

3. 供与機材の選定

| prioridad | número | Descripción | | cantidad | |
|-----------|--------|-------------|--------|----------|------------|
| | | español | inglés | total | primer año |

1. Lavador y Esterilización

| | | | | | |
|---|------|----------------------------|-----------------------------|---|---|
| A | 1-1 | Lavador de pipetas | Pipet Washer | 3 | 3 |
| A | 1-2 | Lavador ultrasónico | Ultrasonic Washer (Cleaner) | 1 | 1 |
| A | 1-3 | Lavador de microplacas | Microplate Washer | 1 | 1 |
| A | 1-4 | Lavador de tubo de ensayo | Test Tube Washer | 1 | 1 |
| A | 1-5 | Lavador de punta | Tip Washer | 1 | 1 |
| B | 1-6 | Autoclave | Autoclave | 1 | 1 |
| A | 1-7 | Horno/Incubadora | Oven/Incubator | 2 | 1 |
| B | 1-8 | Esterilizador de gas (EOG) | Gas Sterilizer (EOG) | 1 | 1 |
| A | 1-9 | Purificador de agua | Water Purifier | 1 | 1 |
| A | 1-10 | Maquina para hacer hielo | Ice Maker | 1 | 1 |

2. Virología

| | | | | | |
|---|------|--|--------------------------------------|---|---|
| A | 2-1 | Gabina de seguridad biológica | Safety Cabinet | 2 | 2 |
| C | 2-2 | Microscopio invertido | Microscope, Inverted | 3 | 1 |
| B | 2-3 | Microscopio binocular | Microscope, Binocular | 2 | 2 |
| B | 2-4 | Microscopio de biológico | Microscope, Biological | 1 | 1 |
| C | 2-5 | Microscopio de fluorescencia | Microscope, Fluorescence | 1 | 1 |
| C | 2-6 | Microscopio estereoscópico | Microscope | 1 | 1 |
| A | 2-7 | Congelador | Ultra-Low Temperature Freezer | 3 | 2 |
| B | 2-8 | Refrigerador (Gabinete de medicamento) | Refrigerator (Medicine Cabinet) | 4 | 2 |
| A | 2-9 | Congelador | Freezer | 4 | 2 |
| A | 2-10 | Incubadora de CO2 | CO ₂ Incubator | 1 | 1 |
| B | 2-11 | Incubadora rotativa | Rotating Incubator | 1 | 1 |
| A | 2-12 | Incubadora | Incubator | 1 | 1 |
| A | 2-13 | Incubadora de huevos | Egg Incubator | 2 | 2 |
| B | 2-14 | Autoclave | Autoclave | 2 | 1 |
| A | 2-15 | Thermociclador | Thermal Cycler | 1 | 1 |
| A | 2-16 | Cámara de electroforesis | Horizontal Electrophoresis Apparatus | 1 | 1 |
| A | 2-17 | Sistema de cámara fotografica polaroid | Polaroid Camera, Transilluminator | 1 | 1 |
| B | 2-18 | Concentrador de centrífuga | Centrifuge Concentrator | 1 | 1 |
| A | 2-19 | Microcentrífuga | Micro-centrifuge | 1 | 1 |

| | | | | | |
|---|------|-----------------------------------|-----------------------------|--------------|--------------|
| A | 2-20 | Termoeielador para PCR | Gene Thermo Unit | ± | ± |
| A | 2-21 | Lampara de luz ultravioleta | UV Sterilizing Apparatus | 1 | 1 |
| A | 2-22 | Ultracentrifuga | Ultracentrifuge | 1 | 1 |
| A | 2-23 | Centrifuga refrigerada | Refrigerated Centrifuge | 2 | 1 |
| B | 2-24 | Microcentrifuga | Micro-centrifuge | 2 | 1 |
| A | 2-25 | Centrifugador de mesa | Desktop Centrifuge | 2 | 1 |
| A | 2-26 | Balanza electrónica | Electronic Balance | 2 | 1 |
| A | 2-27 | Homogenizador | Homogenizer | 1 | 1 |
| A | 2-28 | Homogeneizador para tejidos | Mixer for Homogenizer | 1 | 1 |

