



རྒྱལ་ཡོངས་ཚུ་དང་འབྲེལ་བའི་སྲིད་ཆགས་གསུ་སྤྱོད་ཞིབ་འཚོལ་དང་གོང་འཕེལ་ལྟེ་བ།

National Research & Development Centre for Aquaculture

སློམ་ལས་ཁུངས། སྲིད་ཆ་དང་ཆགས་ཚལ་ལྷན་ཁག།

དཔལ་ལྷན་འབྲེལ་གཞུང་།

དགེ་ལེགས་ཕུག་གསར་ཟེང་།



COMPARATIVE STATEMENT OF GOODS AND SERVICES FOR FINANCIAL YEAR 2021-2022



NATIONAL
RESEARCH &
DEVELOPMENT
CENTRE FOR
AQUACULTURE
(NR&DCA)
GELEPHU

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Comparative Statement for General Tools & Sophisticated Research Equipment for FY 2021-2022

| Sl. No. | Items | NRDCA's Specification | Tshering Enterprise, Thimphu | | | Rabgay Noryang Tshongkhang, Gelephu | | | TEC's Remarks |
|---------|--|---|------------------------------|------|------|-------------------------------------|----------------|------|-----------------------|
| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | |
| (A) | Fishing Gears and Associated Accessories | | | | | | | | |
| 1 | Fry Net | Style: monofilament or multifilament, Knot type: Raschel knotless, Material Quality: plastic, nylon, PP, HDPE, polyester (Soft to touch). Stretch Mesh Size: 1.5 mm stretch mesh size. Mesh Shape: Hexagonal/Diamond shape. | Nylon or polyester | Each | 2700 | 60 | M | 450 | Lowest rate selected. |
| 2 | Fingerling Net | Style: multifilament, Knot type: raschel knotless, Material type: plastic, nylon, PP, HDPE, polyester (Soft to touch), Stretch Mesh size: 8 mm stretch mesh size, Mesh Shape: Hexagonal/Diamond shape. | Nylon or polyester | Each | 2700 | 60 | M | 850 | Lowest rate selected. |







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| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | |
| 3 | Brood Net | Style: monofilament or multifilament, Knot type: knotless, Material type: High Density polyethylene (HDPE)/High molecular Weight Polyethylene (HmWPE)/Ultra High molecular Weight Polyethylene (UHMWPE) and Soft to touch. Stretch Mesh Size: 20-25 mm. Mesh Shape: Hexagonal/Diamond shape. | Nylon or polyester | Each | 2700 | 60 | M | 850 | Lowest rate selected. |
| 4 | Breeding Happa | Style: monofilament or multifilament, Knot type: raschel knotless, Material: plastic, nylon, PP, HDPE, polyester (Soft to touch). Stretch Mesh Size: 0.5 mm Mesh Shape: Hexagonal/Diamond shape. | | Each | 500 | 60 | M | 450 | Lowest rate selected. |
| 5 | Cast Net I | Material: Nylon monofilament, Sinker weight: 8 kgs, Stretch mesh size: 4 cm Mesh shape: Diamond shape. | Nylon 8 kg | Each | 6300 | 60 | No. | 9000 | Lowest rate selected. |



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| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 6 | Cast Net II | Material: Nylon monofilament, Sinkers weight: 6 kgs, Stretch mesh size: 4 cm Mesh shape: Diamond shape. | Nylon 6 kg | Each | 6300 | 60 | | No. | 8500 | | Lowest rate selected. |
| 7 | Cast Net III | Material: Nylon monofilament, Sinkers weight: 4 kgs, Stretch mesh size: 2 cm Mesh shape: Diamond shape. | Nylon 4 kg | Each | 5940 | 60 | | No. | 7000 | | Lowest rate selected. |
| 8 | Float Buoy | Material: Poly vinyl chloride or Ethylene-vinyl acetate, Zero water absorption rate, reusable, high anti-pressure ability, Buoyancy: > 200 g. Diameter size hole: 25-30 mm. | Buoyancy > 200 g, diameter 25-30 mm hole | Each | 900 | 60 | | No. | 250 | | Lowest rate selected. |
| 9 | Sinkers | Material: Cylindrical lead sinkers. Diameter size hole: 25-30 mm. | Cylindrical | Kg | 540 | 60 | | Kg | 700 | | Lowest rate selected. |
| 10 | Nylon Rope | Size: 10 mm diameter | Same | Kg | 360 | 60 | | Kg | 600 | | Lowest rate selected. |



