

**E-5**

**PROCUREMENT OF GOODS  
UNDER  
NATIONAL SHOPPING PROCEDURES**

*(For Contracts valued less than the  
INR 2.50 Lakhs )*

**Quotation No. 04/2023-24 Dated 04-03-2024**

**RE-QUOTATION -3**

**Name of work:-NHP-AWP 2023-24 Activity code-A1.3.01-AWP ID  
18426 Procurement of Current Meter and Accessories for Hydrology  
Section, Vamanapuram. (Package No-NHP-2023-2024-KLSW-366889)**

**INVITATION FOR QUOTATIONS FOR SUPPLY OF  
GOODS /SERVICE UNDER NATIONAL SHOPPING PROCEDURES**

To

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Dear Sir,

Sub: INVITATION FOR QUOTATIONS FOR PROCUREMENT OF CURRENT METER AND ACCESSORIES FOR HYDROLOGY SECTION,VAMANAPURAM

1. You are invited to submit your most competitive quotation for the following goods:-

| Sl. No. | Brief Description of the Goods  | Specifications*   | Quantity | Delivery Period                                | Place of Delivery                          | Installation Requirement if any |
|---------|---|---|----------|--|--|---------------------------------|
| 1       | <b>Cup type Water Current Meter</b><br>Supply of Cup type Water Current Meter comply with IS 3910- 1992             | Supply of Cup type Water Current Meter comply with IS 3910- 1992 Sensor :- Model 6 cup wheel, contact- every one revolution, packed in wooden box with sensor range 0.05to 3.5 mls(starting up to maximum operational velocity), sensor accuracy for velocities upto.30 m/s(1 % full scale),contact chamber magnetic or optic fibre, suspension:-wading rod 3 m with graduations in cm, electrical cable running from current meter to counter,length 10m,suspension cable 7m integrated with electrical cable, tail fin length>0.25 m beyond the attach point of the suspension. The tail fin shall be capable of aligning the current meter in the direction of flow and keep It stable in that position throughout the full velocity range. Accessories-Standard instrument tools, spare bearings,fishweight-10kg, carrying cases for current meter with counter and fish weights.Fish Weight bottom hook should have sufficient strength to carry additional fish weights. <b>Test Certificate : Calibration/Test Certificate to be produced from a recognized institution.</b> | 1 No.    | 90 days from the date of issue of supply order | Hydrology Sub Division Thiruvana nthapuram |                                 |
| 2       | <b>Digital water current meter</b><br>Supplying of Direct water current meter with depth analyzer for river gauging | Supplying of Direct water current meter with depth analyzer for river gauging, with necessary accessories and test certificate as per specifications, excluding GST etc complete.(Detailed Specification attached separately.)  | 1 No.    |  |  |                                 |

\* Where ISI certification marked goods are available in the market, procurement should generally be limited to goods with those or equivalent marking only.

2. Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to RS \_\_\_\_\_ towards the cost of the \_\_\_\_\_ Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Bid Price**

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than 30 days after the deadline date specified for submission.

6. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ; and
- (b) conform to the terms and conditions, and specifications.

The Quotations would be evaluated for the entire item together/~~would be evaluated separately for each item.~~ [Select one of the options].

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

7. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Warranty/ guarantee for 3 years shall be applicable to the supplied goods.

9. You are requested to provide your offer latest by 13.30. hours on 13-03-2024 .Bid opening will be done on the same day at 3.00 PM.

10. We look forward to receiving your quotations and thank you for your interest in this project.

(Purchaser)

