

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Civil Engineering

Enquiry letter for Ultrasonic Transit-Time Flowmeter

Reference: IITK/CE/HWRE/IMPRINT/FM

Dated: 12-05-2017

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 as per the technical specifications given below.

Make	One of the followings: Omega, Greyline, Dynasonics, Nivus, Rittmeyer, Hydrovision, Siemens, Sierra, Titan, LTH, Quantum
Transducer frequency	1 MHz
Transducer beam type	Wide beam (Provide specification as narrow/wide)
Rating	Specify rating of the transducers enclosure
Liquid	Clean or semi-clean liquid operate in less than 2% solids or gas bubbles (Specify ppm range of solids and gas bubble % up to which the flowmeter is operational). Also specify other liquids in which the flowmeter can be used.
Flow velocity	From ± 0.02 to 12 m/sec
Pipe diameter	2 to 48 inches
Pipe material	Galvanized iron and PVC (Mention other pipe materials also in which it is operational)
Accuracy	Less than $\pm 1\%$ of the measured value
Accessories	Include all the required accessories. Please specify if the flowmeter or its accessories are compatible with other transducers/flowmeters.
Power requirement	AC/DC or option for both (Mention magnitude of the same)

- b) The rate should include all taxes, accessories, 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 ~~May 22, 2017~~ **May 29, 2017**, 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. Prices should be quoted on the basis of delivery to I I T Kanpur.
6. Delivery must be within 01 months.
7. Quotation should carry proper certification like agency and/or proprietary certificate, etc.
8. Normal payment terms for the Institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection).
9. Prices should be in Indian Rupees.
10. Any other relevant details.



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