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|---|----------------------------------|---|------------------------------|------|------|----|-------------------------------------|------|------|----|-----------------------|
| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 11 | Nylon Thread 1 | Size: 3 mm diameter | Same | Kg | 540 | 60 | | Kg | 700 | | Lowest rate selected. |
| 12 | Nylon Thread 2 | Size: 1 mm diameter | Same | Kg | 540 | 60 | | Kg | 700 | | Lowest rate selected. |
| (B) General Tools, Instruments and Research Equipment | | | | | | | | | | | |
| 13 | Bucket | Material: Plastic, Capacity: 10 L, Type: Samruddhi. | Supreme | 10 L | 270 | 60 | | No. | 1200 | | Rate selected. |
| 14 | Bucket | Material: Plastic, Capacity: 15 L, Type: Samruddhi. | Supreme | 15 L | 360 | 60 | | No. | 1800 | | Rate selected. |
| 15 | Bucket | Material: Plastic, Capacity: 20 L, Type: Samruddhi. | Supreme | 20 L | 450 | 60 | | No. | 2400 | | Rate selected. |
| 16 | HDPE Crate (Perforated with lid) | Shape: Rectangular, Capacity: 35 kg, Dimension: 650*450*485mm, Material: HDPE | Supreme | Each | 1530 | 60 | | No. | 2000 | | Rate selected. |

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|---------|--------------------------------------|---|------------------------------|------|------|----|-------------------------------------|------|------|----|-----------------------|
| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 17 | HDPE Crate (Non perforated with lid) | Shape: Rectangular, Storing Material: Edible, Non-Edible, Capacity: 35 kg, Dimension: 650*450*485mm, Style: Solid Box, Types of Plastic Material: HDPE, Speciality: Light Weight. | Supreme Same | Each | 1620 | 60 | | No. | 2500 | | Rate selected. |
| 18 | HDPE Plastic crate-Rack (Perforator) | Dimensions: 45"x 45"x 6.70, Racking Capacity:3200Qty per Stack:14 | SupremeSame | Each | 3900 | 60 | | No. | 5500 | | Rate selected. |
| 19 | Hammock Cloth | Material: Waterproof Ripstop Polyester Material. | | | NQ | | | M | 650 | | Lowest rate selected. |
| 20 | Apron | Material: Non woven fabric, Canvas, Cotton, Polyester, Size: 50*70cm or customized, Weight: 80-300 GSM, Type: Waterproof. | Good quality | Each | 720 | 60 | | No. | 1500 | | Rate selected. |



ASST.  121

Comparative Statement for General Tools & Sophisticated Research Equipment for FY 2021-2022

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|---------|-------------|--|------------------------------|------|------|----|-------------------------------------|------|------|----|---------------|
| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 21 | Hand Gloves | Dual-zone 3m Thinsulate Insulation, Waterproof/windproof breathable membrane insert, Weather-resistant rip stop outer shell + DWR finish, Rugged AX Suede palm and fingertip reinforcements, Touch screen capable thumb and index finger, Gauntlet cuff with internal elastic cinch cord, Neoprene knuckle pad, Soft thumb nose/brow wipe area | Imported | Each | 4500 | 60 | | Pair | 250 | | |

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| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 22 | Plastic Hand Gloves | 40 grams of Thinsulate™ insulation from 3m, Hipora® breathable waterproof & windproof liner, 500D nylon back and gaitlet cuff, PVC-reinforced palm, fingers and saddle, Gathered wrist and reinforced fingertips, Pull tab for easy on and off, EVA knuckle pad with reflective dots, Terry thumb brow wipe | Imported | Each | 1800 | 60 | | Pair | 250 | | |
| 23 | Plastic Safety Goggles | Size: 2 Packs, Finish: Anti-fog, Scratch-resistant, Batteries Required: No | Anti fog | Each | 270 | 60 | | No. | 500 | | Rate selected. |
| 24 | Plastic Chemical Safety Goggles | Size: 2 Packs, Finish: Anti-fog, Scratch-resistant, Batteries Required: No | Anti fog | Each set | 270 | 60 | | No. | 1500 | | Rate selected. |
| 25 | Wader | Material: 3.5mm neoprene shell, Reinforced double layer knees, 200g Thinsulate Rubber boot with cleated sole, Rear D-ring for net and 100% | Imported waterproof same as specifications | Each | 21600 | 60 | | | NA | | |