*2-20は2-15と重複していたため削除

3. Bacteriología

| | | | | | |
|---|------|---|---|----|---|
| A | 3-1 | Generador Ultrasónico | Ultrasonic Generator | 1 | 1 |
| A | 3-2 | Liofilizadora | Freeze Dryer | 1 | 1 |
| A | 3-3 | Contenedor de Nitrogeno (N ₂) liquido | Liquid Nitrogen (N ₂) Container | 2 | 2 |
| B | 3-4 | Agitador magnético | Magnetic Stirrer | 2 | 2 |
| B | 3-5 | Barra de agitación | Stirring Bar | 10 | 5 |
| A | 3-6 | Agitador de microplacas | Microplate Mixer | 1 | 1 |
| B | 3-7 | Mezclador de tubo | Tube Mixer | 4 | 2 |
| B | 3-8 | Sistema de ELISA | ELISA System | 1 | 1 |
| C | 3-9 | espectrofotómetro | Spectrophotometer | 1 | 1 |
| C | 3-10 | pH medidor | pH Meter | 2 | 1 |
| A | 3-11 | Cabina de seguridad | Safety Cabinet | 2 | 2 |
| B | 3-12 | Baño María de temperatura constante | Constant Temperature Water Bath | 4 | 2 |
| A | 3-13 | Stomacher | Stomacher | 2 | 1 |

4. Histopatología

| | | | | | |
|---|-----|-------------------------|----------------------------|---|---|
| A | 4-1 | Procesador de tejidos | Tissue Processing Machine | 1 | 1 |
| A | 4-2 | Histoembedder | Paraffin Embedding Station | 1 | 1 |
| B | 4-3 | Microtómo | Microtome | 1 | 1 |
| A | 4-4 | Criostato | Cold Microtome | 1 | 1 |
| A | 4-5 | Autostainer | Automatic Staining Machine | 1 | 1 |
| A | 4-6 | Sistema de video camara | Microscopic Photo System | 1 | 1 |
| B | 4-7 | Cámara de ventilación | Draft Chamber | 1 | 1 |
| B | 4-8 | Centrifugador | Hematocrit Centrifuge | 1 | 1 |

5. Equipo de Oficina

| | | | | | |
|---|------|----------------------------|----------------------|---|---|
| A | 5-1 | Computadora personal | Personal Computer | 5 | 3 |
| A | 5-2 | Impresora | Printer | 5 | 2 |
| A | 5-3 | Proyector de diapositivas | Slide Projector | 1 | 1 |
| A | 5-4 | Proyector | Overhead Projector | 1 | 1 |
| A | 5-5 | Cámara digital | Digital Camera | 1 | 1 |
| A | 5-6 | Impresora de película | Slide Film Recorder | 1 | 1 |
| A | 5-7 | Copiadora | Copying Machine | 1 | 1 |
| A | 5-8 | Proyector de multimedia | Multimedia Projector | 1 | 1 |
| A | 5-9 | Videgrabadora y televisión | VCR & Monitor TV | 1 | 1 |
| A | 5-10 | videocámara | Video Camera | 1 | 1 |
| A | 5-11 | Automóvil | Automobile | 2 | 1 |

Equipment for JICA Mexico Project

| | | | | | | | | | |
|---|------|------|-----------------------------|--------------------------|---|-----------|-----------|-----------|-----------------------------|
| A | 2-10 | 2-16 | Microcentrifuga | Microcentrifuge | 1 | 1,320.00 | 1,320.00 | 158,400 | Tomy/PMC-060 |
| A | 2-11 | 2-18 | Lampara de luz ultravioleta | UV Sterilizing Apparatus | 1 | 509.00 | 509.00 | 61,080 | Cole Parmer/97505-20 |
| A | 2-12 | 2-19 | Ultracentrifuga | Ultracentrifuge | 1 | 64,075.00 | 64,075.00 | 7,689,000 | Sorvall/Ultra Pro 80 |
| A | 2-13 | 2-20 | Centrifuga refrigerada | Refrigerated Centrifuge | 1 | 23,504.00 | 23,504.00 | 2,820,480 | Tomy/LX-130 |
| A | 2-14 | 2-22 | Centrifugador de mesa | Desktop Centrifuge | 1 | 2,541.25 | 2,541.25 | 304,950 | Hettich/1205-01 |
| A | 2-15 | 2-23 | Balanza electrónica | Electronic Balance | 1 | 3,984.00 | 3,984.00 | 478,080 | Mettler Toledo/PG503S |
| A | 2-16 | 2-24 | Homogenizador | Homogenizer | 1 | 1,158.00 | 1,158.00 | 138,960 | IKA Work/33998-316 |
| A | 2-17 | 2-25 | Homogeneizador para tejidos | Tissue Homogenizer | 1 | 2,140.00 | 2,140.00 | 256,800 | Eberbach/2355 VWR/62400-981 |

