



TECHNICAL SPECIFICATIONS
SOLICITATION Number RSU-49-16
TOTAL ABC: (Php5,255,000.00)

Procurement of Fisheries Equipment (Lot-A), Agricultural Equipment (Lot-B), Refrigerator & Freezers (Lot-C) and Machine (Outboard Motor) (Lot-D)

LOT A- PROCUREMENT OF FISHERIES EQUIPMENT (Php1,440,000.00)

Unit	Description	Quantity
set	Aquaria with Complete Accessory (Dimensions: 100x40x50cm/39.4x15"x19.7"(L x W x H) Key Features: 200 Liter bow fronted tank, Suitable for cold water and tropical fish, Starter set: food, water treatment and filter bio starter, Hood lighting with 2 x 30w light tubes, Feeding Hatch, AqualEL internal filter and media and AqualEL 150w internal heater)	1
set	Diving Gears (9L Diving Oxygen Tank with Backpack and Diving Oxygen bottles fill hose with pressure gauge inflate scuba tank equipment tube, Diving Mask, Diving Suit & Diving Fins)	25
set	Portable Fish Finder (Detects both fish Location and depth in both fresh and salt water, Can be used as a fish finder and a depth sounder, Wide Wireless Operation Range: 328.08 ft. (100 Meters), User Selectable Meter (m) or Feet (ft.) readings. Color: Any)	4
rolls	Siene Nets (Polyethylene net # 17 mesh x 200md x 6 fly, per roll of 100m)	6
rolls	Hapa Net (fine mesh net 5ft x 90m, white color)	14
unit	Hatchery (Indoor Aquaculture Fiberglass Fish Breeding & Hatchery Tanks Rectangular tank Fiber Glass 1200L Capacity)	1
unit	Electric Can Sealer (type: sealing machine, voltage: 220V, Automatic grade: Semi-Automatic, Dimension: L*W*H 600*320*700mm, Weight: 65kg, Production capacity: 10-15/min)	4
unit	Kemmerer Water Sampler acrylic, 1.2 L (Tech Specs: Diameter (D) and /or size (L*W*H) D 118 mm, Maximum sample depth 30 m, Point or profile Point sampling ,Power supply manual, Product material other material, Rod or Cable length 30 m, Rod or cable operated cable, Sample specification disturbed, Sample stored in tube Sample volume 1200 ml. Sampler position vertical Package size 50 x 23 x 40 cm, Weight 4.2 kg)	5

LOT B- PROCUREMENT OF AGRICULTURAL EQUIPMENT (Php2,180,000.00)

pc	Automated Egg Grader (Capacity: 4000 pieces/h, Feeding Level: 2, Power: 200w, Voltage: 220v, Size: 1438x1320x980mm, Function: According to weight, Material: Carbon Steel spraying sheet)	2
pc	Automated Incubator (Usage: birds, chicken, ducks, goose, Egg capacity: 880 pcs, Voltage: 220V, Power: 80W, Dimension: (L*W*H) 1.0m*0.71m*1.26m, Accuracy of temperature control: 0.1°C, Temperature range: 5-55°C)	2
pc	Automatic Feeder Set (Automatic Dry Wet Pig Feeder, Material: Plastic, stainless steel, steel, Capacity:140L Weight: 18-24kg ,Usage: Livestock Feeding)	2



