



**RFQ Date:** February 26<sup>th</sup>, 2025

**To:** Interested Suppliers

**Subject: Fisheries monitoring equipment for Somalia**  
**PERSGA-2216-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 Mogadishu, Republic of Somalia, as detailed in the table “Fisheries monitoring equipment for Somalia.

**Subject to the Following Requirements:**

1. **Delivery Location:** Mogadishu, Somalia
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. **Warrantee 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](mailto:sourcing@persga.org)
10. **Latest Date for Submission of Quotation:** March 25, 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 and marine environmental monitoring equipment of Somalia

	Item	Specifications	Qty	Unit	Unit Price USD	Total cost USD
1	Depth measurement	Handheld Portable Ultrasonic Depth Sounder Can measure depths up to 100 meters at least <b>Detection accuracy:</b> $\pm 0.5\%$ F·S <b>Construction:</b> Waterproof design suitable for use in various aquatic environments.	10	Piece		
2	Fixed GPS receiver	Supports Multiple Satellites, High Accuracy: $\pm 1$ 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.	6	Piece		
3	Laptops	Processor: Intel Core i7 (12th Gen), RAM: 16GB, Storage: 1TB SSD, Screen: 15.6", 14, 13, Heavy duty with basic required accessories.	8	Piece		
4	Printers	Laser Printer: Print, Copy, Scan, USB/Wi-Fi Connectivity, Speed: 20 ppm black & white.	3	Piece		
5	Advanced digital cameras with high resolution remotely	Resolution: 24 MP; Zoom: Optical 10x; Connectivity: Wi-Fi and Bluetooth; Features: 4K video recording, night vision.	2	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	10	Piece		
7	Multiparameter Sonde	Portable multi-parameter, ideally used for marine water, user-friendly design, easily	3	Piece		

		<p>maintained and cleaned, cable length 10 meter, capable of measuring the following parameters:</p> <ul style="list-style-type: none"> <li>• Depth (0-200m, resolution 0.01, accuracy <math>\pm 0.4</math>)</li> <li>• Temperature (Temperature range up to 50°C resolution 0.01 accuracy <math>\pm 0.1</math>)</li> <li>• pH: (0-14 units, resolution: 0.1, accuracy: <math>\pm 0.1</math> within 10°C of calibration; 0.2 otherwise)</li> <li>• Dissolved oxygen: (measuring range: 0-30mg/L. resolution: 0.01, accuracy: <math>\pm 0.15</math>)</li> <li>• Chlorophyll a: (measuring range: 0 to 100 <math>\mu\text{g/l}</math>)</li> <li>• Salinity: (range up to 70 PSU, resolution: 0.01, accuracy <math>\pm 2\%</math> of reading).</li> <li>• Ammonium/ Ammonia, nitrite, and nitrate, phosphate (measuring range 0-100mg/L)</li> </ul>				
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>	10	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>	10	Piece		
10	Diving set (Suits, BCD, fins, mask, boot, and regulator, Weight Belt)	<p><b>- Regulator:</b> 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>	10	Set		

		<ul style="list-style-type: none"> <li>- <b>Octopus:</b> Coated for durability, VAD system for smooth breathing, optimized water flow.</li> <li>- <b>Instrument Console:</b> Includes pressure gauge, depth gauge, and compass. Easy to read, shockproof, and modular.</li> <li>- <b>BCD:sizes</b> Air trim technology for easy buoyancy control. Comfortable, customizable, and durable.</li> <li>- <b>Wetsuit:</b> Ultra stretch neoprene, designed for comfort and fit, with water-resistant features (Mixed xxxL, xxL, xL)</li> <li>- <b>Fins:</b> Ergonomic design for efficient thrust, with a soft foot pocket and adjustable straps. (Mixed xxxL, xxL, xL)</li> <li>- <b>Mask:</b> (Tempered glass ) Comfortable fit, hydrodynamic design, easy strap adjustments.</li> <li>- <b>Weight Belt:</b> Stainless Steel Buckle, Quick- release buckle, durable strap for secure buoyancy control</li> <li>- <b>Dive Boots:</b> 5mm neoprene with rubber sole, easy to wear and dry, comfortable for long distances</li> </ul>				
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, SSD 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>	3	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, SSD Video/Graphics adapter: 64 MB RAM minimum; 256 MB RAM or higher recommended. NVIDIA, AMD, and Intel chipsets supported.</p>	6	Piece		

		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	6	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.	30	Piece		
15	Fish scale	High precision, Weight Limit: five up to 200 kgs at least, and five up to 50kg.	10	Piece		
16	Normal Binoculars	Magnification: 7x50 at least 100% waterproof / fogproof Highly resistant to saltwater corrosion	5	Piece		
19	Video Equipment: Cameras	DSLR Cameras: Canon EOS 90D	2	Piece		
20	Tablet	Android 13 Tablet with Keyboard	40	Piece		
21	VR Goggles	VR Goggles, 3D Videos, Remote Control Included	3	Piece		
22	Lead Dive Weights	100 Kg ( 40blocks of 1kg, 30 of 2 kg)	set	set		
24	Diving Cylinder	12L- aluminum	10	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. 10 spare filters and 10% of the value spare parts for maintenance	1	Piece		

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	10	piece		
28	Projectors & white Screen	Projector Resolution: Full HD (1920x1080); Brightness: 3,000 lumens; Screen Size: 120 cm width, portable.	4	Piece		
29	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 $\pm 0.5^{\circ}\text{C}$ ( $\pm 0.9^{\circ}\text{F}$ ) accuracy	10	Piece		
29	Underwater Dive Light (torch)	<ul style="list-style-type: none"> <li>• Max 2700 lumens, with a max range of 375 meters</li> <li>• Uses 1 * 5000mAh 21700 USB Type-C rechargeable battery</li> <li>• Burn time on full power: 1h 30min</li> <li>• Adjustable beam angle from <math>8^{\circ}</math> to <math>76^{\circ}</math></li> <li>• Easy operation with side titanium alloy push-button switch</li> <li>• Safe lock function to avoid accidental operation</li> <li>• Intelligent over-heat and over-discharge protection function</li> <li>• Battery indicator to remind remaining power</li> <li>• Water pressure resistant construction, depth rated to 150 meters</li> <li>• Reverse polarity protection, to protect from improper battery installation</li> <li>• Constructed from high-strength A6061-T6 aluminum</li> <li>• Hard anodized finish for durability and corrosion resistance</li> <li>• Two sides coated toughened glass with high water pressure resistance</li> </ul>	10	piece		
30	Memory Card	128 GB	6	Piece		
31	External Hard Disk	6 TB	6	Piece		

32	interactive screen	interactive screen Touch Display 85.6" 3840 x 2160 4K UHD, 3 x HDMI (digital), 1 x USB Type-C	6	Piece		
33	Camera with Underwater Housing	Digital Zoom: 10x Battery Type: Lithium-Ion Maximum Resolution: 24.2 MP Connectivity: USB-C 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	10	Piece		
34		Fargo HDP5000 ID Card Printer - How to Load Cards	3	Piece		

Sincerely,

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