

Nos.	Description of Goods	Quantity	Unit Price	Amount
6.	5-1 Dissection instruments FHK PC 600	1 set		¥79,950.-
7.	5-2 - ditto - FHK PC 604	1 "		85,100.-
8.	6 Hand sprayer Capacity: 300 cc plastic made	10 pcs.	¥740.-	7,400.-
9.	7-1 Vacuum pump S-20 with transformer	2 sets	34,900.-	69,800.-
10.	7-2 - ditto - PVD-130K with transformer	1 set		150,500.-
11.	9 Drum roller S-3	1 "		574,100.-
	accessories 4" drum	4 pcs.	25,740.-	102,960.-
	5" drum	4 "	25,740.-	102,960.-
12.	12 Touch mixer MT-11, 220V Transformer accessories 2 pcs. of mixing plate	5 sets	17,600.-	89,000.-
13.	14 Long-recording Hygro-thermograph No. 114	2 "	285,000.-	570,000.-
	Chart paper	12 vol.	1,780.-	21,360.-
	Recording ink (150 cc, red)	1 pcs.		1,780.-
	Recording pen	1 "		100.-
14.	1 Tissue culture bottle square type 500 ml for screw cap	500 pcs.	1,405.-	702,500.-
	" 200 ml "	300 "	1,212.-	363,600.-
	" 50 ml for rubber cap	300 "	420.-	126,000.-
15.	2 Tissue culture test tube 13/8 x 100 mm	15,000 pcs.	22.-	330,000.-
	16/8 x 100 mm	3,000 "	24.-	72,000.-
	Square tube	150 "	582.-	87,300.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(3)

Nos.	Description of Goods	Quantity	Unit Price	Amount
16.	3 Reagent bottle			
	1000 ml	100 pcs.	1,138.-	¥113,800.
	500 ml	500 "	703.-	351,500.
	Medium bottle 120 ml	500 "	282.-	141,000.
17.	4 Freezing bottle			
	-80°C 20 ml	500 "	49.-	24,500.
	10 ml	500 "	35.-	17,500.
	5 ml	500 "	44.-	22,000.
	3 ml	500 "	42.-	21,000.
18.	5 Ampoules, freezing jar	1,000 "	70.-	70,000.
19.	6 Triangle corven			
	Flat bottom 5 l.	10 "	3,267.-	32,670.
	" 2 l.	20 "	1,267.-	25,340.
	" 1 l.	50 "	624.-	31,200.
	" 500 ml	50 "	332.-	16,600.
	" 300 ml	20 "	228.-	4,560.
	" 100 ml	20 "	183.-	3,660.
20.	7 Glass bottle	50 "	6,250.-	312,500.
	flat, bottom, 10 l.			
21.	8 Digesting corven			
	300 ml	3 "	2,770.-	8,310.
	500 ml	5 "	3,070.-	15,350.
22.	9 Graduates, bottle			
	2 l.	20 "	4,640.-	92,800.
	1 l.	20 "	3,405.-	68,100.
	500 ml	50 "	2,050.-	102,500.
	250 ml	100 "	1,100.-	110,000.
	100 ml	100 "	860.-	86,000.
23.	10 Volumetric flask			
	2 l.	5 "	3,270.-	16,350.
	1 l.	5 "	1,860.-	9,300.
	500 ml	5 "	1,475.-	7,475.
	250 ml	5 "	1,280.-	6,400.
	100 ml	5 "	860.-	4,300.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(4)

Nos.	Description of Goods	Quantity	Unit Price	Amount
24.	11 Beaker, glass made 1 l.	5 pcs.	476.-	2,380.-
	500 ml	10 "	242.-	2,420.-
	100 ml	20 "	107.-	2,140.-
25.	12 Culture dishes			
	150φ x 36 mm	100 "	2,212.-	221,200.-
	90φ x 20 mm	200 "	262.-	52,400.-
	60φ x 18 mm	500 "	354.-	177,000.-
26.	13 Test tube for tissue culture	1,000 "	73.-	73,000.-
	19φ x 200 mm, 20 ml 24φ x 250 mm	1,000 "	119.-	119,000.-
27.	15 Tissue culture cover glass			
	12 x 32 mm	1,000 "	4.75	4,750.-
	18 x 18 mm	500 "	2.57	1,285.-
	18 x 24 mm	500 "	5.15	2,575.-
28.	16 Slide glass	300 "	85.-	25,500.-
29.	17 Mortars with pestle	100 "	198.-	19,800.-
30.	18 Injector			
	0.5 ml	10 "	737.-	7,370.-
	1 ml	50 "	253.-	12,650.-
	2 ml	30 "	207.-	6,210.-
	5 ml	50 "	296.-	14,800.-
	10 ml	50 "	485.-	24,250.-
	20 ml	50 "	638.-	31,900.-
	50 ml	10 "	1,188.-	11,880.-
	100 ml	5 "	2,300.-	11,500.-
	10 ml with holder	300 "	30.-	9,000.-
31.	19 Continuous injector 0.2 - 1 ml	5 "	8,900.-	44,500.-
	0.5 - 2 ml	5 "	8,900.-	44,500.-
	2 - 10 ml	5 "	11,680.-	58,400.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(5)

Nos.	Description of Goods	Quantity	Unit Price	Amount
	Glass pumps for above 1 ml	5 pcs.	¥1,180.-	¥5,900.-
	2 ml	10 "	1,180.-	11,800.-
	10 ml	5 "	1,385.-	6,925.-
	Sinkers for above	20 "	395.-	7,900.-
	Spring for glass pump 1 ml	5 "	238.-	1,190.-
	2 ml	10 "	238.-	2,380.-
	10 ml	5 "	238.-	1,190.-
	Rubber ring for glass pump 1 ml	5 "	55.-	275.-
	2 ml	10 "	55.-	550.-
	10 ml	5 "	55.-	275.-
32.	20 Glass rod for liquid	100 "	60.-	6,000.-
	Auto crane tapes	5 "	450.-	2,250.-
	Bag big size	300 sheets	62.-	18,600.-
	Bag small size	1,000 "	62.-	62,000.-
33.	21 Clinical thermometer for veterinary	50 pcs.	325.-	16,250.-
34.	22 Thermometer			
	Alcohol 0 - 100°C	10 "	220.-	2,200.-
	-70 - 50°C	10 "	1,000.-	10,000.-
	0 - 200°C	5 "	500.-	2,500.-
	Mercury 0 - 200°C	5 "	1,800.-	9,000.-
	-20 - 50°C	5 "	1,500.-	7,500.-
35.	23 Cover glass 19 x 23 mm	100 "	58.-	5,800.-
36.	24 Vaccine bottle 100 ml	5,000 "	26.-	125,000.-
	500 ml	1,000 "	56.-	56,000.-
37.	25 Rubber stopper for 100 ml	5,000 "	5.-	25,000.-
	500 ml	1,000 "	11.-	11,000.-
38.	26 Off. cap 100 ml	5,000 "	3.-	15,000.-
	500 ml	1,000 "	4.-	4,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(16)

Nos.	Description of Goods	Quantity	Unit Price	Amount
39.	1 Needle for continuous injector for J-1, J-2, J-10 one doz. each	3 doz.	¥3,380.-	¥10,140.-
	- ditto - for vein 5g 1/5	20 "	230.-	4,600.-
	5g 1/3	20 "	230.-	4,600.-
	5g 1/2	20 "	230.-	4,600.-
	5g 1/1	30 "	230.-	6,900.-
	10g 1/2	30 "	650.-	19,500.-
	10g 1/1	30 "	650.-	19,500.-
	- ditto - for brain	10 "	600.-	6,000.-
40.	4 Pinch cock	30 pcs.	1,500.-	45,000.-
41.	5 Holton stopper Stainless made 4"	1,000 "	128.-	128,000.-
	" " 6"	1,000 "	148.-	148,000.-
42.	6 Steam sterilizer 1) propane gas use 36 x 18 with table & burner	6 set	34,600.-	207,600.-
	2) 27 x 12 x 6.5	10 "	6,000.-	60,000.-
43.	7 Gas burner	10 "	1,900.-	19,000.-
44.	8 Scissors 1) for surgery 14.5 cm	50 "	2,400.-	120,000.-
	2) for hair cutting 17 cm	10 "	2,900.-	29,000.-
45.	9 Fincette for surgery 1) 13 cm without hook	30 "	620.-	18,600.-
	2) 13 cm with hook	30 "	760.-	22,800.-
46.	10 Knife 1) Hilt for knife FG-31	20 "	610.-	12,200.-
	2) Changeable edge FG-32	50 "	400.-	20,000.-
	3) - ditto - FG-33	50 "	400.-	20,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(7)

Nos.	Description of Goods	Quantity	Unit Price	Amount
47.	12 Stand for wash basin			
	1) One hall type	20 pcs.	2,370.-	47,400.
	2) Two hall type	10 "	3,000.-	30,000.
48.	13 Stainless pipe 8mm (O.D.) x 6mm (I.D.)	8 meter	890.-	7,120.
49.	14 T type tube, stainless 8mm (O.D.) x 6 mm (I.D.)	30 pcs.	1,230.-	36,900.
50.	15 Teflon coat 76.2 x 12.7 mm	10 "	2,570.-	25,700.
	50.8 x 7.9 mm	30 "	1,280.-	38,400.
	38.1 x 7.9 mm	30 "	1,140.-	34,200.
	25.4 x 7.9 mm	10 "	1,050.-	10,500.
51.	16 Stainless steel funnel			
	360mm	5 "	13,000.-	65,000.
	180mm x 22 x 100	5 "	4,500.-	22,500.
	90mm	5 "	3,700.-	18,500.
	Tissue culture	6 "	13,800.-	82,800.
52.	17 Stainless wire net			
	80 meter 30 meter	1 roll		134,000.
	120 meter 30 meter	1 "		156,000.
53.	18 Hook for continuous injector			
	8 mm	10 pcs.	2,200.-	22,000.
	13 mm	10 "	2,200.-	22,000.
54.	19 Slant tubes-rack			
	1) 60 ball with spring 13 mm	70 "	6,300.-	441,000.
	2) 60 " " 15 mm	20 "	6,400.-	128,000.
55.	20 Test tube rack			
	1) Wire net 10 x 10 13 mm	30 "	2,220.-	66,600.
	2) Aluminium 10 x 10 13 mm	30 "	4,000.-	120,000.
	3) - ditto - 12 x 3 18 mm	30 "	2,800.-	84,000.
	4) - ditto - 12 x 3 24 mm	50 "	2,500.-	125,000.

JAPAN INTERNATIONAL COOPERATION AGENCY YOKESHA Bldg., SHINJUKU-KU, TOKYO, JAPAN.

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

昭和三十三年三月三十一日現在 (6) 4

Nos.	Description of Goods	Quantity	Unit Price	Amount
56.	21 Wire net basket, stainless			
	1) 45 x 24 x 20 cm	20 pcs.	8,100.-	162,000.-
	2) 35 x 28 x 20 cm	5 "	8,100.-	40,500.-
57.	22 Aluminium basket	20 "	12,200.-	244,000.-
	60 x 40 x 20 cm with handle			
58.	23 Sterilizing box (Aluminium)			
	1) 150 x 75 x 350 mm	30 pcs.	2,200.-	66,000.-
	2) 100 x 50 x 400 mm	70 "	2,220.-	155,400.-
	3) 50 x 50 x 400 mm	70 "	2,200.-	154,000.-
	4) 50 x 50 x 450 mm	70 "	2,200.-	154,000.-
	5) 580 x 390 x 180 mm	100 "	12,100.-	1,210,000.-
	6) 480 x 390 x 125 mm	100 "	10,200.-	1,020,000.-
	7) Runch box 110 x 170 x 60 mm	200 "	300.-	60,000.-
	8) " 155 x 210 x 30 mm	100 "	1,040.-	104,000.-
59.	24 Stainless bucket	40 "	8,900.-	356,000.-
	20 liter with cap			
	290 x 290 with handle			
60.	25 Milk can stainless made			
	1) FP 13 18 liter	10 "	28,400.-	284,000.-
	2) FP 10 36 liter	10 "	35,800.-	358,000.-
61.	26 Sterilizing tank	2 "	98,000.-	195,000.-
	with canter 400 liter			
	1000 x 700 x 600			
62.	27 Cabinet	6 "	29,000.-	174,000.-
63.	2 Polyethylene bottle			
	1) 20 liter with drain	10 "	2,400.-	24,000.-
	2) 20 liter without drain	10 "	1,980.-	19,800.-
	3) 10 l.	10 "	990.-	9,900.-
	4) 5 l.	10 "	490.-	4,900.-
	5) 2 l.	10 "	230.-	2,300.-
	6) 1 l.	100 "	100.-	10,000.-
	7) 500 ml	200 "	74.-	14,800.-
	8) 250 ml	200 "	34.-	6,800.-
	9) 100 ml	200 "	27.-	5,400.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(9)

Nos.	Description of Goods	Quantity	Unit Price	Amount
	10) 50 ml	200 pcs.	¥24.-	¥4,800.-
	11) Square type 5 l.	150 "	700.-	105,000.-
	12) Washer bottle liter	10 "	200.-	2,000.-
	13) " 500 ml	10 "	150.-	1,500.-
64.	3 Pipet sterilizer with net 200mmφ x 650 mm	15 sets	11,800.-	177,000.-
65.	4 Polyethylene bucket with cap 20 liter	20 pcs.	1,900.-	38,000.-
66.	5 Centrifuge tubes stand 65 mm 6 tubes 40 mm 10 " 20 mm 10 "	6 " 4 " 4 "	2,400.- 1,980.- 920.-	14,400.- 7,920.- 3,680.-
67.	6 Desiccators LG type	2 "	51,000.-	102,000.-
68.	7 Sulphuric acid tank PES-10, 320φ x 330 mm	2 "	17,800.-	35,600.-
69.	8 Pipet washer pot, PCF, 1) 220 mmφ x 650 mm 2) 220 mmφ x 500 mm	2 " 2 "	20,000.- 19,700.-	40,000.- 39,400.-
70.	11 Micro plate 1) Ligt U type 50 sheet/1 box 2) Tissue culture U type "	2 box 3 "	11,800.- 46,000.-	23,600.- 138,000.-
71.	12 Plate washer 220-FW	2 set	29,600.-	59,200.-
72.	15 Micro pipet 250-III 50-III	1 pcs. 2 pcs.	20,700.- 20,700.-	20,700.- 41,400.-
73.	16 Tip for micro pipet 250-III " 50-III	2 box 2 "	5,900.- 5,300.-	11,800.- 10,600.-
74.	18 Laboratory cooler P-6 6 liter	5 pcs.	4,400.-	22,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(10)

