



RFQ Date: January 6th, 2025

To: Interested Suppliers

Subject: Fisheries monitoring equipment for Aqaba, Jordan
PERSGA-2215-GO-RFQ

REQUEST FOR PRICE QUOTATION

Dear Sir/Madam

The Regional Organization for the Conservation of the Red Sea and Gulf of Aden (PERSGA) has received a grant from the International Development Association - **IDA Grant No. P178143** towards the cost of implementation of the **Sustainable Fishery Development in Red Sea and Gulf of Aden (SFISH) Project**, and intends to apply part of the proceeds of this grant to make eligible payments under the contract for which this announcement is being published.

Please provide price quotations for the following items.

Fisheries monitoring equipment to Aqaba, Jordan as detailed in the table “Fisheries monitoring equipment for Jordan.

Subject to the Following Requirements:

1. **Delivery Location:** Aqaba, Jordan
2. **Expected Delivery Date:** 75 days from the date of contract signing
3. **Type of Contract:** Unit Price in USD
4. **Payment Conditions:** 15 days after successful delivery and installation
5. **Currency:** Prices can be quoted in USD or any transferable currency
6. **Warranty Period:** 12 months
7. **Prices:** Shall include all duties, taxes, transport, and installation
8. **Quotation Validity Period:** 60 days from the latest date for submission of the price quotation
9. **Submission Address:** Via email to sourcing@persga.org
10. **Latest Date for Submission of Quotation:** January 31, 2025
11. **Pre-offer Meeting:** N/A
12. **Pre-offer Site Visit:** N/A
13. **Specifications:** included
14. **Alternative Quotations (Specifications):** Allowed
15. **Partial Quotation:** Allowed
16. **Partial Award:** Possible

Fisheries monitoring equipment for Jordan

| | Item | Specifications | Qty | Unit | Unit Price USD | Total cost USD |
|---|---------------------------------|--|-----|-------|----------------|----------------|
| 1 | Depth measurement | Handheld Portable Ultrasonic Depth Sounder Can measure depths up to 300 meters at least Detection accuracy: $\pm 0.5\%$ F-S Construction: Waterproof design suitable for use in various aquatic environments. | 1 | Piece | | |
| 2 | Fixed GPS receiver | Supports Multiple Satellites, High Accuracy: ± 1 meter at least, Strong Signal Tracking Data Storage: Has at least 8 GB of internal storage for saving data. Built for Tough Environments: Waterproof and dustproof, suitable for outdoor marine conditions. Data Export/Import: USB and other transfer options. | 4 | Piece | | |
| 3 | Water sampler | Niskin sampling bottle capacity (1-5L) Sequential closure by remote command. Non-metallic free-flushing sampling bottles robust and durable, capable of withstanding the often-harsh environments user-friendly design provide precise measurements consistently | 1 | Piece | | |
| 4 | Sediment sampler | Van Veen Bottom Grab 250 Cm ² Seafloor Sediment Collector Samplers Sample volume 3,14 L stainless steel | 1 | Piece | | |
| 5 | Marine winch for deep sampling. | Battery Winch, Light weight 12V DC Strong Steel Cable 30 m at least (or up to 100 m) Load Capacity: 500 kg minimum | 1 | Piece | | |
| 6 | Fish finder instrument | Ease to Use Technology: Dual Beam technology for clearer images and better seabed detection. Transducer: 200/455/800 KHz. Power supply: 10 - 20 VDC Display: Sunlight-readable screen for clear viewing. Mounting: Strong bracket for stability and quick disassembly. Accessories supplied: Transom Probe, Probe bracket, Screen mounting bracket, Power cord | 2 | Piece | | |
| 7 | Multiparameter Sonde | Portable multi-parameter, Ideally used for marine water, user-friendly design, easily | 1 | Piece | | |