3. Bacteriología

| | | | | | | | | | |
|---|-----|------|--|---|---|-----------|-----------|-----------|-------------------------------------|
| A | 3-1 | 3-1 | Generador ultrasónico | Ultrasonic Generator | 1 | 5,059.00 | 5,059.00 | 607,080 | Branson/101-063-200 (VWR/33995-320) |
| A | 3-2 | 3-2 | Liofilizadora de laboratorio | Freeze Dryer | 1 | 17,807.00 | 17,807.00 | 2,136,840 | Labconco/30181-312 |
| A | 3-3 | 3-3 | Contenedor de Nitrogeno (N ₂), liquido | Liquid Nitrogen (N ₂) Container | 1 | 2,193.00 | 2,193.00 | 263,160 | Taylor Wharton/55708-342&55708-386 |
| A | 3-4 | 3-6 | Agitador de microplacas | Microplate Mixer | 1 | 636.00 | 636.00 | 76,320 | IKA/1603104 (VWR/33994-230) |
| A | 3-5 | 3-9 | Cabina de seguridad | Safety Cabinet | 2 | 10,625.00 | 21,250.00 | 2,550,000 | Telstar/BIO-II-A/P, 11098 |
| A | 3-6 | 3-11 | Stomacher | Stomacher | 1 | 5,890.00 | 5,890.00 | 706,800 | Tekmar/400 Mark II |

4. Histopatología

| | | | | | | | | | |
|---|-----|-----|-----------------------|----------------------------|---|-----------|-----------|-----------|--------------|
| A | 4-1 | 4-1 | Procesador de tejidos | Tissue Processing Machine | 1 | 19,325.00 | 19,325.00 | 2,319,000 | Leica/TP1020 |
| A | 4-2 | 4-5 | Histoembedder | Paraffin Embedding Station | 1 | 14,904.00 | 14,904.00 | 1,788,480 | Leica/EG1160 |
| A | 4-3 | 4-4 | Criostato microtome | Cold Microtome | 1 | 23,106.40 | 23,106.40 | 2,772,768 | Leica/CM1510 |

Equipment for JICA Mexico Project

| priority | No. | No. | Description | | Q'ty | Estimate Price | | | Referential Model |
|-----------------------------|-----|------|--|--------------------------------------|------|-------------------|--------------------|-------------------|---|
| | | | Spanish | English | | Unit Price (US\$) | Total Price (US\$) | Total Price (JPY) | |
| 1. Lavador y Esterilización | | | | | | | | | |
| A | 1-1 | 1-1 | Lavador de pipetas | Pipet Washer | 3 | 1,077.25 | 3,231.75 | 387,810 | Boekel/137400 (Fisher/15-350-5) |
| A | 1-2 | 1-2 | Lavador ultrasónico | Ultrasonic Washer (Cleaner) | 1 | 2,325.00 | 2,325.00 | 279,000 | Fisher/US-4 |
| A | 1-3 | 1-3 | Lavador de microplacas | Microplate Washer | 1 | 6,975.00 | 6,975.00 | 837,000 | Tecan/ (VWR) 62407-758 |
| A | 1-4 | 1-7 | Horno/Incubadora | Oven/Incubator | 1 | 4,536.12 | 4,536.12 | 544,334 | Thomas/7187D18 (HB-1D) |
| A | 1-5 | 1-8 | Purificador de agua | Water Purifier | 1 | | | 1,389,000 | Millipore/Milli-Q Synthesis |
| A | 1-6 | 1-9 | Maquina para hacer hielo | Ice Maker | 1 | 3,634.00 | 3,634.00 | 436,080 | Hoshizaki/ (Fisher)11-677-1 |
| 2. Virología | | | | | | | | | |
| A | 2-1 | 2-1 | Gabina de seguridad biologica | Safety Cabinet | 2 | 10,625.00 | 21,250.00 | 2,550,000 | Telstar/BIO-II-A/P, 11098 |
| A | 2-2 | 2-4 | Congelador | Ultra-Low Temperature Freezer | 2 | 8,492.00 | 16,984.00 | 2,038,080 | Revco/ULT-1340-3, (Fisher/13-989-58) |
| A | 2-3 | 2-6 | Congelador | Freezer | 2 | 7,750.00 | 15,500.00 | 1,860,000 | Revco/ULT3030A |
| A | 2-4 | 2-7 | Incubadora de CO ₂ | CO ₂ Incubator | 1 | 9,162.00 | 9,162.00 | 1,099,440 | Revco/RCO-3000D5 |
| A | 2-5 | 2-9 | Incubadora | Incubator | 1 | 4,750.00 | 4,750.00 | 570,000 | Precision/51221083 |
| A | 2-6 | 2-10 | Incubadora de huevos | Egg Incubator | 2 | 804.00 | 1,608.00 | 192,960 | Nasco/Z10756N |
| A | 2-7 | 2-12 | Thermociclador | Thermal Cycler | 1 | 11,528.00 | 11,528.00 | 1,383,360 | Applied Biosystems/ GeneAmp9700 |
| A | 2-8 | 2-13 | Cámara de electroforesis | Horizontal Electrophoresis apparatus | 1 | 2,493.00 | 2,493.00 | 299,160 | CBS/SGU-014T-02 |
| A | 2-9 | 2-14 | Sistema de cámara fotografica polaroid | Polaroid Camera, Traniluminator | 1 | 3,584.00 | 3,584.00 | 430,080 | Sigma/DS-34 |