Nos.	Description of Goods	Quantity	Unit Price	Amount
75.	19 Culture dishes 60φ x 18 mm	300 pcs.	6163.-	18,900.-
76.	21 Centrifuge tubes Polycarbonate 50 ml 104 x 28.6	50 "	700.-	35,000.-
77.	22 Protector mask	10 "	1,040.-	10,400.-
78.	1 Silicone rubber stopper			
	No. 1	8,000 "	55.-	440,000.-
	No. 2	1,000 "	74.-	74,000.-
	No. 3	100 "	113.-	11,300.-
	No. 6	100 "	197.-	19,700.-
	No. 10	600 "	475.-	285,000.-
	No. 16	500 "	1,045.-	522,500.-
	No. 18	100 "	1,425.-	142,500.-
	Silicon stopper T12	500 "	145.-	72,500.-
	L17	500 "	160.-	80,000.-
	L22	500 "	179.-	89,500.-
	T32	700 "	347.-	242,900.-
79.	2 Rubber nipple for 10 ml bottle	40 "	50.-	2,000.-
	20 ml	40 "	118.-	4,720.-
80.	3 Safety pipetter	10 "	890.-	8,900.-
81.	4 Rubber tube 15 mm (O.D.) x 9.5 mm (I.D.) 10 mm	10 "	1,680.-	16,800.-
82.	5 High pressure rubber tube for vacuum pump 10 meter 13 mm (O.D.) x 6 mm (I.D.)	5 "	2,520.-	12,600.-
83.	6 Silicone tube			
	1) 14 mm (O.D.) x 6 mm (I.D.)	100 m	1,370.-	137,000.-
	2) 8 mm (O.D.) x 6 mm (I.D.)	30 m	250.-	7,500.-
84.	7 Vinyl tape, 19 mm x 10 m Colour: Clear, white, yellow green, red, blue, orange each 5 rolls	35 rolls	700.-	24,500.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(11)

Nos.	Description of Goods	Quantity	Unit Price	Amount
85.	8 Rubber gloves			
	1) Home use glove, orange colour	10 pcs.	1,390.-	13,900.-
	2) Eftelen glove	3 "	5,790.-	17,370.-
86.	1 Membranfilter			
	0.45 micro 293mm	400 sheet	930.-	372,000.-
	0.2 " 293 "	400 "	930.-	372,000.-
	0.45 " 140 "	200 "	350.-	70,000.-
	0.2 " 140 "	200 "	350.-	70,000.-
	AMFP 04700 0.8 micro 47 "	300 "	122.-	36,600.-
	HMFP " 0.45 " 47 "	500 "	122.-	61,000.-
	PHFP " 0.3 " 47 "	300 "	122.-	36,600.-
	GSFP " 0.22 " 47 "	500 "	122.-	61,000.-
	VGFP " 0.1 " 47 "	50 "	193.-	9,650.-
	VMFP " 0.05 " 47 "	50 "	193.-	9,650.-
87.	2 Zaizu filter			
	EK 300 mm	1,000 "	277.-	277,000.-
	" 145 mm	500 "	173.-	86,500.-
	" 47 mm	500 "	64.-	32,000.-
	MF prefilter 293 mm	500 "	295.-	148,000.-
	140 mm	500 "	79.-	39,500.-
	47 mm	500 "	12.-	6,000.-
88.	3 Punch	3 pcs.	700.-	2,100.-
89.	4 Letter filo A5	200 sheets	70.-	14,000.-
	B4	300 "	80.-	24,000.-
90.	5 Leaflet filo B4	200 "	345.-	69,000.-
91.	6 Colour tape holder 20 mm	10 pcs.	10,390.-	103,900.-
92.	7 Colour tape 20mm x 13 m	160 "	710.-	113,600.-
93.	8 Paper filter	100 sheets	39.-	3,900.-
94.	9 Sulphuric paper	500 "	32.-	16,000.-
95.	10 Cellophane sheet No. 400	2,600 "	39.-	97,500.-
96.	11 Aluminium foil 20 micro(μ) 400x550mm	5,000 "	27.-	135,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

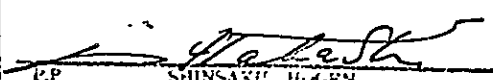
(12)

Nos.	Description of Goods	Quantity	Unit Price	Amount
91.	1 Doctor's Gown, No. 312 Size: Special large 20 suits large 90 suits, middle 90 suits, small 50 suits	250 suits	4,350.-	¥1,087,500.-
	2 T shirts for men, short-sleeve	250 shts.	656.-	163,750.-
	3 Under pants for men	250 "	380.-	95,000.-
	4 Nurse gown No. 337 large size: 10 suits middle size: 40 suits	50 suits	3,320.-	166,000.-
	5 T shirts for women, short-sleeve Size: Large 10 middle 40	50 shts.	660.-	33,000.-
	6 Brassiere Size: Large 10, middle 40	50 "	780.-	39,000.-
	7 Under pants for women Size: Large 10, middle 40	50 "	330.-	16,500.-
	8 Operating gown short-sleeve Size: Large 20, middle 70 small 10	100 suits	4,220.-	422,000.-
	9 T-shirts for men, short-sleeve	100 shts.	650.-	65,000.-
	10 Under pants for men	100 "	380.-	38,000.-
	11 Laboratory gown for men Long-sleeve, Special large 10, large 50 middle 80, small 10	150 suits	3,170.-	475,500.-
	12 Laboratory gown for women Large size 10, middle size 40	50 "	3,080.-	154,000.-
	13 Surgeon gown Long-sleeve, Large size 60, middle size 40	100 suits	2,710.-	271,000.-
	14 Cap for men	100 shts.	1,000.-	100,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(13)

Nos.	Description of Goods	Quantity	Unit Price	Amount
98.	4 Rubber rain shoes big size	10 pair	2,470.-	¥24,700.
	Long type , middle size	30 "	2,470.-	74,100.
	small "	10 "	2,470.-	24,700.
	Shot type big size	10 "	1,980.-	19,800.
	middle size	30 "	1,980.-	59,400.
	small "	10 "	1,980.-	19,800.
99.	5 Towel	300 sheets	170.-	51,000.
100.	6 Bath towel	300 "	810.-	243,000.
101.	7 Handkerchief	300 "	35.-	10,500.
102.	8 Operating mask	100 "	170.-	17,000.
103.	9 Cap for woman	30 "	1,680.-	50,400.
104.	11 Absorbent cotton	200 pcs.	98.-	19,600.
105.	12 Gauze 10 m	100 "	330.-	33,000.
106.	13 Bleaching cotton	100 "	710.-	71,000.
107.	16 First aid kit No. 51	2 sets	64,300.-	128,600.
			FOR YOKOHAMA	¥24,534,200.
			Custom clearance fee	3,100.
			Shipping charge	355,910.
			Documentation fee	9,500.
			Ocean freight	1,524,033.
			Insurance fee	136,133.
			CLF Bangkok	¥26,562,956.
JAPAN INTERNATIONAL COOPERATION AGENCY				
 S.P. SHINSAKU HOGEN PRESIDENT				

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : Department of Technical & Economic
Cooperation, Krung Kasem Road, Bangkok,
Thailand. For Department of Livestock
Development.

No : _____

Date : Mar. 13, 1978

Shipped per Air Craft

Shipping Mark :

from Tokyo, Japan

to Bangkok, Thailand

via Direct

on _____

DLD (FMD)



DTEC/PAKHOENG VIA BANGKOK

C/No. FY-1-4C.

MADE IN JAPAN

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
			<u>F.O.B. Japan</u>	
	Beef Serum Bacto (500rJ)	400 pcs.	¥10,000.	¥4,000,000.-
			<u>Packing Charge</u>	¥1,150,000.-
		Total:		¥5,150,000.-
	Forty(40) Cases.		<u>F.O.B. Expensive</u>	22,950.-
	No Commercial Value		<u>F.O.B. Japan</u>	¥5,172,950.-
			<u>Air Freight</u>	799,140.-
			<u>Insurance</u>	19,474.-
			<u>C.I.F. Bangkok</u>	¥5,991,564.-
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 Mitsui Bussan Kaisha, Ltd. President			

E. & O. E.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : Department of Technical and Economic Cooperation
 Krung Kasem Road, Bangkok, Thailand
 (for Department of Livestock Development) No : _____
 Date : _____

Shipped per ESTELLE MAERSK

Shipping Mark :

from Yokohama

to Bangkok

via _____

on March 26, 1978

ILD (FMD)

SIDE MARKTECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPANDTEC/FAKCHONG
VIA BANGKOK
C/No. BP-1-8

JAPAN INTERNATIONAL COOPERATION AGENCY

MADE IN JAPAN

Export Licence No. _____

Shinsaku Hogen
 P.P. SHINSAKU HOGEN
 PRESIDENT

Nos.	Description of Goods	Quantity	Unit Price	Amount
1.	1) High speed autoclave Model: SD-30W with transformer (220V) Max. pressure: 1.7 kgs/cm ² Max. temp. 127 °C Chamber capacity: 50 liter Chamber dimension: 300 x 635 mm with standard accessories Special accessories 1) Rack 2) Carst	2 sets	396,500.-	¥ 793,000.-
		2 pcs.	4,300.-	8,600.-
		2 "	5,840.-	11,680.-
2.	8) Low temperature preservation container Model: DALIC-350B Storage capacity: 350 liter M ₂ capacity: 165 liter Static holding days: 27 Static evaporation rate: 6.7 liter/day	1 set		2,376,800.-
3.	10) Construction of the constant temperature water bath with magnetic stirrer 220V, 50 Hz.	1 set		681,000.-

TOTAL

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

Nos.	Description of Goods	Quantity	Unit Price	Amount
4.	11) Swing type centrifuge Model: CD-50SR with transformer (220V) Max. speed 4,000 r.p.m. Max. G. force 2,600XG Capacity: 15 ml x 24, 50 ml x 4 with standard accessories	1 set		¥ 215,800.-
5.	17) Swing type centrifuge for microtiter. Model: CD-50R with transformer (220V) Speed control: Manual operation Drive system: Automatic balancing device Speed: 500-3,600 r.p.m. Rotor: NO. R-4	1 "		306,800.-
6.	19) Freezing Microtome (Cold tone) Model: GM3D, 220V	1 set		121,000.-
7.	20) Automatic microtome knife sharpener Model: MN-72 Sharpening capacity in terms of knife size: length 80 to 250 mm crest thickness 7.5 to 14 mm crest width 25 to 55 mm	1 "		976,500.-
8.	21) Vibrator Model: W-5 Size: 310(wide) x 120(deep) x 120(high) mm Vibrating platter: Made of stainless steel (SUS-27) Vibration: "Strong" & "Weak" 2-step selection type	1 "		670,000.-
9.	1) Bottle for tissue culture 110 x 500 mm	500 pcs.	6,200.-	3,100,000.-
10.	14) Pipet 30 ml 20 ml 10 ml 5 ml 2 ml 1 ml 0.5 ml Kontagome pipet 10 ml	100 " 150 " 1,000 " 250 " 250 " 1,500 " 1,000 " 200 "	990.- 624.- 317.- 252.- 208.- 191.- 352.- 320.-	99,000.- 93,600.- 317,000.- 63,000.- 52,000.- 286,500.- 352,000.- 64,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(3)

Nos.	Description of Goods	Quantity	Unit Price	Amount
11.	1) Needle for injector for cattle	10 doz.	¥1,290.-	12,900.-
	" " for sheep	10 "	1,190.-	11,900.-
	" " for pig (long)	10 "	1,780.-	17,800.-
	" " (middle)	10 "	1,240.-	12,400.-
	" " (short)	10 "	880.-	8,800.-
12.	2) Sucker needle			
	Stainless, big size curved	10 pcs.	485.-	4,850.-
	" 4φ x 400mm "	20 "	530.-	10,600.-
	" 3φ x 400mm "	20 "	510.-	10,200.-
	" 2φ x 170mm straight	20 "	222.-	4,440.-
13.	3) Forceps, stainless 23.5 cm	30 "	7,520.-	225,600.-
	" " 18 cm	30 "	2,170.-	65,100.-
14.	11) Wash basin φ315mm 100mm (depth)	50 "	240.-	12,000.-
15.	20) -5 Test tube stand 12 x 3 hole	10 "	1,600.-	16,000.-
16.	1) Centrifuge tube			
	1) Poly carbonate tube 200 ml	100 pcs.	1,480.-	148,000.-
	2) Flyethylene " 100 ml	100 "	490.-	49,000.-
	3) Polycarbonate " 50 ml	100 "	370.-	37,000.-
	4) Polycarbonate " 10 ml	100 "	240.-	24,000.-
17.	9) Microtiter mini set with mixer Loop, dropper, plastic tray test paper, sealing tape, tape roller, suction bulb. micro mixer model-Z with transformer (220V)	1 set		118,700.-
18.	10) Reading mirror for microtiter	1 "		10,800.-
19.	13) Loop for microtiter			
	0.025 ml 12 pcs/box	2 box	20,700.-	41,400.-
	0.05 ml 12 "	1 "		20,700.-
20.	14) Dropper for microtiter			
	0.025 ml 6 pcs/box	1 "		22,700.-
	0.05 ml 6 "	1 "		22,700.-
21.	17) Filter SM16510	10 pcs.	12,800.-	128,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(4)

Nos.	Description of Goods	Quantity	Unit Price	Amount
22.	20) Filter SM16508 Polycarbonate 47-50 mmφ	1 set		¥ 23,700.-
23.	1) Membrane filter No. FGLFO4700	200 sheets	¥ 89.-	17,800.-
24.	2)-1 Rubber apron 2 Vinyl apron	50 " 100 "	2,570.- 790.-	128,500.- 79,000.-
25.	3) Sandal shoes 1) Men, brown 27 cm 25-26 cm 24 cm 2) Men, blue 27 cm 25-26 cm 3) Female, middle size small size	10 pair 80 " 50 " 50 " 30 " 15 " 5 "	730.- 730.- 730.- 730.- 730.- 740.- 740.-	7,300.- 58,400.- 36,500.- 36,500.- 21,900.- 11,100.- 3,700.-
26.	10) Vinyl cap for shower	20 pcs.	440.-	8,800.-
27.	14) Cotton tape 12 mm wide	50 rolls	190.-	9,500.-
28.	15) Cotton string 50 meter coil	50 "	950.-	47,500.-
Total :		FOR Yokohama		¥ 12,165,800.-
		Custom clearance fee		4,200.-
		Shipping charge		85,250.-
		Documentation fee		9,500.-
		Ocean freight		346,311.-
		Insurance premium		64,970.-
		CIF Bangkok		¥ 12,676,031.-

1968

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to: Department of Technical and Economic Cooperation
 Krung Kasen Road, Bangkok, Thailand
 for Department of Livestock Development

No: _____

Date: March 30, 1978

Shipped per "Estelle Macrae"

from Nagoya

to Bangkok

via _____

on March 28, 1978

Export Licence No _____

Shipping Mark:



SIDE MARK

TECHNICAL COLLABORATION AID
 THE GOVERNMENT OF JAPAN

- do -

BTTC/PAK CHONG VIA BANGKOK

C/NO. ABC-2

C/No. ABC-1

ISSUE NO. S26899 01

S26899-02

MADE IN JAPAN

S26899-03

S27134-01

Nos.	Description of Goods	Quantity	Unit Price	Amount
ABC-1	<u>Toyota Vehicle</u> Toyota Aluminum Refrigerator Car Model Toyo-Ace RY12R-JR13 Engine: Gasoline, 4 cyl. in-line O.H.V. 1,587cc. Max. horsepower (SAE Net) 64hp. 45,200 rpm. Transmission, 4-speed manual, column shift Equipped, Cigarette Lighter, Lust proof One spare tires and standard tool set Drawing No.: FREY ED No. 450828	1 unit	FOB Nagoya J. Yen ¥ 2,770,000	
ABC-2	Toyota Auto Spare Parts for above Vehicle	1 case (293 pcs.)		270,000
Total: 1 unit & 1 Case (293 pcs.) only.			FOB Nagoya J. Yen	¥3,040,000
			Ocean Freight Ins. Premium	182,075 16,275
Frame No. RY12-077191 Engine: No. 12R 1634673			CIF Bangkok J. Yen	¥3,238,350

Shinsaku Hogen
 P.P. SHINSAKU HOGEN
 PRESIDENT

E. & O. E.

JAPAN INTERNATIONAL COOPERATION AGENCY

FMD 12 - 1

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : Department of Technical & Economic
Cooperation. Krung Kasem Road, Bangkok,
Thailand. for Department of Livestock
Development.

