INDIAN INSTITUE OF TECHNOLOGY KANPUR
Department of Civil Engineering

Enquiry letter for Ultrasonic Transit-Time Flowmeter for Open Channel

Reference: IITK/CE/HWRE/IMPRINT/OC **Dated: 23-11-2018**

Sir/Madam,

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover. Configuration/Specification is given below:

a) Supply and demonstration of Ultrasonic Transit-Time Flowmeter for Open Channel as per the technical specifications given below.

Make	One of the followings: SmartMeasurement, Nivus, Hydrovision, Omega, Greyline, Dynasonics, Rittmeyer, Siemens, Sierra, Titan, LTH, Quantum, or any other which fulfils our specifications.
Transducer frequency	Less than 500 kHz
Channel/River width	1 to 100 m
Velocity Range	-20 m/s to 20 m/s (Also mention, how instrument can be used to measure discharge in the channel)
Accuracy	Less than ±1% of the actual flowrate
Type of liquid	Clean or sediment laden water (Clearly mention the type of liquid under which the flowmeter is operational. Also specify other liquids in which the flowmeter can be used)
Ambient conditions	0 to 50°C and 90% relative humidity
Rating	Specify rating of the transducer enclosure
Accessories	Include all other accessories needed for installation
Power requirement	AC/DC (or option for both)

b) The rate should include all taxes, accessories, installation, spares and initial calibrations, along with warranty for a minimum of three years. The tender should mention all the prices of the individual components clearly and separately.

After Sales Service:

1. For providing after sales service, the vender should have quick service support for IIT Kanpur with adequate service persons, spares & all required accessories.
2. Single point of contact for support: Vender has to provide details of single point of contact viz. Designation, address, and email address, telephone/mobile no. Escalation matrix for support should also be provided with full details.

Kindly send your offer (original, signed in sealed envelope) for the above items mentioning the following:

1. All quotation must reach undersigned by 17-12-2018, before 5 P. M.
2. Validity of quotation should be **at least for 60 days**.
3. Cost of the item with technical specification in detail along with **warranty and guarantee** period.
4. **Educational discount** applicable, considering end use for research and teaching.
5. **Acceptance of 5% GST against GST exemption certificate provided by IIT Kanpur**.
6. Prices should be quoted on the basis of delivery to IIT Kanpur.
7. Delivery must be within 01 months.
8. Quotation should carry proper certification like **agency and/or proprietary certificate**, etc.
9. Normal payment terms for the Institute will be applicable (**90% on delivery of the items and remaining 10% after satisfactory installation/inspection**).
10. Prices should be in Indian Rupees.
11. The IIT Kanpur authority reserves all the rights to cancel the tender at any stage without any clarification.
12. Any other relevant details.

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