

**RFQ Date:** October 17<sup>th</sup>, 2024

**To:** Interested Suppliers

## **Subject: Fisheries monitoring equipment for Hurghada Egypt**

### **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 Egypt as detailed in the table “Fisheries monitoring equipment for Egypt

#### **Subject to the Following Requirements:**

1. **Delivery Location:** EMARSGA, Hurghada, Egypt
2. **Expected Delivery Date:** One month after contract signing
3. **Type of Contract:** Unit Price
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:** 30 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:** November 3, 2024
11. **Pre-offer Meeting:** Not mandatory
12. **Pre-offer Site Visit:** Not mandatory
13. **Specifications:** Refer to Annex A
14. **Alternative Quotations (Specifications):** Allowed
15. **Partial Quotation:** Allowed
16. **Partial Award:** Possible

## **Fisheries monitoring equipment for Hurghada, Egypt**

No.	Item	Qty	Unit	Unit Price	Total Price
1	Temperature Logger (HOBO Water Temperature Pro v2 Data Logger)	100	Piece		
2	Communication kite (HOBO Optic USB Base Station)	2	Piece		
3	Required Software (HOBOWare® Pro Version)	2	set		
4	Hand Held GPS (Garmin Montana 750i)	4	Piece		
5	Underwater Camera (Olympus OM-D E-M10 IV Camera with 14-42mm EZ Lens)	10	Piece		
6	Olympus BLS-50 Li-Ion Battery	10	Piece		
7	Olympus BCS-5 Battery Charger	10	Piece		
8	Underwater Housing (OPEN BOX DISPLAY Ikelite Olympus OM-D E-M10 III & E-M10 IV Underwater Housing 200DLM/A with MIL Dome Port & Zoom Gear for 14-42mm EZ lens)	5	Piece		
9	Diving Sets	10	Set		
10	Laptop computer	3	Piece		
11	External Hard Desk	3	Piece		
12	Laser Color Printer	1	Piece		
13	Fast Scanner	1	Piece		

Sincerely,

Almahi Saeed ADAM  
 Project Management Assistant  
*The Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA)*  
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Annex A: Specifications' Table		
	Item	Specifications
1	<p align="center"><b>Temperature Logger (HOBO Water Temperature Pro v2 Data Logger)</b></p>	<p><b>HOBO Water Temperature Pro v2 Data Logger:</b>            Operation range†: -40° to 70°C (-40° to 158°F) in air; maximum sustained temperature of 50°C (122°F) in water            Accuracy: ±0.21°C from 0° to 50°C (±0.38°F from 32° to 122°F)            Resolution: 0.02°C at 25°C (0.04°F at 77°F)            Response time: (90%) 5 minutes in water; 12 minutes in air moving 2 m/sec (typical)            Stability (drift): 0.1°C (0.18°F) per year            Real-time clock: ± 1 minute per month 0° to 50°C (32° to 122°F)            Battery: 2/3 AA, 3.6 Volt Lithium, factory-replaceable ONLY            Battery life (typical use): 6 years with 1 minute or greater logging interval            Memory (non-volatile): 64K bytes memory (approx. 42,000 12-bit temperature measurements)            Weight: 42 g (1.5 oz)            Dimensions: 3.0 cm (1.19 in.) maximum diameter, 11.4 cm (4.5 in.) length; mounting hole 6.3 mm (0.25 inches) diameter            Wetted materials: Polypropylene case, EPDM® o-rings, stainless steel retaining ring            Buoyancy (fresh water): +13 g (0.5 oz.) in fresh water at 25°C (77°F); +17 g (0.6 oz.) with optional boot            Waterproof: To 120 m (400 ft.)            Shock/drop: 1.5 m (5 ft.) drop at 0°C to 70°C (32°F to 150°F)            Logging interval: Fixed-rate or multiple logging intervals, with up to 8 user-defined logging intervals and durations; logging intervals from 1 second to 18 hours. Refer to HOBOWare software manual.            Launch modes: Immediate start and delayed start            Offload modes: Offload while logging; stop and offload            Battery indication: Battery voltage can be viewed in status screen and optionally logged in datafile. Low battery indication in datafile.            NIST certificate available: for additional charge            Environmental Rating: IP68</p>

2	<p align="center"><b>Communication kite (HOBO Optic USB Base Station)</b></p>	<p><b>HOBO Optic USB Base Station:</b>  A splash-resistant base station and couplers used to offload data from any HOBO data logger with an Optic USB interface  Operating temperatures range: 0 to 50°C (32 to 122°F)  Cable length: 183 cm (6 ft.)  Offload rate: Offloads full 64K logger in 30 seconds</p> <p>Weight without coupler: 138.6 g (4.9 oz)  Weight with coupler: 154 g (5.4 oz)</p> <p>Dimensions without coupler: 18.1 x 5.08 cm (7.13 x 2.0 inches)  Dimension with coupler: 20.96 x 5.6 cm (8.25 x 2.2 inches)</p>
3	<p align="center"><b>Required Software (HOBOWare® Pro Version)</b></p>	<p>HOBOware ® Pro for intuitive, powerful software tools that further enhance your data logging—from set-up to analysis:  Support for all HOBO data loggers*  Quickly generate presentation-quality graphs  Copy &amp; paste series  Merge data files  Save modified graphs as projects  Easy data export to XLS, CSV &amp; TXT files  Linear &amp; pulse scaling data assistants  Multi-Language Support (English / Spanish / French / German / Polish / Portuguese / Japanese / Korean / Simplified Chinese / Traditional Chinese)  Time-saving tools for fast setup, readout &amp; export  Data Assistants for Dissolved Oxygen, Conductivity, Water Level, Growing Degree Days, Grains per Pound &amp; kWh  Ability to create Pie Charts  Crop a series to a specific time frame  Subset Statistics Tool for details within a time frame  21 CFR Part 11 Compliance**  Data Shuttle support  HOBOnode Manager to support ZW Data Nodes***</p>