No : _____

Date : Mar., 28, 1978

Shipping Mark :

Shipped per Air Craft

from Tokyo, Japan

to Bangkok, Thailand

via Direct

on _____

DLD (FMD)



SIDE MARK

TECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

DTEC/PAKCHONG VIA BANGKOK

C/No. PY-41-90.

MADE IN JAPAN

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
	<u>MEDICINE</u>		<u>F.O.B. Japan</u>	
	L-Arginine 25g. & etc.	3,725 pcs.		¥3,269,900.-
	Fifty(50) Cartons.		F.O.B. Expensive	14,350.-
	No Commercial Value		F.O.B. Japan:	¥3,284,250.-
			Air Freight :	515,240.-
			Insurance :	16,218.-
			C.I.F. Bangkok :	¥3,815,708.-
	** Details as per Attached Sheet **			
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	P.P. SHINSAKU HOGEN PRESIDENT			

E. & O. E.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

()

Nos.	Description of Goods	Quantity	Unit Price	Amount
	** Attached Sheet **			
	L-Arginine 25g.	16 pcs.	@¥940.	¥15,040.
	L-Histidine 25g.	7 "	800.	5,600.
	L-Isoleucine 25g.	18 "	2,540.	45,720.
	L-Leucine 25g.	18 "	520.	9,360.
	L-Lysine Monohydrochloride 25g.	27 "	230.	6,210.
	L-cysteine 25g.	9 "	1,330.	11,970.
	L-Phenyl Alanine 25g.	12 "	860.	10,320.
	L-Threonine 25g.	17 "	2,640.	44,880.
	L-Tryptophane 25g.	3 "	1,330.	3,990.
	L-Tyrosine 25g.	13 "	560.	7,280.
	L-Yaline 25g.	17 "	560.	9,520.
	L-Methionine 25g.	6 "	630.	3,780.
	L-Glutamine 500g.	7 "	6,600.	46,200.
	Inositol 25g.	2 "	750.	1,500.
	Choline Chloride 25g.	4 "	1,500.	6,000.
	Folic Acid 25g.	4 "	3,000.	12,000.
	Nicotinamide 25g.	4 "	300.	1,200.
	Calcium D-Pantothenate 25g.	4 "	500.	2,000.
	Pyridoxine Hydrochloride 25g.	4 "	1,800.	7,200.
	Thiamine Hydrochloride 25g.	4 "	840.	3,360.
	Riboflavin Vitamin B2 25g.	1 pce.		1,700.
	Kanamycin Base 1g.	600 pcs.	380.	228,000.
	Streptomycin Sulfate 1g.	1,200 "	65.	78,000.
	Penicillin G in Aqueous.	1,200 "	65.	78,000.
	Lactalbumin Hydrolyate.	70 "	5,700.	399,000.
	Tryptose Phosphate Broth	60 "	8,100.	486,000.
	Bacto Peptone.	23 "	10,020.	230,460.
	Tris, 500g	3 "	13,000.	39,000.
	TGC Agar. 300g	150 "	5,600.	840,000.
	Sabouraub Glucose Agar. 100g	10 "	1,200.	12,000.
	Trypto-Soybroth. 100g	100 "	2,000.	200,000.
	Nutrient Agar. 300g.	15 "	4,050.	60,750.
	Agar Noble.	1 "		27,590.
	Phenol Red. 5g.	20 "	6,200.	124,000.
	Bacto-Neutral Red. 25g.	4 "	4,780.	19,120.
	Eosin Yellowish. 25g.	1 "		1,750.
	Eosin Bluish. 25g.	1 "		1,500.
	Nigrosine. 50g.	1 "		2,000.
	Colistin-M	2 "	1,250.	2,500.
	Tetracyclin.	10 "	1,140.	11,400.
	Amco 1000. 20Kg.	2 "	35,000.	70,000.
	Raipone-F. 10Kg.	10 "	2,500.	25,000.
	Hi-Ally 200. 3Kg.	10 "	2,400.	24,000.
	Cream Cleanser. 600ml.	25 "	800.	20,000.
	Purelox. 18 L	10 "	3,500.	35,000.
	Total :	3,725 pcs.		¥3,259,900.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : Department of Technical and Economic Cooperation, Krung Kasem Road, Bangkok for Department of Livestock Development.

No :

Date :

Shipping Mark :

Shipped per "LAVINIA"

from Yokohama, Japan

to Bangkok, Thailand

via

on Mar. 31, 1978



SIDE MARK

TECHNICAL COLLABORATION AID
THE GOVERNMENT OF JAPAN

DTEC/PAKCHONG VIA BANGKOK

C/No. BM-1-39
MADE IN JAPAN

Export Licence No

Nos.	Description of Goods	Quantity	Unit Price	Amount
	<p><u>Reagent Chemicals for Animal Health Improvement Programme in Thailand</u></p> <p>----- Details as per attached sheet -----</p> <p>JAPAN INTERNATIONAL COOPERATION AGENCY</p> <p><i>[Signature]</i> SHINJIKI</p>			<p><u>No. Commercial Value</u></p> <p>Total Amount</p> <p>F.O.B. Yokohama ¥942,960.-</p> <p>Ocean Freight 114,184.-</p> <p>Insurance Premium 5,448.-</p> <hr/> <p>Total C.I.F. Bangkok \$1,062,592.-</p>

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(2)

Nos.	Description of Goods		Quantity	Unit Price	Amount
1.	Sodium Chloride	G.R.	500g x 1150	¥415.-	¥6 2,250.-
2.	Potassium Chloride	G.R.	500g x 12	410.-	4,920.-
3.	Calcium Chloride, Anhyd.	G.R.	500g x 6	650.-	3,900.-
4.	Magnesium Sulfate	G.R.	500g x 6	430.-	2,580.-
5.	Sodium Phosphate, Monobasic	G.R.	500g x 6	550.-	3,300.-
6.	Glucose, Anhydrous	G.R.	500g x 120	740.-	88,800.-
7.	Sodium Bicarbonate	G.R.	500g x 60	390.-	23,400.-
8.	Ferric Nitrate	G.R.	500g x 1	690.-	690.-
9.	Magnesium Chloride	G.R.	500g x 1	450.-	450.-
10.	Sodium Phosphate, Dibasic	G.R.	500g x 12	425.-	5,100.-
11.	Potassium Phosphate, Monobasic	G.R.	500g x 12	540.-	6,480.-
12.	Barbituric Acid	G.R.	500g x 3	7,500.-	22,500.-
13.	Sodium Diethylbarbiturate	G.R.	500g x 2	3,020.-	6,040.-
14.	Hepes		10g x 5	5,550.-	27,750.-
15.	Hydrochloric Acid	G.R.	500g x 15	350.-	5,250.-
16.	Sodium Hydroxide, Pellets	G.R.	500g x 25	325.-	8,125.-
17.	Sodium Carbonate	G.R.	500g x 10	420.-	4,200.-
18.	Oxalic Acid	G.R.	500g x 5	675.-	3,375.-
19.	Saccharose	G.B.	500g x 5	580.-	2,900.-
20.	Cesium Chloride	G.R.	25g x 5	2,900.-	14,500.-
21.	Ammonium Sulfate	G.R.	500g x 15	445.-	6,675.-
22.	Daiiflon S3		1kg x 8	1,070.-	8,560.-
23.	Polyethylene Glycol #6000		500g x 50	725.-	36,250.-
24.	Chloroform	G.R.	500g x 15	550.-	8,250.-
25.	Xylene	G.R.	500g x 3	440.-	1,320.-
26.	Sodium Carboxy methyl cellulose		500g x 6	590.-	3,540.-
27.	Ethylenediaminetetraacetic Acid Disodium Salt	G.R.	25g x 5	320.-	1,600.-
28.	Formalin	G.R.	500g x 15	350.-	5,250.-
29.	Glycerin	G.R.	500g x 40	570.-	22,800.-
30.	Dimethyl Sulfoxide	S.P.	500cc x 5	3,700.-	18,500.-
31.	Phenol	G.R.	500g x 15	600.-	9,000.-
32.	Silicon KH72		1kg x 1	2,100.-	2,100.-
33.	Saponin	CICA	25g x 1	420.-	420.-
34.	"	WAKO	25g x 1	610.-	610.-
35.	"	NAKARAI	25g x 1	600.-	600.-
36.	"	KOSO	25g x 1	890.-	890.-
37.	DEAE Dextran	PHARMACIA	100g x 1	11,000.-	11,000.-
38.	Sodium Sulfite, Anhyd	G.R.	500g x 5	430.-	2,150.-
39.	Sodium Borate, Anhyd	G.R.	250g x 10	855.-	8,550.-
40.	Sea Sand	E.P.	500g x 5	420.-	2,100.-
41.	Silica gel blue Mid. Granule		500g x 15	465.-	6,975.-
42.	Iodine Tincture	J.P.	500g x 1	800.-	800.-
43.	Crystal Violet	Merck	25g x 4	1,800.-	7,200.-
44.	Sodium Thiosulfate, Anhyd	G.R.	500g x 2	690.-	1,380.-
45.	Sodium Citrate	G.R.	500g x 2	740.-	1,480.-
46.	Geratine, Powder		500g x 1	670.-	670.-
47.	Ciessan Staining Solution		25ml x 10	570.-	5,700.-
48.	Methyl Cellulose 1500 ops		500g x 1	1,040.-	1,040.-
49.	Ethyl Alcohol 99.5%	F.P.	18 L x 2	14,270.-	28,540.-
50.	Methyl Alcohol	E.P.	14kg x 3	4,700.-	14,100.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(3)

Nos.	Description of Goods	Quantity	Unit Price	Amount
51.	Ammonia water 28% E.P.	18kg x 35	¥4,500.-	¥157,500.-
52.	Sodium Carbonate Tech	25kg x 20	2,750.-	55,000.-
53.	Tween #80	500g x 10	1,200.-	12,000.-
54.	Aluminum Sulfate 17% Tech	25kg x 36	5,600.-	201,600.-
55.	Trypan Blue	25g x 1	2,300.-	2,300.-
Total		P.O.B. Yokohama		¥942,950.-
				No Commercial Value

Technical Cooperation Project on Animal Health Improvement in Thailand

(Fiscal Year 1978)

SHIPMENT NUMBER	CONVEYANCE		EMBARKED DATE	DISEMBARKED DATE	C.I.F. VALUE		B/L NO.	TOTAL ITEM	MAIN EQUIPMENT AND MATERIALS	REMARKS (ATTACHED INVOICE)	PAGE
	BY SEA	BY AIR			YEN	US\$					
1					31,427				Cost for Extension of insurance period of Equipment and Materials. (Tung Song)		
2	Air	JL 717	1 Nov., '78	1 Nov., '78	213,655		131- 5425-1702	1	Guinea Pig (50)	Attached Invoice	
										1 (FMD)	74
3	-do-	JL 717	11 Nov., '78	11 Nov., '78	2,353,590		131- 5425-2752	1	Bovine Serum		
										2 (FMD)	75
4	-do-	JL 717	6 Dec., '78	6 Dec., '78	206,330		131- 5425-3706	1	Guinea Pig (50)		
										3 (FMD)	76
5	-do-	JL 463	19 Dec., '78	19 Dec., '78	887,236		131- 5435-8651	3	Complement (Guinea Pig), Eagle MEM NO. 90, Eagle MEM NO. 100		
										4 (FMD.DLC)	77
6	-do-	JL 463	19 Dec., '78	19 Dec., '78	2,337,269		131- 5435-8640	27	Complement for Guinea Pig, Toxoplasma Diagnostic Fluorescent Antibody		
										5 (FMD.DLC)	78~79
7	Sea	Jutha Rajata	7 Jan., '79	17 Jan., '79	565,702		YB-6A	3	Direct Reading Analytical Balance, Balance, Automatic Weighing Scale		
										6 (FMD.DLC)	80
8	-do-	-do-	-do-	-do-	29,752,096		YB-6	169	Clean Bench, Steam Sterilizer, Centrifuge, Low Temperature Incubator		
										7 (FMD.DLC)	81-93
9	Air	JL 465	11 Jan., '79	11 Jan., '79	47,045		131-5457 3002	1	Anaplasma Moriginalie Kochinda Strain		
										8 (FMD)	94
10	Sea	Jutha Dhewee	1 Mar., '79	16 Mar., '79	14,403,986		YB-22	17	Hot Air Sterilizer, Magnetic Stirrer, Bottle Washing Machine		
										9 (FMD)	95-97

- Continued -

SHIPMENT NUMBER	CONVEYANCE		EMBARKED DATE	DISEMBARKED DATE	C.I.F. VALUE		B/L NO.	TOTAL ITEM	MAIN EQUIPMENT AND MATERIALS	REMARKS (ATTACHED INVOICE)	PAGE
	BY SEA	BY AIR			YEN	US\$					
11	Air	JL717	4 Apr, '79	4 Apr., '79	126,000			1	Mycoplasma Synoviae 5ml X 20	10 (DLC)	-
12	Air	JL465	-do- 28 Feb., '79	28 Feb., '79	108,939		131-5481 0254	10	Books	11 (DLC)	98
13	Sea	No.3 BINEKA	2 Mar., '79	15 Apr., '79	292,185		15-028	25	Reagent Chemicals	12	99-100
Total					51,325,460 (*51,927,415)			259			

Local Procurement Cost 11,000,000

Grand Total 62,325,460
(*62,927,415)

C. Grant Assistance Programme to FMD Vaccine Production Center

Page 101-
120

JAPAN INTERNATIONAL COOPERATION AGENCY

FMD 1 - 1

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : Department of Technical and Economic
Cooperation, Krung Kasem Road, Bangkok,
Thailand(For Department of Livestock
Development.)