Chengannur  
04-03-2024

  
Name: **Executive Engineer**  
Address: **Hydrology Division**  
**Chengannur**

Tel. No. 0479-2451459  
Email.hydrologydivisioncgnr@gmail.com

**FORMAT OF QUOTATION \***

| Sl. No       | Description Goods  | Specifications  | Qty. | Unit | Quote d Unit Rate in Rs. | Total Amount |          |
|--------------|--|---|------|------|--------------------------|--------------|----------|
|              |  |   |      |      |                          | In Figures   | In Words |
| 1            | Supply of Cup type Water Current Meter & Accessories for Hydrology section Vamanapuram | Supply of Cup type Water Current Meter comply with IS 3910- 1992 Sensor :- Model 6 cup wheel, contact- every one revolution, packed in wooden box with sensor range 0.05to 3.5 mls(starting up to maximum operational velocity), sensor accuracy for velocities upto.30 m/s(1 % full scale),contact chamber magnetic or optic fibre, suspension:-wading rod 3 M with graduations in cm, electrical cable running from current meter to counter,length 10M,suspension cable 7M integrated with electrical cable, tail fin length>0.25 m beyond the attach point of the suspension. The tail fin shall be capable of aligning the current meter in the direction of flow and keep It stable in that position throughout the full velocity range. Accessories-Standard instrument tools, spare bearings,fishweight-10kg, carrying cases for current meter with counter and fish weights,Fish Weight bottom hook should have sufficient strength to carry additional fish weights. <b>Test Certificate : Calibration/Test Certificate to be produced from a recognized institution.</b> | 1    | Nos  |                          |              |          |
| 2            | Supply of Digital water current meter & Accessories for Hydrology section Vamanapuram  | Supplying of Direct water current meter with depth analyzer for river gauging, with necessary accessories and test certificate as per specifications, excluding GST etc complete.(Detailed Specification attached separately.)  | 1    | Nos  |                          |              |          |
| <b>TOTAL</b> |  |   |      |      |                          |              |          |

**Gross Total Cost : Rs.**

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. (Rs. ....)

.....) within the period specified in the Invitation for Quotations.

We also confirm that the commercial warranty/guarantee of 10957 days shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

**Signature of Supplier**

\* *Applicable while the bids are being invited for more than one item and would be evaluated for all the items together. Modify where evaluation would be made for each item separately.*

**Name of Work:- NIIP 2023-24- Activity Code- A1.3.01- AWP ID:18426- Procurement of Cup type water Current Meter & Digital Current Meter for Hydrology Section Office Vamanapuram under Hydrology Sub division, Thiruvananthapuram**

**Specifications for Direct Reading Digital Water Current Meter with Depth analyzer for river gauging**

1. **Portable Hand- held Direct Reading Current meter:** Lightweight portable hand held device to carry along with the sensor which includes the battery inside. Facility to display both velocity and operational depth in its respective engineering units.
2. **Display :** Single OLED display panel for both Velocity and Depth.
3. **Measurement type:** All parameters are measured as direct reading in OLED display unit.
4. **Automatic stabilization:** The underwater probe should have facility to remain horizontally stabilized automatically for eliminating Cosine Angle Error, caused by tilt of suspension cable.No additional dead weight shall be added for stabilization.
5. **Water current :** Direct reading in m/sec.(Average of 12.5 seconds) rounded to two decimal places.
6. **Water current sensing method:** Using Savonius rotor with non– contact inductive signal pick-up
7. **Measured value.** Always average value of 12.5 seconds.
8. **Range of velocity:** 1 to 5 m/sec, with an accuracy of +/-0.02m/sec
9. **Threshold value of velocity:** Less than 0.02m/sec
10. **Hydro dynamic stabilization:** The sensor should have horizontal stability using vertical and horizontal fins and suitable fulcrum.
11. **Operational depth:** To display the operational depth of the current sensor at its exact depth of measurement.
12. **Depth of operation:** 0 m to 12 m with an accuracy of +/-0.12m rounded to two decimal places.
13. **Display:** Single display for both Velocity and Depth in SI units
14. **Weight of the sensor along with fish weight(dead load):** Less than 8 Kg. in air.
15. **Application:** Suitable for both fresh and saline water applications.
16. **Power:** Rechargeable Lithium battery with Battery charger.
17. **Cable length:** 70m
18. **Material:** Stainless steel for marine use also
19. **Carry case:** Specially designed box with brackets and handles for easy transportation of the equipment.
20. **Sensor handling rope:** Nylon rope 70m
21. **Optional facility:** Memory storage device as SD card can be added on demand at extra cost
22. **Warrantee:** 1 year against manufacturing defects.
23. **Test Certificate :** Calibration/Test Certificate to be produced from a recognized institution.
24. **Training :** Vendor needs to provide minimum 1 day training as per buyer requirement.
25. **Delivery at :** Hydrology Sub Division office at Thiruvananthapuram or any other place as directed by
26. **Fish Weight bottom hook** should have sufficient strength to carry additional fish weights.