4	<b>Hand Held GPS (Garmin Montana 750i)</b>	<p>Montana® 750i:  Rugged GPS Touchscreen Navigator with inReach® Technology and 8 Megapixel Camera  PART NUMBER010-02347-00  LENS MATERIAL chemically strengthened glass  DIMENSION 3.6" x 7.2" x 1.3" (9.19 x 18.30 x 3.27 cm)  WEIGHT 14.5 oz (410 g) with included lithium-ion battery pack  WATERPROOF IPX7  MIL-STD-810 yes (thermal, shock, water, vibe)  TOUCHSCREEN  DISPLAY TYPE WVGA transfective, dual orientation  DISPLAY SIZE 2.55"W x 4.25"H (6.48 x 10.80 cm); 5" diag (12.70 cm)  DISPLAY RESOLUTION 480 x 800 pixels  BATTERY TYPE rechargeable lithium-ion (included)  BATTERY LIFE  GPS Mode: up to 18 hours  GPS Mode, 10 min Tracking: up to 18 hours  Expedition Mode: up to 330 hours  Expedition Mode, 30 min Tracking: up to 300 hours</p> <p>MEMORY/HISTORY 16 GB (user space varies based on included mapping)  INTERFACE high speed micro USB and NMEA 0183 compatible</p>
5	<b>Underwater Camera (Olympus OM-D E-M10 IV Camera with 14-42mm EZ Lens)</b>	<p>Olympus OM-D E-M10 IV Camera with 14-42mm EZ Lens:  20.3 Megapixel  5-Axis In-Body Image Stabilization  Wi-Fi Easy Wireless Sharing  4K Ultra HD Video  Micro 4/3 Lens Mount  Includes Olympus 14-42mm f/3.5-5.6 EZ ED M Lens</p>
	<b>Olympus BLS-50 Li-Ion Battery</b>	Olympus BLS-50 Li-Ion Battery
	<b>Olympus BCS-5 Battery Charger</b>	Olympus BCS-5 Battery Charger (external)

6	<p align="center"><b>Underwater Housing (OPEN BOX DISPLAY Ikelite Olympus OM-D E-M10 III &amp; E-M10 IV Underwater Housing 200DLM/A with MIL Dome Port &amp; Zoom Gear for 14-42mm EZ lens)</b></p>	<p>OPEN BOX DISPLAY Ikelite Olympus OM-D E-M10 III &amp; E-M10 IV Underwater Housing 200DLM/A with MIL Dome Port &amp; Zoom Gear for 14-42mm EZ lens:            200 ft (60m) depth rating            DLM Type-A port mount            Controls for all camera functions except Fn lever, preview button, and diopter adjustment dial            Two 1/4-20 threaded tray mounts with 3" (76mm) spacing            Slightly negative buoyancy in freshwater            Actual buoyancy varies depending on the choice of lens and port            2.7 lbs (1238 g)            7.75 x 5.75 x 5.25" (197 x 146 x 133 mm)            ABS-PC, acrylic, and acetal construction            2 year limited warranty</p>
7	<p align="center"><b>Diving Sets</b></p>	<p>Full diving set,            Suite (3mm, 1pieces),            Long sleeve            BCD (integrated weight belt with stainless D ring steel),            Boot,            Fins (with strap),            Regulator (balanced-piston first stage, resistance to freezing, Air-balanced flow-through piston, plated marine grade brass body, one high pressure gauge, one on each side of the body, Standard "smart" hose routing cap offers four low pressure ports angled (+/- 20°) for more convenient hose routing, 232bar INT, 2nd stage metal components provide increased resistance to freezing when diving in extreme water conditions, Air-balanced valve smoothes out the inhalation effort when diving at varying depths and supply pressures, High-flow exhaust valve reduces exhalation for better overall breathing comfort, Diver-adjustable inhalation effort knob fine-tunes air delivery to suit personal tastes, Octopus &amp; Consol including depth gauge and compass),            Mask + Snorkel,            Belt (Stainless steel buckle), weights (4 pieces 2kg +2 pieces 1 kg each),            Diving Computer            diving bag.</p>

8	<b>Laptop computer</b>	Processor: Intel Core i7 12 Gen. 12550 RAM: 16 GB Storage: 1 Tera Graphics: 2 Giga Display: 15.6" Graphics: 2 Giga Display: 15.6" Heavy duty with basic required accessories and case.
9	<b>Scanner</b>	High Speed computer scanner, ( Scan speed 8 pages per minute or faster) Support 300 DPI resolution or more Support A4 document size or more Support standard USB and WIFI connectivity
10	<b>Laser Color Printer</b>	Laser color printer, printing speed 20 pages per minute or faster Supports A4 paper size Connectivity WIFI + High speed USB + Ethernet Printing resolution 300 DPI or more
11	<b>External Hard Disk</b>	High performance Capacity storage 8 Terabytes or more