No :

Date : Oct., 26, 1978

Shipping Mark :

Shipped per Air Craft

from Tokyo, Japan

to Bangkok, Thailand.

via Direct

on

D L D



DTEC/PAKCHONG
VIA BANGKOK
C/No. P-1-8


MADE IN JAPAN

SIDE MARK

TECHNICAL COOPERATION TO
THE GOVERNMENT OF THAILAND

TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

Export Licence No

Nos.	Description of Goods	Quantity	Unit Price	Amount
			<u>F.O.B. Japan</u>	
	Guinea Pig	50 pcs		¥150,000.-
		F.O.B. Expansive :		5,975.-
	Eight (8) cases		F.O.B. Japan :	¥155,975.-
			Air Freight :	55,680.-
			Insurance :	2,000.-
	** No commercial value **		C.I.F. Bangkok :	¥213,655.-
	<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>  <p>SHINSAKU HOGEN PRESIDENT</p>			

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

FMD 2 - 1

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : Department of Technical and Economic
Cooperation, Krung Kasem Road, Bangkok,
Thailand, (For Department of Livestock
Development)

No :

Date : Nov., 08, 1978

Shipped per Air Craft

Shipping Mark :

from Tokyo, Japan

to Bangkok, Thailand.

via Direct.

on



SIDE MARK

DTEC/PAKCHON VIA
BANGKOK
C/No. P-1-20
MADE IN JAPAN

TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

Export Licence No

Nos.	Description of Goods	Quantity	Unit Price	Amount
			F.O.B. Japan	
	Bovine Serum. (@500 cc)	200 pcs	@¥10,000.	¥2,000,000.-
	Twenty(20) cases		F.O.B. Expensive :	19,810.-
	** No commercial value **		F.O.B. Japan :	¥2,019,810.-
			Air Freight :	326,130.-
			Insurance :	7,650.-
			C.I.F. Bangkok :	¥2,353,590.-

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

FMD 3 - 1

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : Department of Technical and Economic Corporation. No : _____
Krung Kasen Road, Bangkok, Thailand,
(For Department of Livestock Development) Date : Dec. 02. 1978.

Shipped per Air Craft

Shipping Mark :

D L D



DTEC/PACKCHONG
 VIA BANGKOK
 C/No. P-1-7
 MADE IN JAPAN

SIDE MARK

TECHNICAL COOPERATION
 BY THE GOVERNMENT OF JAPAN


from Tokyo, Japan.

to Bangkok, Thailand

via Direct.

on _____

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
				<u>F.O.B. JAPAN</u>
	GUINEA PIG.	50 Heads.	3,000.-	¥150,000.-
	Seven (7) cases	=====		
	No Commercial Value.	F.O.B. Expensive :		6,680.-
		F.O.B. Japan :		¥156,680.-
		Air Freight :		47,650.-
		Insurance :		2,000.-
		C.I.F. Bangkok :		¥206,330.-
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 P.P. SHINSAKU HOGEN PRESIDENT			

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to Department of Technical and Economic
Cooperation, Krung Kasem Road, Bangkok,
Thailand. (For Department of Livestock
Department).....

No :

Date : Dec., 14, 1978

Shipped per Air Craft.

Shipping Mark :

from Tokyo, Japan.

DLD

to Bangkok, Thailand.



SIDE MARK


TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

via Direct

DTEC/TUNG SONG.PAACHONG
VIA BANGKOK
C/No. T-1. P-1
MADE IN JAPAN

on

Export Licence No

Nos.	Description of Goods	Quantity	Unit Price	Amount
			<u>F.O.B. Japan</u>	
C/No.T-1	Complement (Guinea Pig) 1ml x 10	50 pcs	¥9,350.	¥467,500.-
C/No.P-1	Eagle MEM No.90.	40 "	4,450.	178,000.-
	Eagle MEM No.100	40 "	4,450.	178,000.-
	Total: Two(2) cases	130 pcs		¥823,500.-
	** No commercial value **		F.O.B. Expensive :	6,590.-
			F.O.B Japan :	¥830,090.-
			Air Freight :	54,260.-
			Insurance :	2,886.-
			C.I.F. Bangkok :	¥887,236.-
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 SHINSAKU HOGEN PRESIDENT			

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : Department of Technical and Economic
Cooperation Krung Kasem Road, Bangkok,
Thailand. (For Department of Livestock
Department).

No :

Date : Dec. 14, 1978

Shipping Mark :

Shipped per Air Craft

from Tokyo, Japan

to Bangkok, Thailand.

via Direct.

on

DLD




SIDE MARK

TECHNICAL COOPERATION
OF THE GOVERNMENT OF JAPAN

DTEC/PAKCHONG.TUNG SONG
VIA BANGKOK

C/No. T-1-4.P-1-2.
MADE IN JAPAN

Export Licence No

Nos.	Description of Goods	Quantity	Unit Price	Amount
	Antigen of Brucella Abortus for Agglutination Test, etc.	451 pcs		¥2,231,300.-
	- detail as per attached sheet -	F.O.B. Expensive :		8,000.-
	Six(6) cases	F.O.B. Japan :		¥2,239,300.-
		Air Freight :		90,370.-
		Insurance :		7,599.-
	** No commercial value **	C.I.F. Bangkok :		¥2,337,269.-
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 P.P. SHINSAKU HOGEN PRESIDENT			

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

()

Nos.	Description of Goods	Quantity	Unit Price	Amount
C/No.P-2.	Calf Serum (100ml)	20 pcs	¥3,400.	¥68,000.-
	IgG Fracton Fito Coy Anti-Guinea Pig			
	IgG Serum (2ml)	5 "	14,000;	70,000.-
C/No.P-1	Complement of Guinea Pig (2ml)	400 "	2,500.	1,000,000.-
C/No.T-2.1.	Foetal Calf Serum (400ml)	20 "	20,800.	416,000.-
C/No.T-3	Toxoplasma Diagnostic Fluorescent Antibody	10 "	4,000.	40,000.-
	Anaplasma Moriginalie Kochinda Strain(10ml)	5 "	5,400.	27,000.-
	Newcastle Disease Virus Hemagglutinin(1ml)	50 "	4,000.	200,000.-
	Mycoplasma Gallisepticum Stained Antigen	20 "	3,300.	66,000.-
	Diagnostic Antisera for Salmonella(24 pcs)	1 set		58,000.-
	Foetal Calf Serum (400ml)	4 pcs	20,800.	83,200.-
	Foetal Calf Serum (100ml)	4 "	5,200.	20,800.-
C/No.T-4.	Antigen of Brucella Abortus for Agglutination Test (20ml)	10 "	2,150.	21,500.-
	Antigen of Brucella Abortus for Complement Fixation Test (5ml)	10 "	1,400.	14,000.-
	Iohnes (5ml)	20 "	700.	14,000.-
	Tuberculini (5ml)	20 "	540.	10,800.-
	Hyperinmaunl Serum Against Ronthracis for Ascolis Precipitation Test (0.4ml)	10 "	550.	5,500.-
	Antigen of Salmonella Pullorum for Agglutination Test (5ml)	20 "	300.	6,000.-
	Egumine Paratyhoiud Rapid Agglutination	5 "	3,800.	19,000.-
	Antigen of Vibrio Fetus for Viginal			
	Mucus Agghitination Test (50ml)	5 "	4,300.	21,500.-
	Hogcholera Florescent Antibody Dried(0.5ml)	10 "	3,000.	30,000.-
	Fransmissible Gastroenterites in Swine	10 "	4,000.	40,000.-
Total :	<u>Six(6) cases</u>	<u>658 pcs & 1 set</u>		<u>¥2,231,300.-</u>

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : DEPARTMENT OF TECHNICAL AND ECONOMIC CORPORATION, KEUNG KASEM ROAD, BANGKOK, THAILAND
(FOR DEPARTMENT OF LIVESTOCK DEVELOPMENT) No : _____
Date : January 7, 1979

Shipping Mark :

Shipped per "JUTHA RAJATA"
from Yokohama
to Bangkok
via _____
on January 7, 1979

D L D

D L D

J I C A

J I C A

SIDE MARK

TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

DTEC/TUNGSONG VIA BANGKOK C/NO. TA-1 MADE IN JAPAN
DTEC/PAKCHONG VIA BANGKOK C/NO. PA-1 MADE IN JAPAN

Export Licence No _____

Nos.	Description of Goods	Quantity	Unit Price	Amount
	<u>MEDICAL INSTRUMENTS</u>		<u>NO COMMERCIAL VALUE</u> <u>EX-GODOWN JAPAN</u>	
	Direct Reading Analytical Balance, Model JUPITOR C3-200 Capacity: 200 Gr. Read ability: 0.1 mg.	1 set		¥340,000.-
	Balance, TOP-E Capacity: 200g Readability: 0.1 g	3 pcs.	46,000.-	138,000.-
	Automatic weighing scale weighing Range: 100 kg. Minimum Reading: 200 G.	1 "		64,700.-
	TOTAL:	1 set & 4 pcs.		¥542,700.-
		Shipping Charge		6,020.-
		Ocean Freight		14,081.-
		Insurance Prem.		2,901.-
		<u>C.I.F. BANGKOK</u>		<u>¥565,702.-</u>

JAPAN INTERNATIONAL COOPERATION AGENCY
PP *Shinsuke Goto*
SHINSUKE GOTO
PRESIDENT

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : DEPARTMENT OF TECHNICAL AND ECONOMIC
CORPORATION, KRUNG KASEM ROAD,
BANGKOK, THAILAND
(FOR DEPARTMENT OF LIVESTOCK
DEVELOPMENT)

No :

Date : January 7, 1979

Shipped per "JUTHA RAJATA"

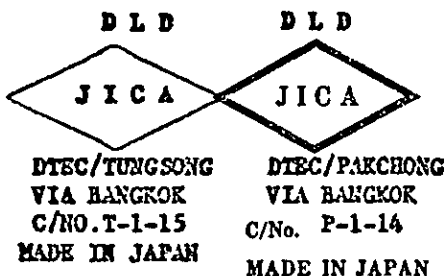
Shipping Mark :

from Yokohama

to Bangkok

via


on January 7, 1979



S I D E M A R K

TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

Export Licence No

Nos.	Description of Goods	Quantity	Unit Price	Amount
	<u>MEDICINE & MEDICAL INSTRUMENTS</u>		<u>NO COMMERCIAL VALUE</u>	
	- Specification as per attached sheet -	837 sets 54,471 pcs 142 box. 30 pairs 102 M. 4,400 sheets 20 rolls & 2 doz		¥27,939,500
		Shipping Charge		299,975
		Ocean Freight		1,367,575
		Insurance Prem.		145,045
		<u>C.I.F. BANGKOK</u>		<u>¥29,752,095</u>
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 P.P. SHINSAKU HOGEN PRESIDENT			

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

PO Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(1)

Nos.	Description of Goods	Quantity	Unit Price	Amount
1	✓ Microscope, Binocular, built in koehler illuminator, Model, BHC-211 (SP) Eyepieces: Bk 5x, BHERWF 10x, 2 ea. Objectives: Plan 4x, 10x, 20x, 40x, 100x Condenser: Abbe type with standard accessories and container box	1 set		304,000.-
2	✓ Microscope, for field use portable type, Battery Illuminated, Model, H. Eye piece: WF 10x Objective: 4x, 10x, 40x, 100x Abbe type condenser with neck strap and carrying case	1 "		142,000.-
3	✓ Stereo Microscope, Trinocular tubes, Model X-TR, Drum revolving type Objective: 1x Eyepieces: G10x, G20x, Photographic Lens: P10x Magnification Ratio: 6.3x80x Base: Transmitted light illuminator stage with 220V. 20W. bulb and handrest with standard accessories: epi-illuminator Model LSD with Transformer Model TR-2	1 "		210,000.-
4	✓ Zoom Stereo Microscope, Model SMZ-2 Eyepieces: 10x, 15x, 2 ea. Objectives: Zoom 0.8 - 4x with container box	1 "		131,000.-
5	✓ Inverted Microscope, Trinocular, Model CKP-Tr-2 with phase-contrast system, Eye pieces: Bk 10x, (2) FK 3.3x Objectives: 4x, 10x, 20x Objectives for phase-contrast: 10x, 20x stage: Rectangular plane stage with handrest with standard accessories and container box.	1 "		231,000.-
8	✓ Automatic Colony Counter	1 "		96,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(2)

Nos.	Description of Goods	Quantity	Unit Price	Amount
9	✓ Phase-Contrast Microscopic Apparatus, Model EH-PC-PB-PLL with 4 objectives	1 set		95,000.-
10	✓ Incubator, Electric, Two-Doors, with stand consumption: 400W. with Thermo-Regulator	1 "		404,000.-
11	✓ EGG Incubator, Model F-05 with transformer	1 "		392,000.-
12	✓ Egg Shell Hole Apparatus, Leutor Model LH-6, Electromotive with Flexible shaft	1 "		155,000.-
13	✓ Clean Bench, Model CV-21 with propane gas burner with 10 spare UV lamp	1 "		1,748,000.-
14	✓ Low Speed Refrigerated Centrifuge, Model CD-100R Capacity: 15 ml x 32 pcs. 50 ml x 4 " with bucket holder and biance	1 "		590,000.-
15	✓ Centrifuge, Portable type, Model OD-50SR 0 - 4,000 r.p.m. Capacity: 15ml x 24 pcs. 50 ml x 4 " Accessories, Tube Rack Bucket holder Balance	2 "	239,000.-	478,000.-
16	✓ Homogenizer, Model 1000A with Foot Switch with Rotation Meter	1 "		92,000.-
17	✓ Automatic Disinfection Spray, Model MS-40ZSR, w/castor Capacity: 52L/min., Pressure: 40 Kg. gasoline engine, 7 H P. with spray hose 13m x 100m.	2 "	262,000.-	524,000.-
19	✓ Electric Saw, Model No.810 for Dissecting Big Animals w/blade	1 "		120,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(3)

