

## TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

Sl No.	Description of items	Quantity
File No.	PUR/337/URASG/RM/E/2023-24	
1	<b>SUPPLY OF UNDERWATER ALTIMETER WITH ACCESSORIES FOR ALTIMETER.</b>  <b>(DETAILED SPECIFICATIONS AS PER ANNEXURE – I)</b>	01 No.

### 1. DELIVERY PERIOD:

The delivery period is to be completed within 06 weeks from the date of issue of purchase order.

### 2. PAYMENT TERMS:

100% payment shall be paid within 30 days after delivery of Underwater Altimeter and acceptance of the material upon submission of claim supported by the acceptance certificate issued by the purchaser.

### 3. BID SECURING DECLARATION FORM:

Bid Securing Declaration is to be submitted by the Bidder as per the format prescribed in the tender document.

### 4. WARRANTY:

01-year warranty to be provided by the supplier from the date of satisfactory installation of ordered goods.

### 5. MANUFACTURER AUTHORITY FORM:

Manufacturer Authorisation Form to be provided by the supplier.

### 6. PLACE OF DELIVERY:

CSIR- CMERI, M.G. AVENUE, DURGAPUR- 713209, West Bengal.

### 7. MAKE IN INDIA CERTIFICATE FOR LOCAL CONTENT

Certificate for local content to be provided by the supplier in form 14 (Format attached along with Tender Document). Percentage of value addition & Name and address of the factory where the value addition was made should be mentioned clearly in the Form 14.

**Detailed Specification**

**Underwater Altimeter**

**Specification: -**

Depth Rating: 500 m or more  
Maximum Range: 100 m or more  
Resolution: 1 cm or less  
Communication: Serial (RS-232/ RS-485)

**Note:**

Necessary technical, operational manual and interfacing software has to be supplied.

**Accessories for Altimeter**

- i. **Embedded computing board with enclosure for Data Acquisition of Altimeter: 01 Nos**

**Specification:**

GPU Compatibility: NVIDIA / Intel (Minimum 8 GB)  
Networking: Gigabit Ethernet RJ-45, Wi-Fi  
Display Output: DP / HDMI (UHD)  
Operating Temperature: Minimum 50°C  
Storage: 256 G SSD NVMe  
USB: USB 3.0 Type-A (Minimum 2 ports)  
Expansion Ports: I2C / UART / GPIOs / CAN with transceiver  
Power: 12V / 24V (Max: 100 W)

- ii. **Underwater cable both end terminated with connector: 1.0 m to 1.5 length (3 ft to 5 ft): 01 set**
- iii. **Mating bulk head connectors: 02 No**