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unit	Corn Sheller (Diesel corn Sheller/corn husker and Sheller machine) Quick Details: Condition: New, Type: Farm Machine Use: Shelling, Production Capacity: ≥5000kg/h, Voltage: 220V/380V Power(W): 12-18hp, Dimension(L*W*H): 1100*700*750mm, Weight: 330kg Certification: ISO9001, Warranty: 1 Year After-sales Service Provided: Threshing rate(%): ≥98 Breakage rate(%): ≤1 Roller diameter(cm): 30)	2
set	Egg Candling (Material: stainless steel, Processing capacity 10000 - 12000 / h; Processing channels: single; Grading capacity :3-8 (can be customized). Weight classification accuracy: error ≤ ± 0.5g; Egg bruised rate: ≤ 0.7%; Voltage frequency: 380V / three phase / 60Hz Power: 4.40 KW; Overall dimensions: 10630 * 6250mm; Egg loading capacity: with vacuum cups (for 30eggs egg tray), Packing: Egg automatic loading into tray packaging, direct packing.	2
pc	Electric Brooder (temperature and humidity control , with alarm , full automotive turning eggs , easy to operate, Temperature display range 5-50°C, Temperature measurement ±0.1°C, Temperature control accuracy ≤±0.1°C, Humidity display range 0-99%RH, Humidity precision control ±5%RH, Output approach (Medium) 4 (temperature control, left and right over the egg, alarm) (High) 7 Road, (temperature control, controlled humidity, temperature control, left and right over the egg, alarm), Output current Temperature Control 220V 10A, the other 200V 1A, Over egg cycle 0.1--99.9hour(Factory settings 1.5hour), Eggs over time 1-255 seconds adjustable (factory set to 180 seconds) Doubled the number of eggs Maximum record 999 times, Ventilation cycle 5-999 minutes (adjustable, factory 0 hours, non-ventilation), Ventilation time 0-999 seconds (adjustable, factory 30 seconds), Measurement of the line is long 1.5M, Control Panel Size 260×87mm Electric power 100W, Operating voltage AC180V—240V,50Hz, Relative humidity Less than 85% Ambient temperature -10°C--40°C, Machine size 0.74*0.67*0.87m)	2
pc	Veterinary Kit (Pig Castration Set, Piglet Tooth Nipper and Pigs Catcher with Lock 81")	2
unit	Fat Extraction Apparatus (Test range: 0.5% to 60%, Testing sample number: 6pcs/time, Power source: 220V, 50Hz, Power Requirement: 800W, Mode of Heating: Water-bath, warming time: 10min, Recycle system: automatic, Recycle rate: ≥80%, Temperature range: 5-90°C, Size: 740x230x655mm, weight: 23kg)	2
unit	Feed Grinders (Type: animal feed grinder and mixer Voltage: 220V Power(W): 22KW Dimension(L*W*H): 2000*1260*3000mm Weight: 650 kg Certification: CE ISO SGS Warranty: One Year After-sales, Processing Types: animal feed grinder and mixer Product name: feed grinder and mixer machine Matching Power: 7.5/11kw*3.0 kw Mixing Volume for per Batch: crushing capacity 1t per hour, mixer volume 2m3(1t) Mixing Uniformity: CV≤10% Application: make animal feed for poultry, chicken, pig, cattle, sheep etc. Machine thickness: 2mm thicker than standard machine Operation: Simple Automatic Operation Capacity: 1t/h feed grinder and mixer)	5
unit	Forage Chopper (Usage: For Animal Feed, Power: 5.5KW, Dimension:(L x W x H) 1737*1575*2315, Weight: 280kg, Certification: ISO, Warranty: 1 Yr., Raw material: Manganese steel, Voltage: 220V/380V, Type: Chaff Cutter, Diesel Engine)	2
unit	Irrigation System (Sprinkler, Mist/Drip Irrigation hose)	2
pc	Livestock Scale , (Max. cap. 1000kg, Division: 0.5kg, 1.0kg, Platform size: 1.5x1.5m)	2
pc	Necropsy Set (Cutting Knife, Chopping Board)	2