Nos.	Description of Goods	Quantity	Unit Price	Amount
20	✓ Thermostatic Bath, Model TR-900-L Made of Stainless steel w/thermoregulator heater: 900 W. and 300W.	2 sets	74,000.-	148,000.-
23	✓ CO2 Gas Cylinder, for CO2 Incubator weight: 30 kgs.(empty)	1 pc		41,000.-
24	✓ CO2 Gas Regulator, Model 1006-E for CO2 Incubator	1 set		28,500.-
26	✓ Magnetic Stirrer, MS-16B	3 "	8,100.-	24,300.-
27	✓ Automatic Mixer, Model VM-10 Vibration Method	2 "	26,500.-	53,000.-
28	✓ Microtray Mixer Mixer for Microtray, Horizontal Vibration type	2 "	39,000.-	78,000.-
29	✓ Vacuum Ccuturing Jar Anaerobic Germ, Model JK-1 Negative pressur: 600 mm/Hg. Dimension: 220 x 260 mm	5 "	58,000.-	290,000.-
30	✓ Microtyter system,	1 "		283,000.-
31	✓ Millipore Filtering unit for sterilization Receiver flask, polycarbonate Filter holder φ 47m/m SX-0004700 φ 25m/m SX-0002500 φ 13m/m SX-0001300	1 pc 1 " 1 " 1 "		9,600.- 29,100.- 11,100.- 5,500.-
32	✓ Boiling Sterilizer, only container, 50 x 18 FL-34-1 36 x 18 FL-34-2 30 x 15 FL-34-3 24 x 12 FL-34-4	5 " 5 " 10 " 10 "	33,600.- 26,200.- 23,800.- 20,500.-	168,000.- 131,000.- 238,000.- 205,000.-
33	✓ Tonsil Tissue Collecting Instrument for Pig, Model FM-85	1 set		21,000.-
34	✓ Test Tube Stand, s.s., for 100 pcs. test tubes 18 x 100 20 m/m 12 x 100 14 m/m	20 pcs. 20 "	2,450.- 2,350.-	49,000.- 47,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(4)

Nos.	Description of Goods	Quantity	Unit Price	Amount
35	Wire Basket, s.s. Rectangular type			
	45 x 24 x 20 GA-65	10 pcs.	8,250.-	82,500.-
	24 x 24 x 20 GA-58	10 "	5,600.-	56,000.-
	Round Type,			
	640 x 28 (H) GAR-40	10 "	11,200.-	112,000.-
	632 x 28 (H) GAR-32	10 "	7,950.-	79,500.-
36	Sterilizer box, s.s.			
	12.5 x 40.0 x 7.5 cm. GB-125	10 "	12,700.-	127,000.-
	20 x 10 x 10 GB-02	10 "	5,100.-	51,000.-
	24 x 24 x 20 GB-08	10 "	22,950.-	229,500.-
	48 x 25 x 22 GB-04	10 "	19,900.-	199,000.-
37	Hose Holder, FH-164	10 "	1,100.-	11,000.-
38	Hog Holder, wire type, Model FH-131	10 "	2,850.-	28,500.-
39	Reagent Bottle, glass, amber, narrow mouth,			
	#8802 60 ml.	50 "	270.-	13,500.-
	120 ml.	50 "	310.-	15,500.-
	250 ml.	50 "	360.-	18,000.-
	500 ml.	50 "	450.-	22,500.-
	1,000 ml.	20 "	720.-	14,400.-
40	Test Tubes for agglutination test			
	13 x 100 mm for bacteria culture,	2,000 "	27.-	54,000.-
	13 x 100 mm for Tissue Culture,	2,000 "	27.-	54,000.-
	13 x 100 mm	1,000 "	27.-	27,000.-
41	Desiccator, glass, amber, 30 cm. dia. No.8872 transparent, 30 cm. dia.	10 "	29,000.-	290,000.-
	No. 8871	10 "	23,000.-	230,000.-
42	Mortar, porcelain, No. 4502, 90 m/m dia.	50 "	215.-	10,750.-
	= 120 m/m dia.	50 "	440.-	20,000.-
43	Centrifuge Tube, glass, 10 ml. No. 8991	100 "	72.-	7,200.-
	50 ml. No. 8992	50 "	800.-	40,000.-
44	Graduated Cylinder, No. 2351			
	20 ml.	20 "	800.-	16,000.-
	50 ml.	20 "	1,100.-	22,000.-
	100 ml.	20 "	1,250.-	25,000.-
	200 ml.	20 "	1,500.-	30,000.-
	500 ml.	20 "	2,900.-	58,000.-
	1,000 ml.	20 "	6,370.-	127,400.-

JAPAN INTERNATIONAL COOPERATION AGENCY
P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(5)

Nos.	Description of Goods	Quantity	Unit Price	Amount
45	Beaker, glass, No. 8501			
	50 ml.	100 pcs.	130.-	13,000.-
	100 ml.	100 "	135.-	13,500.-
	200 ml.	100 "	152.-	15,200.-
	500 ml.	100 "	275.-	27,500.-
46	Beaker, polyethylene, with handle, 3,000 ml. No. 7411-B	10 "	450.-	4,500.-
47	Petri Dish, polyethylene, sterilized, dia. 90 x 15 mm	5,000 "	26.-	130,000.-
48	Reagent Bottle, glass, wide mouth, amber, 60 ml	50 "	290.-	14,500.-
	120 ml.	50 "	360.-	18,000.-
	250 ml.	50 "	395.-	19,250.-
	500 ml.	50 "	540.-	27,000.-
	1,000 ml.	20 "	820.-	16,400.-
49	Measuring Pipette, glass, full graduation			
	0.2 ml. 2011	100 "	680.-	68,000.-
	0.5 ml. "	500 "	440.-	220,000.-
	1.0 ml. "	500 "	256.-	128,000.-
	interim graduation			
	2.0 ml. 2010	100 "	264.-	26,400.-
	5.0 ml. "	100 "	336.-	33,600.-
10.0 ml. "	100 "	424.-	42,400.-	
20.0 ml. "	100 "	890.-	89,000.-	
50	Moulton Cap, for test tube, 13 mm	2,000 "	150.-	300,000.-
51	Hillipore Membrane Filter, ø 47mm Pore 0.1 VCWFO size 4700	2 boxes	18,900.-	37,800.-
	0.2 GSIF 04700	2 "	12,000.-	24,000.-
	0.45 HAMP 04700	2 "	12,000.-	24,000.-
	- do -, prefilter (ø 42mm) AP2004200	2 "	2,000.-	4,000.-
52	- do -, ø 25mm, Pore VCWTF Size 0.1 02500	2 "	15,600.-	31,200.-
	0.45 HAMP 02500	2 "	7,900.-	15,800.-
52	Prefilter AP2000 2200	2 "	2,000.-	4,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(6)

Nos.	Description of Goods	Quantity	Unit Price	Amount
53	Millipore Membrane Filter, φ132mm Pore VCSP size, 0.1 01300	2 boxes	12,200.-	24,400.-
	" 0.45 HAWP 01300	2 "	7,350.-	14,700.-
	- do -, frefilter AP200 1000	2 "	2,000.-	4,000.-
54	PH Test Paper, 1 set of 8 kinds of papers (PH 0.4 - 13.6)	10 "	860.-	8,600.-
55	PH Test paper, Roll type, PH Range 0-14	10 "	400.-	4,000.-
56	Filter paper, for qualitative analysis, No.2 φ 5.5 cm.	10 "	120.-	1,200.-
	9.0 "	10 "	200.-	2,000.-
	11.0 "	10 "	240.-	2,400.-
	15.0 "	10 "	440.-	4,400.-
	24.0 "	10 "	920.-	9,200.-
57	Filter Paper, for qualitative analysis, No.1 φ11.0 cm.	5 "	220.-	1,100.-
	18.5 cm.	5 "	550.-	2,750.-
58	Scissors, straight, s.s.	20 pcs.	2,300.-	46,000.-
59	Scissors, for eye surgery, straight, stainless steel	20 "	1,320.-	26,400.-
60	Dressing forceps, with teeth stainless steel, 15 cm.	20 "	760.-	15,200.-
61	Washing Brush, for pipette, No.7292	50 "	40.-	2,000.-
	for flask No.7292A	20 "	140.-	2,800.-
	- do -, No.7292B	20 "	120.-	2,400.-
	- do -, No.7293C	20 "	74.-	1,440.-
	for Test tube, Medium No.7294B	100 "	40.-	4,000.-
	small No.7294C	100 "	40.-	4,000.-
62	Gown, white, cotton-polyester mixes, single, large	20 "	3,500.-	70,000.-
	medium	20 "	3,500.-	70,000.-
	small	20 "	3,500.-	70,000.-
63	Spoons, set of 3 sizes S.H.&S	20 sets	200.-	4,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(7)

Nos.	Description of Goods	Quantity	Unit Price	Amount
64	Files, set of 3, No. 7298	10 sets	1,600.-	16,000.-
65	Blood Collecting Needle, FJ-166 disposable, for Cow	1,000 pcs.	46.-	46,000.-
66	Wire Mesh, stainless steel, 1 m. wide, 50 mesh	2 m.	7,150.-	14,300.-
67	Twin Rubber Bulb, No.6	5 pcs.	1,100.-	5,500.-
68	Saffy Pipetter Bulb, rubber, S type	5 "	1,100.-	5,500.-
69	Cotton Applicator Stick, disposable, sterilized	1,000 "	15.-	15,000.-
70	Alcohol Lamp, Metal	10 "	1,320.-	13,200.-
71	Boots, white, size, 25, 26, 27 cm. each 10 pair	30 pairs	2,750.-	82,500.-
72	Gloves, heat resistant, asbestos with aluminum	5 pcs.	3,750.-	18,750.-
73	Long Gloves, Acid-resistance for chromic acid mixture	20 sets	7,150.-	143,000.-
138	Carburetor for MITSUBISHI T-206	1 pc		39,800.-
139	Loud Speaker set for Automobile, 15W trumpet, speaker (CY-212SD) Microphone.(CY-23FD) Car Amplifier (CB-36FD)	1 pc 1 " 1 "	2 sets 55,000.-	110,000.-
140	Weighing Tape for Cow (Japanese)	1 pc.		1,550.-
1	Steam Sterilizer, SB-30WB	3 "	458,160.-	1,374,480.-
2	Projector, HP-3300 220V. Lens: F 330 m/m Stage: 25 x 25 cm Lamp : 650 W	1 "		77,500.-
3	Automatic Balance Recorder, PGY6HYZ1-OYTO PT thermister, RX-P100-310-B3100-03D 6 pcs. Silicom read 4,000 m/m	1 set		405,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(8)

Nos.	Description of Goods	Quantity	Unit Price	Amount
5	Centrifuge, CD50-SR 0-4,000 r.p.m. Capacity: 15 ml x 24 pcs. 50 ml x 4 " acc. Tube rack Bucket holder Balance	1 pc		239,000.
6	Centrifuge, CD70-SR with balance, 220V.	2 "	386,000.-	772,000.
8	Hot-Air Sterilizer	1 "		455,000.
9	Stirrer, stirring bar, for 1 or 7 litre glass cultuer chamber for 1 litre 7 litre	10 pcs. 5 " 5 "	33,600.-	336,000.
10	Gas mask, GM-14	4 "	1,800.-	7,200.
11	Drying Machine, BS-3	1 pc		62,700.
12	Refrigerator, R-335H 280 Litre, 2 door, 220V.	2 "	188,700.-	377,400.
13	Thermostatic Bath, ET-45P with spare heater	1 "		217,000.
14	Magnetic Stirrer with thermo-regulator,	2 "	86,500.-	173,000.
17	Magnetic Stirrer, with portation water,	4 "	60,000.-	240,000.
18	Low Temperature Incubator	1 "		999,000.
19	Vacuum pump. S-20	1 "		47,000.
20	Acc. for above,	3 sets	15,300.-	46,500.
24	Tape-writer, 1620 H w/Tape 10 pcs.	1 "		6,750.
26	Filter Holder, SM-165-10	5 pcs.	10,000.-	50,000.
27	Centrifuge Rotor, CD-60R for Microplated 4 pcs. vertical type	1 "		127,000.
28	Continuous Injection Pump, JS-2 0.5 - 2 ml. w/spare parts	10 sets	15,300.-	153,000.
29	Cover glass, 12x32mm	1,000 pcs.	4.80	4,800.

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(9)

Nos.	Description of Goods	Quantity	Unit Price	Amount
30	Cover, 18 x 18 m/m	500 pcs.	2.60	1,300.-
31	- do -, 18 x 24 m/m	500 "	5.20	2,600.-
32	Glass Bottle with screw cap, 3ml	300 "	48.-	14,400.-
33	- do -, 5 ml.	300 "	52.-	15,600.-
	Rubber Goods			
34	Silicone Rubber stopper for culturings No. 1	1,000 "	40.-	40,000.-
35	- do -, No. 2	1,300 "	50.-	15,000.-
36	- do - No. 5	300 "	65.-	19,500.-
37	- do -, No. 6	100 "	80.-	8,000.-
38	Silicone sponge stopper, T-12	500 "	140.-	70,000.-
39	- do -, L-17	500 "	150.-	75,000.-
40	Silicone Sponge Stopper, L-22	500 "	175.-	87,500.-
41	- do -, T-32	300 "	365.-	109,500.-
42	Silicone Tube, 6 x 8 m/m	50 m.	450.-	22,500.-
43	- do - 6 x 14 m/m	50 "	2,400.-	120,000.-
44	Pressure Rubber hose, 6x13 m/m 10 m.	5 pcs.	6,200.-	31,000.-
45	Micro Plate, Rigid U type 12 x 8 hold 50 pcs/box	8 boxes	17,350.-	138,800.-
46	- do -, Rigid flat type	8 "	34,450.-	275,600.-
47	Dilutor for above 0.025 ml. 12 pcs./box	5 "	24,500.-	122,500.-
48	- do -, 0.05 ml.	5 "	24,500.-	122,500.-
49	Tip for Micro-Pipette 250 pcs./box	2 "	5,100.-	10,200.-
50	Dropper for Micro titer 0.025 ml. 6 pcs/box	5 "	19,000.-	95,000.-
51	- do -, 0.05 ml.	5 "	19,000.-	95,000.-
52	Micro pipette, 25-III	2 pcs.	20,600.-	41,200.-
53	Transfer plate, 50 pcs/box	4 boxes	35,700.-	142,800.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(10)