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|---------|-----------------------------|---|------------------------------|------|------|----|-------------------------------------|------|------|----|---------------|-----------------------|
| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | | |
| 26 | Plastic Packaging materials | water proof. Material: LDPE, impermeable, Size: 18" of 0.1 to 0.15 mm thickness. | Same | Kg | 360 | 30 | | | | | | Lowest rate selected. |








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| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 27 | Dissolved Oxygen Handheld Meter | Large LCD display DO and Temperature readings simultaneously. Simple to calibrate by one keyboard and ATC. Technical Specification: Parameter - DO Range - 0 to 20 mg/L Accuracy - ± 0.2 + 1 digit Resolution - 0.01 Parameter - O ₂ Range - 0 to 200% Accuracy - $\pm 2\%$ FS Resolution - 0.1 Parameter - Temp Range - 0 to 90 Deg C Accuracy - ± 0.2 + 1 digit Resolution - 0.1 ATC - 0 - 50 Deg C Power - AAA - DC 1.5V x 4 Batteries Dimensions - Meter: 195 x 40 x 36 mm, Kit: 230 x 205 x 50 mm Weight - Meter with Battery: 135g, Gross: 800g. | Hannah or 451 or Thermofisher or ADM 001 Aquasol DO meter (0-20 ppm) | Each set | 1800000 | 60 | | No. | 35000 | | Rate selected. |








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| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 28 | pH meter. | Portable pH meter with replaceable electrode with fast and accurate readings from 0.00 to 14.00 pH. Resolution of 0.01 pH. Featuring a large easy-to-read LCD and a simple to perform 2-point calibration. Fast, accurate, lightweight and with 3000 hours of battery life. | Hannah or equivalent | Each | 18000 | 30 | | No. | 18000 | | Rate selected. |
| 29 | GPS handset | Physical dimensions: 2.6" x 6.0" x 1.2" (6.6 x 15.2 x 3.0 cm), Display size: 2.6" diagonal (6.6 cm), Display type: 4 level gray LCD, Weight: 7.16 oz, Interface: USB and Serial, Storage: 1,000 waypoints and 100 tracks, Battery life: Up to 18 hours with 2 AA batteries | Garmin | Each | 36000 | 60 | | | NA | | |







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| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 30 | Length measuring board | Made entirely of ABS with permanent markings in inches with 1/10" divisions and in centimeters. Overall length is 24" (60 cm). Weighs 1.81 kg. Equivalent to Pentair. | PENTAIR | Each | 9000 | 60 | | NA | | | Rate selected. |
| 31 | Photarium | Fabricated completely in corrosion-proof Plexiglas with permanent markings in centimeters. Overall length is 60 cm. | Good quality | Each | 6000 | | | NA | | | |
| 32 | Photarium | Fabricated completely in corrosion-proof Plexiglas with permanent markings in centimeters. Overall length is 30 cm. | Good quality | Each | 5400 | | | NA | | | |
| 33 | Photarium | Fabricated completely in corrosion-proof Plexiglas with permanent markings in centimeters. Overall length is 15 cm. | Good quality | Each | 4500 | | | NA | | | |








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|------------------------------|-----------------------------------|--|------------------------------|------|------|-------------------------------------|----------------|------|---------------|------|-----------------------|
| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | | Rate | DD |
| 34 | Electronic Digital Weighing Scale | Capacity: 1 Kg, Type: Waterproof Digital Scale, Accuracy: 0.001g (High precision)Units: g / oz / ozt / dwt / ct / gn, Display: LCD 5 digits, Functions: ON/OFF, UNITS, TARE, COUNT , Tare Range: Tare full capacity, Auto off time: 60 seconds off | Best quality | Each | 9000 | 30 | | No. | 23000 | | Rate selected. |
| (C) Aquarium and Accessories | | | | | | | | | | | |
| 35 | Glass Aquarium | Material: Glass, Size: LxBxH = 2x1x1 feet. | Good quality | Each | 3600 | 30 | | No. | 3500 | | Lowest rate selected. |
| 36 | Aquarium Internal Filter | Material: Biochemical Air Sponge Filter, Size: Large | Good quality same | Each | 1200 | 30 | | Pcs | 1500 | | Lowest rate selected. |
| 37 | Aquarium Internal Filter | Material: Biochemical Air Sponge Filter, Size: Medium | Good quality | Each | 1200 | 30 | | Pcs | 900 | | Lowest rate selected. |
| 38 | Aquarium Internal Filter | Material: Biochemical Air Sponge Filter, Size: Small | Good quality | Each | 1200 | 30 | | Pcs | 700 | | Lowest rate selected. |