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| | | <p>maintained and cleaned, cable length 10 meter, capable of measuring the following parameters:</p> <ul style="list-style-type: none"> • Depth (0-200m, resolution 0.01, accuracy ± 0.4) • Temperature (Temperature range up to 50°C resolution 0.01 accuracy ± 0.1) • pH: (0-14 units, resolution: 0.1, accuracy: ± 0.1 within 10°C of calibration; 0.2 otherwise) • Dissolved oxygen: (measuring range: 0-30mg/L. resolution: 0.01, accuracy: ± 0.15) • Chlorophyll a: (measuring range: 0 to 100 $\mu\text{g/l}$) • Salinity: (range up to 70 PSU, resolution: 0.01, accuracy $\pm 2\%$ of reading). • Ammonium/ Ammonia, nitrite, and nitrate, phosphate (measuring range 0-100mg/L) | | | | |
| 8 | Handheld GPS | <p>water-resistant, Floats if dropped in water, high-resolution color display and scratch-resistant, fog proof glass. Supports multiple satellite constellations, Accurate Tracking. Connectivity: Bluetooth, USB Memory: Can store extensive waypoints and routes. Battery life: up to 20 hours in GPS mode</p> | 5 | Piece | | |
| 9 | Dive computer watch | <p>Display: High-contrast color screen for clear visibility underwater. Bezel material: Stainless steel Glass material: Sapphire crystal Case material: Glass fibre reinforced polyamide Strap material: Silicone Compass: Tilt-compensated 3D digital compass for accurate navigation. Underwater route tracking: Top-tier GNSS system for precise location tracking Battery Life: Rechargeable battery with 20-40 hours of dive time per charge.</p> | 5 | Piece | | |
| 10 | Diving set (Suits, BCD, fins, mask, boot, and regulator, Weight Belt) | <p>- Regulator: First Stage: Reliable, high flow rate, suitable for extreme and cold-water dives. Second Stage: VAD system for easy breathing, optimized for water flow, great for cold conditions.</p> | 5 | Set | | |

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| | | <ul style="list-style-type: none"> - Octopus: Coated for durability, VAD system for smooth breathing, optimized water flow. - Instrument Console: Includes pressure gauge, depth gauge, and compass. Easy to read, shockproof, and modular. - BCD: Air trim technology for easy buoyancy control. Comfortable, customizable, and durable. - Wetsuit: Ultra stretch neoprene, designed for comfort and fit, with water-resistant features. - Fins: Ergonomic design for efficient thrust, with a soft foot pocket and adjustable straps. - Mask: Comfortable fit, hydrodynamic design, easy strap adjustments. - Weight Belt: Stainless Steel Buckle, Quick-release buckle, durable strap for secure buoyancy control. - Dive Boots: 5mm neoprene with rubber sole, easy to wear and dry, comfortable for long distances | | | | |
| 11 | PC with good specs capable to store and handle huge data and Computer Screen | <p>CPU: 17, 2.2 GHz minimum; Hyper-threading (HHT) or Multi-core recommended. Platform: x86 or x64 with SSE2 extensions Memory/RAM: 16 GB Screen Resolution: 1024x768 recommended minimum at normal size (96 dpi) screen size: 24in at least Disk space: 1 TB Video/Graphics adapter: 64 MB RAM minimum; 256 MB RAM or higher recommended. NVIDIA, AMD, and Intel chipsets supported. 24-bit capable graphics accelerator, 24-bit color depth OpenGL version 2.0 runtime minimum is required, and Shader Model 3.0 or higher is recommended.</p> | 2 | Piece | | |
| 12 | laptops suitable for GIS use | <p>CPU: 17, 2.2 GHz minimum; Hyper-threading (HHT) or Multi-core recommended. Platform: x86 or x64 with SSE2 extensions Memory/RAM: 16 GB Screen Resolution: 1024x768 recommended minimum at normal size (96 dpi) Disk space: 1 TB Video/Graphics adapter: 64 MB RAM minimum; 256 MB RAM or higher recommended. NVIDIA, AMD, and Intel chipsets supported.</p> | 5 | Piece | | |