Nos.	Description of Goods	Quantity	Unit Price	Amount
55	Filter holder, 447-50 m/m	5 pcs.	19,400.-	97,000.-
56	Petri Dish for Tissue culture, plastic 60 ϕ x 15 m/m	1,000 "	60.-	60,000.-
57	Reagent Bottle, 120 m.	500 "	250.-	125,000.-
58	Bottle with Rubber stopper & aluminium cap			
	20 ml.	500 "	58.-	29,000.-
	- do -, 10 ml.	500 "	54.-	27,000.-
	- do -, 5 ml.	500 "	50.-	25,000.-
	- do -, 3 ml.	500 "	44.-	22,000.-
59	Glass Bottle, 10 litre	50 "	8,700.-	435,000.-
60	Vaccination Bottle, 100 ml	7,000 "	30.-	210,000.-
	- do -, 600 ml.	1,000 "	57.-	57,000.-
62	Cap for above, 100 ml.	7,000 "	3.-	21,000.-
	- do -, 600 ml	1,000 "	4.50	4,500.-
63	Cage for Guinea pig	30 "	15,500.-	465,000.-
64	Parchment paper	1,000 sheets	32.-	32,000.-
65	Cellophane paper	3,000 "	36.-	108,000.-
86	Stirring Bar, for Magnetic stirrer, Teflon covered 28 x 9, 7578 2A	30 pcs.	570.-	17,100.-
87	- do -, 7578 4A, 36 x 11	30 "	680.-	20,400.-
88	- do -, 7578 4A	30 "	780.-	23,400.-
89	Sterilizing Indicator, glass bar type w/thread	1,000 "	82.-	82,000.-
90	- do -, Autoclave tape, 20 x 13 m.	20 roll	500.-	10,000.-
91	- do -, bag type, large, HM-53	200 sheets	98.-	19,600.-
92	- do -, bag, small	200 "	60.-	12,000.-
93	Mercury Thermometer, 0 - 360 $^{\circ}$	5 pcs.	3,600.-	18,000.-
94	- do -, 0 - 360 $^{\circ}$	5 "	8,000.-	40,000.-
96	File, No.7252, L.M. & S each 2 pcs.	6 "	400.-	2,400.-
97	Ice Box	150 "	2,550.-	382,500.-
98	Spare parts for Water Purify apparatus, w/plastic stop cock	1 set		34,700.-
	float	3 pcs.		
	float	10 "		
	gasket	20 "		
	Gauge tube	2 "		

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(11)

Nos.	Description of Goods	Quantity	Unit Price	Amount
61	Rubber stopper for Vaccination Bottle for 100 ml	7,000 pcs.	5.-	35,000.-
	600 ml	1,000 "	12.50	12,500.-
99	PH combination electrode type M-170 (=6024)	6 "	29,000.-	174,000.-
	Holder head of PH electrode holder	2 sets	8,000.-	16,000.-
	Packing set of PH electrode holder	4 "	1,170.-	4,680.-
	Rubber gasket of PH electrode holder	20 pcs.	205.-	4,100.-
	O-ring (17/116) of PH electrode holder	20 "	325.-	6,500.-
100	PH amplifier Unit	2 sets	112,500.-	225,000.-
102	D.O. electrode	2 pcs.	112,500.-	225,000.-
	Packing set of D.O. electrode	4 sets	660.-	2,640.-
	Silicone sleeve of D.O. electrode	10 pcs.	1,100.-	11,000.-
103	O-ring of Steam filter	5 "	1,320.-	6,600.-
104	FVA filter element type M-40	2 "	14,800.-	29,600.-
105	Air flow meter glass tube 0.2 - 200 ml/min	1 "		19,600.-
106	Needle valve 1/4B SUS	10 "	10,600.-	106,000.-
	Needle of needle valve 1/4B	30 "	1,220.-	36,600.-
	Packings of needle valve 1/4B	50 sets	326.-	16,300.-
	O-ring of needle valve 1/4B	400 "	122.-	48,800.-
107	Ball valve 1/4B SUS	10 pcs.	10,600.-	106,000.-
	Packings of ball valve 1/4B	50 sets	660.-	33,000.-
	O-rings of ball valve 1/4B	200 "	174.-	34,800.-
108	Packing of gas mixing pot	5 pcs.	306.-	1,530.-
	Packing of inoculation port	10 "	205.-	2,050.-
109	Teflon seal tape, 5 m.	2 doz.	3,250.-	6,500.-
110	Electric Light bulb 12V. 35W.	5 pcs.	530.-	2,650.-
	Lamp of brighting of push-button switch	5 "	336.-	1,680.-
	Pilot Lamp	5 "	2,450.-	12,250.-
111	PH Electrode with Holder Electrode: combination type M-170 Holder: made of stainless steel (type SUS-316) with pressure gauge and etc.	4 sets	102,000.-	408,000.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(12)

Nos.	Description of Goods	Quantity	Unit Price	Amount
112	B.O. Electrode with Accessories and Cap-nut	4 sets	117,000.-	468,000.-
113	Filtering Apparatus, 293 m/m w/3 pcs. support & screen	1 pc		428,000.-
	<u>MEDICINE</u>			
	POLYMYXIN-B, 500,000 unit 1 vials	10 pcs.	1,200.-	12,000.-
	ACHRONYCIN 25 Gm	2 "	7,500.-	15,000.-
	INOUE'S CAPSEAL 500 Gm	10 "	1,200.-	12,000.-
	FLUID THIOGLYCOLLATE MEDIUM 300 Gm	20 "	5,400.-	108,000.-
	KANAMYCIN SULFATE 10 vials	30 "	3,500.-	105,000.-
	NECADOX-10 20 kg	10 "	24,000.-	240,000.-
	TERRAMYCIN 100 mlA	100 "	1,700.-	170,000.-
	DAINETON 100 ml x 5A	20 "	2,000.-	40,000.-
	RIPERCOL-L 500 Gm	100 "	13,900.-	1,390,000.-
	ACEDIST 250 TAB	40 "	2,600.-	104,000.-
	DEBARASIN-30 500 g	50 "	11,000.-	550,000.-
	BITEN. 500 g	50 "	4,100.-	205,000.-
	CAFFEINE AND SODIUM BENZOATE 10 ml x 10A	500 "	330.-	165,000.-
	LUTEOGEN-E 5 ml x 5A	20 "	2,900.-	58,000.-
	PACOMA 18 L	6 "	9,700.-	58,200.-
	CLEANUP 10 L	10 "	9,900.-	99,000.-
	TOTAL:	837 sets 54,471 pcs 142 box. 30 pairs 102 K. 4,400 sheets 20 rolls 2 doz		¥27,939,500.-
		Shipping Charge		299,975.-
		Ocean Freight		1,367,575.-
		Insurance Prem.		145,044.-
		C.I.F. BANGKOK		¥29,752,094.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : Department of Technical and Economic
COOPERATION, Krung Kasem Road Bangkok
Thailand. (For Department of Livestock
Development)

No :

Date : Jan..08.1979.

Shipped per Air Craft

Shipping Mark :

from Tokyo, Japan.

to Bangkok, Thailand.

via Direct.

on

D L D




SIDE MARK

TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

DTEC/PAKCHONG
VIA BANGKOK
C/No. P-1
MADE IN JAPAN

Export Licence No

Nos.	Description of Goods	Quantity	Unit Price	Amount
	Anaplasma Morigaliae Kochinda Strain. (10 ml)	5 pcs	@¥5,400.	¥27,000.-
	One(1) cartons			
	** No commercial value **			
			F.O.B Japan	
			F.O.B.Expensive :	12,735.-
			F.O.B.Japan :	¥39,735.-
			Air Freight :	5,310.-
			Insurance :	2,000.-
			C.I.F.Bangkok :	¥47,045.-
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 P.P SHINSAKU HIGUCHI PRESIDENT			

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

I N V O I C E

Consigned to : DEPARTMENT OF TECHNICAL AND ECONOMIC
CORPORATION, KRUNG KASEM ROAD
BANGKOK, THAILAND
... (FOR DEPARTMENT OF LIVESTOCK
DEVELOPMENT)

No :

Date : March 1, 1979

Shipped per "JUTHA DHEWEE"

Shipping Mark :

from Yokohama

to Bangkok

via

on March 1, 1979

D L D



DTEC/PAKCHONG
VIA BANGKOK
C/NO.P-1-9
MADE IN JAPAN

D L D



DTEC/TUNGSONG
VIA BANGKOK
C/No. T-1-2
MADE IN JAPAN

SIDE MARK

TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

Export Licence No

Nos.	Description of Goods	Quantity	Unit Price	Amount
	<u>MEDICAL INSTRUMENTS</u>		<u>NO COMMERCIAL VALUE</u> <u>EX-GODOWN JAPAN</u>	
	- Specification as per attached sheet -	4,008 pcs 7 sets & 5 boxes		¥13,749,000.
		Shipping Charge		122,600.
		Ocean Freight		451,363.
		Insurance Prem.		81,023.
		C.I.F. BANGKOK		¥14,403,986.
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	<u>V.P.</u> SHINSAKI BOGEN PRESIDENT			

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(1)

Nos.	Description of Goods	Quantity	Unit Price	Amount
ITEM NO.				
18	Hot-Air Drier, Model DS-62 Temperature adjustable with thermostat, w/transformer	1 set		¥220,000.-
21	Handy Aspirator, Model WP-33 Portable type, with castor, 360 ϕ x 480 H m/m exhaust capacity: 4-5L/Min. w/Transformer	2 "	@¥97,000.-	194,000.-
22	Vacuum Pump, Model PS-05 Exhaust Capacity: 5L/min. Rotation: 1,400 r.p.m. with transformer	1 "		39,000.-
25	Magnetic Stirrer, Model M-41	2 "	25,500.-	51,000.-
26	Spectrophotometer, Model 100-21 Glass Cell: 5mm, 10mm len. Photo beam: UV-vis. with Digital Printer, with Sample Sipper	1 "		1,675,000.-
16	Bottle Washing Machine, JBB w/500ml. or 100ml. w/Air filter with compessor	1 pc		4,810,000.-
25	Voltage Regulator SVC-5,000 NX, 5 KVA	1 "		220,000.-
15	Clean Bench, CCV-1300EC with Transformer	1 "		2,157,000.-
29	Glass Bottle, 5 liter	500 "	5,870.-	2,935,000.-
21	Conduction Meter, CM-5B	1 "		213,000.-
22	Motor, DBK-4P-3.7 Kw 380/220V/50Hz. 112M 3 phase	1 "		48,000.-
22	Motor, VBK-10P-3.7 Kw 160M	1 "		258,000.-
21	Motor, DBK-8P-1.5Kw	1 "		53,000.-
21	Transfer Plate box	5 boxes	11,100.-	55,500.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(2)

Nos.	Description of Goods	Quantity	Unit Price	Amount
<u>ITEM NO</u>				
65	Celophane paper	2,000 pcs	@¥ 36.-	¥72,000.-
101	PH Maplifier Checker, Model PC-3D	1 "		133,500.-
95	Container for field Use	1,500 "	410.-	615,000.-
	TOTAL:	4,008 pcs 7 sets 5 boxes		¥13,749,000.-
			Shipping Charge Ocean Freight Insurance Prem.	122,600.- 451,363.- 81,023.-
			C.I.F. BANGKOK	¥14,603,986.-

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : Department of Technical and Economic
Cooperation, Krung Kasem Road, Bangkok,
Thailand (For Department of Livestock
Development) No :

Date : Feb. 10, 1979.

Shipping Mark :

Shipped per Air Craft

from Tokyo, Japan.....

to Bangkok, Thailand.....

via Direct.....

on

SIDE MARK


TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

DTEC/TUNGSONG VIA BANGKOK

C/No. T-1

MADE IN JAPAN

Export Licence No

Nos.	Description of Goods	Quantity	Unit Price	Amount
	Book	10 vols	<u>F.O.B. Japan</u>	¥86,634.-
			F.O.B. Expensive :	9,935.-
	One(1) carton		F.O.B. Japan "	¥96,569.-
			Air Freight :	10,370.-
			Insurance :	2,000.-
	** NO commercial value **		C.I.F. Bangkok :	¥108,939.-
	JAPAN INTERNATIONAL COOPERATION AGENCY			
	 SHINSAKU HOGEN PRESIDENT			

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O.Box 216, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

INVOICE

Consigned to : DEPARTMENT OF TECHNICAL AND ECONOMIC
COOPERATION, KRUNG KASEN ROAD,
BANGKOK, THAILAND

No : **KC746**

Date : **MAR 2 1979**

Shipped per **"No. 3 BINOKA"**

Shipping Mark :

from **Yokohama**

to **Bangkok, Thailand**

via _____

on **FEB 24 1979**

Export Licence No _____

D L D
J I C A
DTEC/PAKCHONG
VIA BANGKOK
C/No. P-1-3
MADE IN JAPAN

D L D
J I C A
DTEC/TUNGSONG
VIA BANGKOK
C/No. T-1-6
MADE IN JAPAN

SIDE MARK
TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

Nos.	Description of Goods	Quantity	Unit Price	Amount
	<u>Reagent Chemicals</u>		<u>No Commercial Value</u>	
			Total Amount	
			F.O.B. Yokohama	¥265,720.
			Ocean Freight	24,465.
			Insurance Premium	2,000.
			Total C.I.F. Bangkok	¥292,185.
	JAPAN INTERNATIONAL COOPERATION AGENCY <i>S. Hogen</i> P.P. SHINSAKU HOGEN PRESIDENT			
	- Details as per attached sheet -			

E.&O.E

JAPAN INTERNATIONAL COOPERATION AGENCY

P.O. Box 218, Mitsui Bldg., Shinjuku-ku, Tokyo, Japan.

(1.)