Equipment for JICA Mexico Project

| | | | | | | | | | |
|---|-----|-----|-------------------------|--------------------------------|---|-----------|-----------|-----------|------------------|
| A | 4-4 | 4-3 | Autostainer | Automatic Staining Machine | 1 | 38,671.00 | 38,671.00 | 4,640,520 | Leica/XL(ST5010) |
| A | 4-5 | 4-6 | Sistema de video camara | Microscopic Videocamera System | 1 | 1,500.00 | 1,500.00 | 180,000 | Daiger/KX1534 |

5. Equipo de Oficina

| | | | | | | | | | |
|---|--------|------|-----------------------------|----------------------|---|-----------------|-------------|-----------------|---|
| A | 5-1 | 5-1 | Computadora personal | Personal Computer | 3 | 22,894.00 | 68,682.00 | 824,184 | Compaq/Presario 5006LA with MS-Office *単価はメキシコペソ |
| A | 5-2 | 5-2 | Impresora | Printer | 2 | 7,805.00 | 15,610.00 | 187,320 | Canon/BJC S450 *単価はメキシコペソ |
| A | 5-3 | 5-3 | Proyector de diapositivas | Slide Projector | 1 | 884.69 | 884.69 | 106,162 | Telex/3150 |
| A | 5-4 | 5-4 | Proyector | Overhead Projector | 1 | 1,000.00 | 1,000.00 | 120,000 | Cobra |
| A | 5-5 | 5-5 | Cámara digital | Digital Camera | 1 | 625.00 | 625.00 | 75,000 | Canon/PowerShot S300 |
| A | 5-6 | 5-6 | Impresora de película | Film Recorder | 1 | 8,095.00 | 8,095.00 | 971,400 | Polaroid/HR6000SF |
| A | 5-7 | 5-7 | Copiadora | Copying Machine | 1 | 11,976.00 | 11,976.00 | 1,437,120 | Canon/Image Runner 400S |
| A | 5-8 | 5-8 | Proyector de multimedia | Multimedia Projector | 1 | 6,325.00 | 6,325.00 | 759,000 | Epson/Powerlite 703 |
| A | 5-9 | 5-9 | Videograbadora y televisión | VCR & Monitor TV | 1 | 860.00 | 860.00 | 103,200 | Panasonic/CT-G2152 |
| A | 5-10 | 5-10 | videocámara | Video Camera | 1 | 1,280.00 | 1,280.00 | 153,600 | Canon/ZR30MC |
| A | 5-11-1 | 5-11 | Automóvil (Van) | Automobile (Van) | 1 | 211,128.95 | 211,128.95 | 2,533,547 | Nissan/Urvan Larga *単価はメキシコペソ |
| | 5-11-2 | | Automóvil (Pick-up) | Automobile (Pick-up) | 1 | 134,045.00 | 134,045.00 | 1,608,540 | Nissan/Lujo *単価はメキシコペソ |
| | | | | | | 5-11-1採用の場合の合計額 | ¥51,515,555 | 5-11-2採用の場合の合計額 | ¥50,590,548 |