

TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

Sl No.	Description of items	Quantity
File No.	PUR/337/URASG/RM/E/2023-24	
1	SUPPLY OF UNDERWATER ALTIMETER WITH ACCESSORIES FOR ALTIMETER. (DETAILED SPECIFICATIONS AS PER ANNEXURE – I)	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:1cm 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 SSDNVMe
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): 01set**
- iii. Mating bulk head connectors:02 No**