Nos.	Description of Goods		Quantity	Unit Price	Amount
7-1-92.	Glensa, powder	Merck.	25g x 1	¥5,820.-	¥5,820.-
93.	Phosphate Buffer PH 6.8		10pack x 2	2,690.-	5,380.-
94.	" " PH 7.0		" x 2	2,690.-	5,380.-
95.	" " PH 7.2		" x 2	2,690.-	5,380.-
96.	Potassium Phosphate, Dibasic	G.R.	500g x 5	1,420.-	7,100.-
97.	Sodium Phosphate, Dibasic Anhyd.	G.R.	500g x 5	2,040.-	10,200.-
98.	Sodium Phosphate 12H ₂ O	G.R.	500g x 5	1,390.-	6,950.-
99.	Glycerin	G.R.	500g x 5	1,540.-	7,700.-
100.	Chloroform	G.R.	500g x 5	1,490.-	7,450.-
103.	Acetic Acid	G.R.	500g x 5	1,100.-	5,500.-
104.	Cupric Sulfate Anhyd.	G.R.	500g x 10	2,740.-	27,400.-
105.	Paraffin Liquid		500g x 20	1,110.-	22,200.-
106.	Paraformaldehyde	E.P.	250g x 2	1,275.-	2,550.-
107.	Salicin	G.B.	1g x 10	2,675.-	26,750.-
108.	Trehalose	G.B.	1g x 10	1,620.-	16,200.-
110.	Silica gel white, Mid.		500g x 10	1,240.-	12,400.-
P-1-94.	Cesium Chloride	G.B.	25g x 5	6,310.-	31,550.-
95.	1,1,2-Trichloro-1,2,2,-Trifluoroethane		500g x 3	2,570.-	7,710.-
96.	Sodium Carboxy methyl cellulose		500g x 4	1,590.-	6,360.-
104.	Quartz Sand		500g x 5	980.-	4,900.-
91.	Barbituric Acid	G.R.	25g x 4	2,100.-	8,400.-
92.	Sodium Diethylbarbiturate	G.R.	500g x 1	5,920.-	5,920.-
97.	E.D.T.A. 2Na	G.R.	25g x 5	1,080.-	5,400.-
98.	Dimethyl Sulfoxide	Merck.	500ml x 2	7,820.-	15,640.-
103.	Silicon KM-72		1kg x 2	2,740.-	5,480.-
Total			P.O.B.	Yokohama	¥265,720.-

C. Grant Assistance Programme to FMD Vaccine Production Center

APPENDIX

(LIST A)

IMPORTED PRODUCTION FACILITIES

(REVISED)

Specification Sheets
for
The Foot and Mouth Disease Vaccine
Production Center of Thailand

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
1.	Boiler, Fuji Model FCB-300 Continuous steam generating capacity: 300 kg/H Steam pressure : 7 kg/cm ² G Steam temperature : 170 ^o C Power consumption : 1.15 KVA Main Steam valve : 32A With Service Tank With Standard Accessories	1 set		¥3,450,000.-
2.	Heat Exchanger, APV Model HXD-5 Cooling cap. : 1,000 l/h by two step cooling Inlet temp. : 80 ^o C approx. Outlet temp. : 20 ^o C approx. First step : Cooling water 25 ^o C, 5,000 l/h Second step : chilled water 2,000 l/h at 1.5 ^o C	1 set		¥1,950,000.-
3.	Chiller, Hitachi Model RCU-752E Cooling capacity : 16,000 KCal/h. Water volume : 4.71 M ³ /h. Condenser Water Volume : 2.6 M ³ /h. Compressor : 752EH3, 5.5 KW Closed type	1 set		¥1,600,000.-
4.	Centrifuge, Tomy Seiko Model RS18GS Max. Revolution : 18,000 r.p.m. Revolution accuracy : ±2% Refrigerator : Totally closed, 750W Chamber : All stainless, closed method Temp. controller : Electronic automatic controller (Accuracy : ±1 ^o C) Motor : DC 2.0 KVA Overall dimensions : 1,140(W) x 740(D) x 990(H) mm Special made With Standard Accessories	2 sets	¥3,940,000.-	¥7,880,000.-
5.	Air Compressor, Hitachi Model SOP-7S Max. pressure : 7 kg/cm ² Revolution : 1,445 r.p.m. Output air capacity : 45 l/min. Air bath capacity : 38 L	3 sets	¥195,000.-	¥585,000.-

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
6.	Air Compressor, Hitachi Model OBU-7TL Max. Pressure : 7 kg/cm ² Revolution : 510 r.p.m. Output air capacity : 220 l/min. Air bath capacity : 150 l/min.	1 set		¥430,000.-
7.	Pressure Tank, SUS-304, Sanko Model S-1000 Capacity : 1,000 L Dimensions : 1,050 x 1,400(H) Pressure 1.2 kg/cm ² Special made	1 set		¥1,920,000.-
8.	Pressure Tank, SUS-304, Sanko Model S-100 Capacity : 100 L Dimensions : 450 x 750 Pressure : 1.2 kg/cm ² Special made	1 set		¥690,000.-
9.	Pressure Tank, SUS-304, Sanko Model S-40 Capacity : 50 L Dimensions : 350 x 550 Pressure : 1.2 kg/cm ² Special made	1 set		¥180,000.-
10.	Dissolution Tank, Sanko Model ST-100 Capacity : 100 L Special made Dimensions : 450 x 750(H) mm Material : SUS-304	2 sets	¥1,350,000.-	¥2,700,000.-
11.	Direct Reading Balance Sauter Model MM-160 Capacity : 160 g Readability : 0.001 g Tearing range : 10 g With Standard Accessories	1 set		¥495,000.-
12.	Filter, sterilizing, Sanko Model TS-600L Overall dimensions : 450 x 600 x 500 mm Filter Size : 300 mm ϕ x 13 volumes with pressure gage Special made	4 sets	¥3,350,000.-	¥13,400,000.-

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
13.	Timer, portable type, Seiko Model S-60 (Swan type) Setting time: 60 sec.	1 pc		¥7,000.-
14.	Vacuum Cleaner, Hitachi Model CV-90 Capacity : 7 L. Air volume : 6 M ³ /min. Ultimate vacuum : 1,200 Aq Power consumption : 620W	1 set		¥31,000.-
15.	Tank (Small size) Sanko Model S-50 Capacity : 50 L, Special made Material : SUS-304 Plate Thickness : 1.6 mm	80 pcs.	¥156,000.-	¥12,480,000.-
16.	Dispenser, Giken Kosaku, Special Made type Consist of: Dispenser : SUS-27, 100 ml, 500ml 1 set each Table for the above : Steel Y-Shape tube : SUS-27 No-step speed controlling method	1 unit		¥9,300,000.-
17.	Capping Machine, Inaba Model BC-5 Automatic special made Kind of bottle : 100 ml, 500 ml 1 set each Motor : 400W Dia. of turn table : 500 mm With standard accessories	1 unit		¥15,100,000.-
18.	Microscope, Nikon Model SUR-XE-1 Magnification : 40X - 1,000X Eye piece : HKW 10X Bi (2) Objective lens : 4X, 10X, S40X, S100X With standard accessories	1 set		¥330,000.-
19.	pH Meter, Toa Electronics Model HM-5B pH range : 0 - 14 pH, 0 - ±700mV & 0 - ±1,400 mV Sub-division : 0.1 pH, 10 mV Accuracy : ±0.03 pH, ORP : ±5 mV With standard accessories	1 set		¥136,000.-

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
20.	Chemical Balance, Yamato Model 8D Capacity : 160 g Readability : 0.025 mg Accuracy of weight : ± 0.2 mg Digital Range : 100 mg With standard accessories	set		¥350,000.-
21.	Spray, National Model MS-2 Revolution : 17,000 r.p.m. Tank capacity : 5 L Arrival distance : approx. 10 M.	1 set		¥110,000.-
22.	Liquid Nitrogen Stocker, Osaka Sanso Model Licon 50 Capacity : 50 L Inside material : stainless steel	3 sets	¥411,000.-	¥1,233,000.-
23.	Liquid Nitrogen Stocker, Osaka Sanso Model Licon 100 Capacity : 100 L Inside material : stainless steel	1 set		¥470,000.-
24.	Cultivation Tank, Marubishi Model MSJ-U101 Capacity : 10 L Consist of: Stirrer, 120 - 1,200 r.p.m. With Air filter Temp. controller Material SUS-316., Thickness : 6 mm With standard accessories	1 set		¥7,050,000.-
25.	Cultivation Tank, Marubishi Model MSJ-U301 Capacity : 30 L Material : SUS-316, Thickness ; 6 mm consist of: Main body : Tank Stirrer : 120 - 1,200 r.p.m. with Air filter, Temp. control bath pH Controller, DO Checker With standard accessories	1 set		¥7,250,000.-

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	FMD C - 6	
				<u>Amount</u>	
26.	Water Distiller, Yamatô Model : Extra Continuous type, Special made Capacity : 200 l/h, Steam : 1.0 kg/cm ² Material : main body ; Stainless steel 316 legs ; Stainless steel 304	1 set		¥11,500,000.-	
27.	Hemacytometer, Erma Model II507BC Scale Accuracy : $\pm 0.5\%$ Scale Area Accuracy : below $\pm 0.1\%$	3 sets	¥35,000.-	¥105,000.-	
28.	Conveyor, Inaba Consist of: Conveyor system : Caterpillar chain Special made Turn table : 600 ϕ mm Dispensing Capacity : 100 ml, 500 ml each, Change gear : 3:1 Power motor : Fuji ORK type	2 sets	¥5,600,000.-	¥11,200,000.-	
29.	Temperature Unit, Sakuma Teldko Consist of: Temperature Water Bath, 900 x 1,100 mm (H) Pump 0.4 KW Temperature Control Apparatus with Recorder Use temp. 25°C, $\pm 1^\circ\text{C}$ Special made	1 set		¥1,830,000.-	
30.	Centrifuge, Tomy Seiko Model RS-18GS Max. revolution : 18,000 r.p.m. special made Revolution accuracy : $\pm 2\%$ Refrigerator : totally closed, 750W Chamber : all stainless, closed method Temp. controller : electronic automatic controller (Accuracy : $\pm 1^\circ\text{C}$) With standard accessories	1 set		¥1,890,000.-	
31.	Compressor, Hitachi Model SOP-7S Max. pressure : 7 kg/cm ² Revolution : 1,445 r.p.m. Output air capacity : 45 l/min. Air bath capacity : 38 L	1 set		¥195,000.-	

<u>No.</u>	<u>Specification</u>	<u>Q'ty</u>	<u>Unit Price</u>	<u>Amount</u>
32.	Direct Reading Balance, Sauter Model MM-160 Capacity : 160 g Readability : 0.001 g Tearing range : 10 g With standard accessories	1 set		¥495,000.
33.	Vacuum Cleaner, Hitachi Model CV-90 Capacity : 7 L Air volume : 6 M ³ /min. Ultimate vacuum : 1,200 Aq Power consumption : 620W	1 set		¥31,000.
34.	Sterilizer (Autoclave) Udono Model SRSP-1000SV Inner dimensions : 1,000(W) x 1,000(H) x 1,200(D) mm Capacity : 1 M ³ (effective) Max. pressure : 2.0 kg/cm ² Material : SS41P Vacuum pump : 2.2 KW, 20 Torr Controlling valve : ball valve, automatic & manual Controller, Thermistor (pt 100 ohm) With standard accessories	1 set		¥9,800,000.
35.	Laundry Washer, Asahi Model BSW-2550 Stainless steel cylinder and tube complete set with thermometer, timer, buzzer; automatic buttons, inching buttons, and manual operated drain cock. Dry weight capacity : 20 kgs./load	1 set		¥980,000.
36.	Dehydrator, Asahi Model AF-20 Stainless steel basket, outer shell and lid cover. Complete set with motor, push button and foot operated brake. Basket size : 507(dia.) x 225(depth) mm Dry weight capacity : 13 kgs./load, Motor : ½ HP, 3 phases	1 set		¥480,000.

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
37.	Dryer, Asahi Model NT-20 Open-end, steam heated type, Complete set with galvanized steel cylinder, independent drive and fan motor, steam heater, exhaust fan, magnetic reverse controller, timer, buzzer, thermometer, pressure gauge, and lint trap. Dry weight capacity : 20 kgs./load Cylinder size : 930(dia.) x 750(depth)mm Motors : Drive = $\frac{1}{2}$ HP, 3 phases Fan = $\frac{1}{4}$ HP, 3 phases	1 set		¥1,250,000
38.	Laboratory Washer, AMCO Model W-6-12 Washing chamber : 640 x 680 x 960 mm Washing cycle : Prewashing (water) --- Washing (Cleaning powder) --- Rinsing --- Final rinsing (distilled water), Full auto- matic, 10 — 15 min. with safety device, washing basket 15 pcs. with standard accessories	1 set		¥9,100,000
39.	Ultrasonic Washer, Kageyama Seiki Special Made out put : 1 KW Frequency : 29 KHz Bottle capacity : 10 L, 5 L	1 set		¥7,150,000
40.	Brusher, Kageyama Seiki Special Made Bottle Capacity : 10 L, 5 L Motor : $\frac{1}{4}$ HP, with gear	1 set		¥10,800,000.
41.	Bottle Washer, Higashi Nihon Seiki Model BW-1000 Bottle capacity : 10 L, 5 L, 3 L, Working capacity : 30 to 50 pcs./h. with compressor Special made .	1 set		¥4,550,000
42.	Glass Washer, Sanko Model GW-35 for Test tube, Flask etc. each 1 pc. Brush method, Special made	1 set		¥210,000.

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
43.	Spectrophotometer, Hitachi Model 100-50 Wavelength range : 195 - 850 nm UV-VIS Wavelength accuracy : ± 0.5 nm Photometric read out : meter Data outputs : 0 - 2V, 0 - 20mV With standard accessories	1 set		¥930,000.-
44.	Microscope, Olympus Model FLNTr-2 Magnification : 70X - 1,500X with illuminator and UV checker with standard accessories	1 set		¥750,000.-
45.	Microscope, Nikon Model MSDC Binocular type Eye piece : 10X (2) Objective : 4X, 10X, 40X, 100X with terrest condenser, with standard accessories	1 set		¥420,000.-
46.	pH Meter, TOA Electronics Model HM-5B PH range : 0 - 14 pH, 0 - ± 700 mV & 0 - $\pm 1,400$ mV Sub-division : 0.1 pH, 10 mV Accuracy : ± 0.05 pH, ORP, 10 mV with standard accessories	1 set		¥150,000.-
47.	Ice Making Machine, Hoshizaki Model IM-5EW Capacity : 75 kg/day Ice size : 28 x 28 x 32 mm Number of Ice making at one time: 70 pcs. Water consumption : 90 l/h with standard accessories	1 set		¥890,000.-
48.	Spray, National Model MS-2 Revolution : 17,000 r.p.m. Tank capacity : 5 L Arrival distance : approx. : 10.M	1 set		¥110,000.-
49.	Tools Electrical tools, 91 items, Measuring tools 18 items Machinist hand. tools 6 items, Cutting tools 13 items, Machine tools 5 items	1 unit		¥11,850,000.-

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
50.	pH Electrodes, for Fermenter TOA Electronics Model Special made Complete with a combination type	10 pcs.	¥20,000.-	¥200,000.-
51.	Microscopic photo apparatus Nikon Model EMB 35mm camera, with camera box & Exposure meter	1 set		¥170,000.-
52.	Steam cleaner, Fujihira Model FT-400 Steam pressure : 4 - 6 kg/cm ² Steam generating capacity: approx. 400 l/h.	4 sets	¥480,000.-	¥1,920,000.-
53.*	Spare parts Vendor recommendable spare parts for one year operation			¥6,100,000.-
54.	Membrane Filter holder, Sanko Filter size : 293 mm ϕ Flame Material : stainless steel, SUS-304 Pressure : 1.5 kg/cm ²	2 sets	¥510,000.-	¥1,020,000.-
55.	Membrane filter holder, Sanko Filter size : 47 mm ϕ Flame Material : stainless steel, SUS-304 Pressure : 1.5 kg/cm ²	3 sets	¥180,000.-	¥540,000.-
56.	Deep Freezer, Revco Model ULT-1230 Temp. range : -80 — -75°C Inner capacity : 351 L Cooling method : two step cooling Power consumption : 2 KW with standard accessories	2 sets	¥2,400,000.-	¥4,800,000.-
57.	Aluminium Hydroxide Gel Manufacturing Apparatus, Sakuma Tekko Special made, consist of: Aluminium Disolution Tank 1,200 L Dispensing Tank, 1,200 L Ammonium Solution Tank 130 L Each 1 set	1 unit		¥11,900,000.-