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| | | 24-bit capable graphics accelerator, 24-bit color depth OpenGL version 2.0 runtime minimum is required, and Shader Model 3.0 or higher is recommended. | | | | |
| 13 | Laser colored printers | Function: Print, Copy, Scan Connectivity: USB Wireless Wi-Fi Direct Print Speed: 20 ppm for Black & 14 ppm for Color at least | 2 | Piece | | |
| 14 | Fish measuring board | Measurement Length: Measures fish up to 36 inches when unfolded. Compact Size: Folds down to 12 inches for easy storage. Lightweight and Floating: Lightweight design that floats on water to prevent loss. Clear Measurement Markings: Large, easy-to-read, raised scale markings for quick reference. Durable Material: Made from a strong, non-brittle material. | 3 | Piece | | |
| 15 | Fish scale | High precision, Weight Limit:400 Pounds at least | 3 | Piece | | |
| 16 | Normal Binocular | Magnification: 7x50 at least 100% waterproof / fogproof Highly resistant to saltwater corrosion | 5 | Piece | | |
| 17 | Stereo Microscope with camera | Total Magnification: 6.3x - 50x. Eyepieces: Includes widefield 10x. Objective Lenses: Zoom range of 0.63x - 5x. Zoom Ratio: 8:1 Camera for high resolution imaging at fast speeds | 1 | Piece | | |
| 18 | Lavalier Microphones | Rode Wireless GO 2 Dual Compact Digital Wireless Microphone System w Rode SC16 | 1 | set | | |
| 19 | Video Equipment: Cameras | DSLR Cameras: Canon EOS 90D | 1 | Piece | | |
| 20 | Tablet | Android 13 Tablet with Keyboard | 2 | Piece | | |
| 21 | VR Goggles | VR Goggles, 3D Videos, Remote Control Included | 3 | Piece | | |
| 22 | Lead Dive Weights | 100 Kg | - | piece | | |
| 23 | Diving Cylinders | 15L | 3 | Piece | | |
| 24 | Diving Cylinder | 12L | 3 | Piece | | |
| 25 | Diving Cylinder | 9L | 2 | Piece | | |
| 26 | Compressor | 3 Filling Ports Max Pressure: 300 bar (4,350 psi) at least Flow Rate: up to 400 L/min Filtration System: Equipped with an advanced filtration system that ensures the air is pure and free of contaminants. | 1 | Piece | | |

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| 27 | Action camera (GoPro 13) with Underwater Housing Case and Dive lens Filters | GoPro Latest Version Housing Case: Waterproof down to 196ft (60m) at least. Pack Dive Filters | 1 | piece | | |
| 28 | Temperature/Light Data Logger (Marine Measuring Instruments) | Convenient wireless setup and download via Bluetooth Low Energy (BLE) Large memory stores 96,000 measurements Waterproof to 30 meters (100 feet) User-replaceable battery Mounting tabs for fast, easy deployment LED alarm notifies you when temperature exceeds set threshold ±0.5°C (±0.9°F) accuracy | 10 | Piece | | |
| 29 | Underwater Dive Light (torch) | <ul style="list-style-type: none"> • Max 2700 lumens, with a max range of 375 meters • Uses 1 * 5000mAh 21700 USB Type-C rechargeable battery • Burn time on full power: 1h 30min • Adjustable beam angle from 8° to 76° • Easy operation with side titanium alloy push-button switch • Safe lock function to avoid accidental operation • Intelligent over-heat and over-discharge protection function • Battery indicator to remind remaining power • Water pressure resistant construction, depth rated to 150 meters • Reverse polarity protection, to protect from improper battery installation • Constructed from high-strength A6061-T6 aluminum • Hard anodized finish for durability and corrosion resistance • Two sides coated toughened glass with high water pressure resistance | 6 | piece | | |
| 30 | Memory Card | 128 GB | 4 | Piece | | |
| 31 | External Hard Disk | 6 TB | 4 | Piece | | |
| 32 | interactive screen | interactive screen Touch Display 85.6" 3840 x 2160 4K UHD, 3 x HDMI (digital), 1 x USB Type-C | 1 | Piece | | |
| 33 | Camera with Underwater Housing | Digital Zoom: 10x Battery Type: Lithium-Ion Maximum Resolution: 24.2 MP Connectivity: USB-C | 1 | Piece | | |

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| | | Features: CMOS Sensor, Bluetooth, Face Detection, Body Only, 4K Video Recording, Auto Focus, Built-in Wi-Fi, Audio Recording, Touch Screen, Image Stabilization Housing: Max Depth 100m, with Wide Angle Lens and macro lens Red Filter, two flash Light, video Light | | | | |
| | Total Estimated cost | | | | | |

Sincerely,

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