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|---------|----------------------|--------------------------------|------------------------------|------|------|----|-------------------------------------|------|------|----|-----------------------|
| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 39 | Aquarium Air Pump | 2-way | Good quality | Each | 900 | 30 | | Pcs | 1800 | | Lowest rate selected. |
| 40 | Aquarium Air Pump | Single way | Good quality | Each | 600 | | | Pcs | 1100 | | Lowest rate selected. |
| 41 | Aquarium Air Pump | Submersible Air pump RS-1200LA | Good quality | Each | 1800 | 30 | | Pcs | 1500 | | Lowest rate selected. |
| 42 | Aquarium Air Pump | Submersible Air pump RS-600LA | Good quality | Each | 1200 | 30 | | Pcs | 1200 | | Lowest rate selected. |
| 43 | Aquarium Heaters | Submersible-300 watts | Good quality | Each | 900 | 30 | | Pcs | 1100 | | Lowest rate selected. |
| 44 | Aquarium Heaters | Submersible-200 watts | Good quality | Each | 720 | | | Pcs | 950 | | |
| 45 | Aquarium Heaters | Submersible-100 watts | Good quality | Each | 630 | 30 | | Pcs | 800 | | Lowest rate selected. |
| 46 | Aquarium Thermometer | Boyu BT-01 Glass | Good quality | Each | 540 | 30 | | Pcs | 550 | | Lowest rate |







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| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 47 | Silicone gun | Generic RT1 Royal Tools Silicon Sealant Gun | Good quality | Each | 1000 | 30 | | Pcs | 1250 | | selected. |
| 48 | Silicone gun | Geniec Dow Sil Silicone Glass Glue Sealant with Gun Applicator | Good quality | Each | 1440 | 30 | | Pcs | 700 | | Lowest rate selected. |
| 49 | Silicone Sealant | Dow Corning GP_AC Silicone, 280 ml Cartridge, Clear | Good quality | Each | 630 | | | Pcs | 350 | | Lowest rate selected. |
| 50 | Scoop net | SRI Meta Frame Aquarium Fish Landing Net (medium) | Good quality | Each | 630 | 30 | | Pcs | 150 | | Lowest rate selected. |
| 51 | Scoop net | SRI Meta Frame Aquarium Fish Landing Net (Large) | Good quality | Each | 1200 | 30 | | Pcs | 350 | | Lowest rate selected. |
| 52 | Styrofoam box | Size: 62 x 50 x 40 cm | Good quality | Each | 9000 | | | | NA | | Lowest rate selected. |
| 53 | Cool box | 90 L capacity | Nil Kamal | Each | 7200 | 30 | | No. | 10500 | | Lowest rate selected. |







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| | | | Bidder's Specs | Unit | Rate | DD | Bidder's Specs | Unit | Rate | DD | |
| 54 | Cool box | 65 L capacity | Kil Kamal | Each | 7000 | 30 | | No. | 8500 | | Lowest rate selected. |
| 55 | Grass cutter machine | TB-43, Japanese make | MITSOBI | Each | 36000 | 30 | | No. | 35000 | | Lowest rate selected. |
| 56 | Grass cutter nylon thread | Panasonic, 1600w | Panasonic | Each | 800 | | | M | 150 | | Lowest rate selected. |
| 57 | Grass cutter blade | Model G43L116F | Good quality | Each | 540 | | | No. | 1500 | | Lowest rate selected. |
| 58 | Grass cutter starter | Model G43L116F | Good quality | Each | 4500 | | | No. | 1500 | | Lowest rate selected. |

National Research & Development Centre for Aquaculture (NR&DCA)'s Tender Evaluation Committee members:


Pema Thinley
Chairperson


Pratinder Rai
Member


Choden Dorji
Member




Til Bdl Tamang
Member