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
58.	Fraction Collector ANCO Model LKB Consist of: 1. Main unit, Model 7000, for 200 pcs. test tube 2. Ultra violet absorption meter, model 8500A, 254, 280 nm, continuous measuring 3. Separating column, model 8100 4. Liquid pump, model 12000 With standard accessories	1 set		¥5,800,000
59.	Cold Box, Sainko Model TCC-650 Inner dimensions : 900(W) x 520(D) x 1,400(H) mm Capacity : 655 L Temp. range : 0 - 30°C, Temp. distribution accuracy : ±1°C with standard accessories	1 set		¥1,750,000
60.	Compressor, Hitachi Model SOP-7S Max. Pressure : 7 kg/cm ² Revolution : 1,445 r.p.m. Output air capacity : 45 l/min. Air bath capacity : 38L	1 set		¥195,000
61.	Microscopic Photo Apparatus, Nikon Model EFMB with 35mm camera box & Exposure meter	1 set		¥170,000
61-1	Microscopic Photo Apparatus, Nikon Model PFMB with 35 mm camera box	1 set		¥95,000
62.	Labo-Stirrer, Yamato Model LS-50 Revolution : approx. 150 - 1,300 r.p.m. Motor : 50W condenser type Stirring rod : stainless, 500(L) x 7 φ mm with standard accessories	2 sets	¥100,000.-	¥200,000
63.	Microscope, Nikkon Model SUR-KE-4 Magnification : 20X - 1,500X Condenser : NA 1.25 Eye piece : HK5X Bi (2), HKW10X Bi (2) HKW15X Bi (2) Objective : plane, 4X, 10X, 20X, 40X, 100X with standard accessories	1 set		¥510,000

<u>No.</u>	<u>Specification</u>	<u>Q'ty</u>	<u>Unit Price</u>	<u>Amount</u>
64.	Press Machine, Asahi Model NDP-700 Apparel Press: "Utility (400 x 1,000)" type Motor driven, steam heated type Complete set with independently mounted on head drive motor and vacuum fan motor, dual safety push button switches, timer thermostat, pilot lamp and padding and cover	1 set		¥970,000.-
65.	Press Machine, Asahi Model NDP-900 "Mushroom" type Description same as above	1 set		¥880,000.-
66.	Refrigerator, Hitachi Model RL-208S Capacity : 510 L No-Frost type with standard accessories	1 set		¥570,000.-
67.	Demineralizer, Nihon Millipore Model Super Q Capacity : 15.1 l/min. Consist of: Prefiltration (A) Organic Adsorption (B) Deionization (C) Millipore Filtration (D) Ohm-meter	1 set		¥2,950,000.-
68.	Sterilizer (Autoclave) Udono Model SHSP-1000SV Specification Inside Capacity : 1 M ³ Max. pressure : 2.0 kg Material : SS41P Accessories Vacuum Pump Model 40NV6M: 100 Torr max. Control Valve Controller Roll chart with standard accessories	1 unit		¥9,800,000.-
69.	Ampoule Washer Sanko Model TA-100 Ampoule Volume : 50 pcs. Water Pressure type 1.0 kg/cm ² Material : Stainless Steel Flame Nozzle Material : Brass	1 set		¥110,000.-

<u>No.</u>	<u>Specification</u>	<u>Q'ty</u>	<u>Unit Price</u>	<u>Amount</u>
70.	Centrifuge Tomy Seiko Model RS-18GS, Special made Max. speed : 18,000 r.p.m. with Timer Nominal tube capacity Cooling range : -10°C at 25°C , room temp. -5°C at operating with standard accessories	1 set		¥1,880,000.
71.	Ditto, Router for centrifuge 10, 50, 100, 300 ml, each 1 pc.	1 set		¥1,030,000.
72.	Vacuum Pump Nihonshinku Model PVD-180 Exhaust speed : 160 l/min. Torr : 5×10^{-2} Torr with gas ballast with standard accessories	1 set		¥180,000.
73.	Auto Dispenser Hirasawa Model FH-300M Liquid control range : 50 - 300 ml Speed adjustment : each below 1% with standard accessories	1 set		¥840,000.
74.	Bottle Roller, Sanko Model CRT-3 Drum Q'ty 8 pcs. (Bottle) consist of Drum table Motor system Drum	2 sets	¥2,020,000.-	¥4,040,000.
75.	Bottle Roller, Sanko Model CRT-2 Drum Q'ty 2 pcs. Cultivation bottle Q'ty 14 pcs.	3 sets	¥690,000.-	¥2,070,000.
76.	pH Electrodes for Fermenter Complete with a combination type TOA Electronics Model Special made	10 pcs.	¥20,000.-	¥200,000.
77.	Dissolved Oxygen Meter, Marubishi Model DO-1P Measuring range : 0 - 100% (200%) 0 - 20 ppm. Ambient Temperature Range : -20° to $+120^{\circ}\text{C}$ Accuracy : -0.2% of Full Scale with standard accessories	3 sets	¥220,000.-	¥660,000

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
78.	Flow Meter Holder Nihon Keiki Model SC-2, 5 pcs. per set	1 set		¥80,000.-
79.	Flow Meter Holder Nihon Keiki Model SC-2 10 pcs. per set	1 set		¥130,000.-
80.	pH Recorder, TOA Model EPR-100A Measurement Range : 1 mV to 10V 11 range Sensitivity : 0.1% of full scale Balancing speed : 1 sec. below 250 mm. 3 sets per 1 unit	1 unit		¥1,350,000.-
81.	pH Controller, TOA Model : Special made No. or pH Channel : 6 ch. for jarfermenter consist of pH Controller Indicator Pilot Panel	1 set		¥2,420,000.-
82.	Alkali Instillation Pump, Sanko Pipe Size : 1.6 x 3.2 cm Liquid Control : 50 - 500 l/min.. Portable type	6 pcs.	¥130,000.-	¥780,000.-
83.	Air Pump, Sanko Diaphrag type Condenser motor : 20 W Flow volume : 0 - 15 l/min.	10 pcs.	¥51,000.-	¥510,000.-
84.	Air Filter, Sanko with P.V.A. Filter, to be possible Sterilizing : 100 mm ϕ in diameter Special made, Material Aluminium	40 pcs.	¥11,000.-	¥440,000.-
85.	pH Meter, TOA Model HM-5B pH Range : 0 - 14 pH, 0.1 pH division Millivolt Range : -700 to 0 to +700 mV Accuracy : pH ; ± 0.03 pH OHP ; ± 5 mV Temp. compensation : 0 - 100°C. with standard accessories	2 sets	¥150,000.-	¥300,000.-

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
86.	Glass Fermenter, Sanko Model Special made Capacity : 6 L Material : cap is Stainless Steel Bottle is pyrex glass Detecting method to be insert the pH electrode, Air to SUS Steel head	4 sets	¥240,000.-	¥960,000.-
87.	Glass Fermenter Sanko Model Special made Capacity : 1 L Material : Cap. is SUS 304 Bottle is pyrex glass Detecting method : to be insert from SUS Steel Head	6 sets	¥100,000.-	¥600,000.-
88.	Ampoule Sealer, Sanko Bellows system with Barner for LPG. with rubber hose 2m long 1 pc.	1 set		¥21,000.-
89.	Stabilizer, Yamabishi Model S-130 Capacity : 1 KVA Inlet Power : 100V Output Power : 0 - 130V Changeable	4 sets	¥ 18,000.-	¥72,000.-
90.	Liquid Nitrogen Stocker Osaka Sanso Model Licon 50 Material : Inside Wall : Stainless Steel Capacity : 50 L	3 sets	¥410,000.-	¥1,230,000.
91.	Liquid Nitrogen Stocker, Osaka Sanso Licon 100 Material Inside Wall : Stainless Steel Capacity : 100 L	1 set		¥470,000.
92.	Direct Reading Balance, Sauter Model MM-160 Capacity : 160 g Readability : 0.001 g Top-Pan type with standard accessories	1 set		¥495,000.

<u>No.</u>	<u>Specification</u>	<u>Q'ty</u>	<u>Unit Price</u>	<u>Amount</u>
93.	Sterilizer (Autoclave), Yamato Model SDA-30 Normal operating pressure : Gauge pressure 1.2 kg/cm ² Inner Wall : Stainless Steel SUS-27 Inner Dimensions : 300 ϕ x 450(Depth) mm with standard accessories	2 sets	¥510,000.-	¥1,020,000.-
94.	Auto Dispenser, Hirasawa Model FH-10S Liquid Volume Range : 0.2 - 12 ml Speed Adjustment : 25 - 60 times/min. (at 1 ml) Accuracy : below 1% (at Full capacity) with standard accessories	1 set		¥130,000.-
95.	Deep Freezer, Reeco Model ULT-1280 Temperature Range : -80°C to -75°C Accuracy : $\pm 2^{\circ}\text{C}$ Capacity : 351 L Electric Volume : 2 KW Max. with standard accessories	1 set		¥2,400,000.-
96.	CO ₂ Incubator, Hirasawa Model WJ-22C Temperature Range : room temp. +5 ^o C to +60 ^o C Temp. distribution : $\pm 0.5^{\circ}\text{C}$ Temp. Accuracy : $\pm 0.1^{\circ}\text{C}$ Inside Dimensions : 480(W) x 480(D) x 700(H) mm x 2 chambers Safety System : Automatic cut-off device (Over-Heat) with standard accessories	1 set		¥2,650,000.-
97.	Haemocytometer, Erma Optical Model II507BC Scale Accuracy : $\pm 0.5\%$ Scale Scare Accuracy : below $\pm 0.1\%$ 7 sets per 1 unit	1 unit		¥230,000.-
98.	Magnetic Stirrer, Sanko Model TS-350 Stirring speed : 200 - 2,000 r.p.m. Operating Method : Series motor Outside dimensions : 350 x 350 x 250 mm with standard accessories	4 sets	¥105,000.-	¥420,000.-

<u>No.</u>	<u>Specification</u>	<u>Q'ty</u>	<u>Unit Price</u>	<u>Amount</u>
99.	Tube Roller, Sanko Model RAT-4 No. of Drum : 4 pcs. Rolling Incubation system Speed Control : 3 steps, Pulley Belt Drum size : 44 ϕ cm	1 set		¥950,000
100.	Germfree Chamber, Hitachi Model CCV-810 with High Reliability Filter IA-830 UV Sterilizing light : 15W, 2 pcs. Lux : 600 Current capacity : 13 M ³ /min. Dust Correcting Ratio over 99.97% with standard accessories	3 sets	¥1,900,000.-	¥5,700,000
101.	Microscope, Nihon Kogaku Model MSDC Binocular type Magnification : 20X to 1,500X Eye piece X 10, 2 pcs. Objective X4, X10, X40, X100 with turret condenser	1 set		¥420,000
102.	Microscope, Olympus Model CKpBi-1 Binocular type Magnification : 40X to 100X Eye piece X10 Objective X4, X10	2 sets	¥180,000.-	¥360,000
103.	Microscope, Nihon Kogaku Model SUR-KE-1 Trinocular type Magnification 40X to 1,000X Eye piece : X10, 4 pcs. Objective : X4, X10, X40, X100 With Abbe Condenser	2 sets	¥330,000.-	¥660,000
104.	Microscopic Photo Apparatus Nihon Kogaku Model EFMB consist of: Camera Box, 35 mm with Exposure meter	1 set		¥170,000
105.	Pressure Tank, Sanko Model S-10 Capacity : 10 L Material Main Body, Stainless Steel 304 Outside dimensions : 300 ϕ x 300 (Depth) mm	1 set		¥90,000

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
106.	Pressure Tank, Sanko Model S-5 Capacity : 5 L Material Stainless Steel 304 Outside Dimensions : 200 φ x 400 (Depth) mm	3 sets	¥70,000.-	¥210,000.-
107.	Refrigerator, Hitachi Model R-305T Capacity : 265 L No-Frost type	3 sets	¥350,000.-	¥1,050,000.-
108.	Centrifuge, Tomy Model CD-70SR Revolution Range : 500 - 3,600 r.p.m. Timer : 60 - 70 min. Tube Capacity : 50 ml x 8 and 15 ml x 64 pcs. Revolution Adjustment : By Sliding transformer with standard accessories	1 set		¥520,000.-
109.	Membrane Filter Holder, Sanko Filter Size : 142 mm φ Frame Material : Stainless Steel 304 Endurance Pressure : 1.5 kg/cm ²	5 sets	¥210,000.-	¥1,050,000.-
110.	Sterilizer (Autoclave), Udono Model SRSP-1000DVK Capacity : 1 M ³ Max. Pressure : 2.0 kg/cm ² Consist of: Main Body Vacuum Pump : 40 NV6M Carburter Control Valve Controller with standard accessories	1 unit		¥13,500,000.-
111.	Vacuum Cleaner, Hitachi Model CV Capacity : 7 L Air Volume : 6 M ³ /min. Ultimate Vacuum : 1,200 mmAq Power Consumption : 620W	2 sets	¥31,000.-	¥62,000.-
112.	Compressor, Hitachi Model SOP-7S Rolling Speed : 1,445 r.p.m. Compression Air Volume : 45 l/min. Use Pressure : 7 kg/cm ²	3 sets	¥195,000.-	¥585,000.-

<u>No.</u>	<u>Specification</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Amount</u>
113.	Spray, Shoulder type, National Model NS-2 Tonic Capacity : 5 L Rolling Speed : 17,000 r.p.m. Jet Volume : 300 cc/min. at three hole	2 sets	¥110,000.-	¥220,000.
114.	Timer (min.), Seiko Model S-60 (Swan type) Setting time : 60 sec. Portable type	6 pcs.	¥7,000.-	¥42,000.
115.	Cooling Tower, Hitachi Model MT-511 Cooling Capacity : 19,500 KCal/h.	1 set		¥180,000.
116.	Cooling Water Pump, Hitachi Model OV-MH (40R ₄ -50.75) Pipe Size : 40 ϕ mm Capacity : 97.5 l/min. Head : 14 m, 0.75 KW	1 set		¥120,000.
117.	Cooling Water Pump, Hitachi Model OV-MH (40R ₂ -52.2) Pipe Size : 40 ϕ mm Capacity : 126.4 l/min. Head : 30 m, 2.2 KW	1 set		¥150,000.
118.	Cooling Water Pump, Hitachi Model OV-MH (40P ₂ -51.5) Pipe Size : 40 ϕ mm Capacity : 137.5 l/min. Head : 22 m, 1.5 KW	1 set		¥140,000.
119.	Control Panel Control Switch Box for Electrical Facility, Boiler Room	1 unit		¥2,570,000.

<u>No.</u>	<u>Specification</u>	<u>Q'ty</u>	<u>Unit Price</u>	<u>Amount</u>
120	Stabilizer, Matsunaga Model SVC 1,000NX Capacity 1KVA	4 sets	¥90,000.-	¥360,000.-
121	Stabilizer, Matsunaga Model SVC 5,000NX Capacity 5KVA	1 set		¥300,000.-
Total (CIF Bangkok)				¥283,460,000.-

N.B. Details of Item No. 49 "Tools" and Item No. 53 "Spare parts" shall be shown in the List C attached hereto.