set	Pregnancy Detector for Large Ruminants (Specifications: Imaging Mode B,B+B,M,M,4B Probe Type Abdominal convex/micro convex/ High frequency Linear/ Rectal convex/ Rectal linear probes available, Probe Frequency Multi-frequency Depends on probe type Penetration Depth Adjustable from 12cm to 22cm, External Connection Support USB 2.0/Video glass/Mouse, Display 5.8 inches High-resolution Screen Scanner Weight 625g Battery Li-ion battery,11.2V, 2600mAh Operating Time Up to 5 continuous working hours Charging time Less than 1.5 hrs. Cine-loop 420 frames Size (L x W x H) 25x12x4 cm Configuration Standard Configuration Options)	2
pc	Plucking Machine (2 HP Electric Motor (15) Chicken Capacity. Heavy Duty all Stainless.	2
set	Pregnancy Detector for Swine (Technical specifications: Battery: 4pcs (1.5V), Rated power: ≤400mW, Dimensions: 180×50×50mm3(L×W×H)	2
set	Retractable Ladder (Material: Aluminum, Feature: Folding Ladders, Type: Industrial ladders, Structure: Combination Ladders, Size: 2.9m+2.9m Double)	6
pc	Portable Chain Saw (Engine: Air Cooled, 2- Stroke, Single Cylinder, Displacement: 58CC, Bar Length: 22", Power Type: Gasoline, Color: Orange)	2
pc	Brush Cutter (Engine Type: Air Cooled, 2-stroke, Single Cylinder, Displacement: 52cc, Max. Power: 1.82kw/8000rpm, Idling Speed: 2700-3000/min, Carburetor type: Diaphragm, Fuel Tank Capacity: 1200ml, Shaft Type: Side Hang/Detached, Pipe Diameter: 26/28mm, Handle Type: Bicycle/D Type, Blade: Supper Nylon Cutter/ Metal Blade)	2
pc	Power Sprayer (Electric OR Engine, Cover material: Metal, 2HP)	3
pc	Pressurized Motor Pump (Quick Details- Centrifugal Pump Structure: Single-stage Pump, Usage: Water Power: Hydraulic/ Standard , Standard Fuel: Diesel Pressure: High Pressure, Engine type: 1-Cylinder, 4-strook, Air-cooled Diesel Engine, Engine Spare Parts: Carburetor, Camshaft, Spark Plug, Piston, Crankshaft, Crankcase, Water Pump Type: Agricultural Irrigation Low Pressure Centrifugal Diesel Water Pump, Water Pump Spare Parts: Pump Body, Water Inlet Outlet, Pump Seat, Swirling shell, Impeller Water Pump Size: Pressure, 3inch, Recoil Start/ Electric Start, Aluminum Inlet Outlet, Color: Red)	2

LOT C- PROCUREMENT OF REFRIGERATOR & FREEZERS (Php635,000.00)

unit	Chest Freezer (10.5 cu. ft. Dual Compartment Solid Top Freezer & Chiller in One (White), Weight: (kg) 54 Warranty period: 1 Year, Warranty type: Local Manufacturer Warranty	4
unit	Freezer , 12 cu. ft. Upright Freezer, High-efficiency, Compressor, Fast-freezing System, 9 Shelves / 1 Bottom Drawer' Manual Defrost, Child-proof Control Knob)	8
unit	Refrigerator (Type: Top Freezer/Two Door, Size: 540x1610x635mm (21.3x63.4x25.0 inch), Net Weight: 55kg/Gross Weight: 60Kg, Capacity: Net Volume: 248L (8.6 Cu. Ft./Gross Volume: 9.6 cu. ft. (273 L)	11

LOT D- PROCUREMENT OF MACHINE (OUTBOARD MOTOR) (Php1,000,000.00)

unit	Outboard Motor (Specs: 40 HP 2- Stroke, Shaft Length: 400/17.5 (MM/IN) Max. Transition Ratio: 12(L/H), Net Weight: 67, Compression Ratio: 5500~ 6000, RPM: 40/29.4 (HP/KW), Cylinder: 2 Cylinder, 2 Stroke, Cooling Type: Water Cooled, Displacement: 516 (CM3), Ignition System: CDI, Steering: Front Steering Wheel/Tiller Handle, Starting System: Manual/Electric, Fuel Type: Premixed, Fuel Tank: 23L)	5
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