



राष्ट्रीय प्रौद्योगिकी संस्थान मणिपुर
NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

Imphal, Manipur, Ph. (0385) 2058566 / 2445812

E-mail:- director@nitmanipur.ac.in , Website : www.nitmanipur.ac.in

An Autonomous Institute under MHRD, Govt. of India.

No. NITM.1/(265-Estt)/SERB/Tamphasana/2020(Pt.)/224

Imphal, the 22nd March, 2021

**NOTICE INVITING TENDER FOR SUPPLY AND INSTALLATION OF ACOUSTIC
DOPPLER VELOCIMETRY (ADV) AT NIT MANIPUR**

National Institute of Technology Manipur invites sealed Tender/Quotations from reputed Firms/Agencies/Manufacturer/Authorized Dealer **FOR SUPPLY AND INSTALLATION OF ACOUSTIC DOPPLER VELOCIMETRY (ADV) AT NIT MANIPUR** in two bid system i.e, Technical and Financial.

The sealed Tender/Quotations should reach to “**The Registrar, National Institute of Technology Manipur**” on or **before 3.00 p.m. of 12/04/2021**. Incomplete or those received without Tender Fee and after due date and time shall be summarily rejected.

National Institute of Technology Manipur reserves the right to extend the date, or cancel the tender, accept or reject any/all quotations or not to purchase all or any of the items without assigning any reason thereof. Tender will be opened on **13/04/2021 at 2:00 p.m.** in the presence of the tenderers or their representatives, if they so desire, at NIT Manipur. The complete Tender document and terms & conditions are available in the institute web-site **<http://www.nitmanipur.ac.in> & eProcurement**. Detail specification of the item/items are given in **Annexure-I**.

Sd/-
Registrar, NIT Manipur



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ANNEXURE-I

Sl.No	Description	Specification
Type of measuring device		
1	Velocity measurement device	3D type
2	Measurement technique	Acoustic Doppler velocity measurement
Application and measurement parameters		
3	Application	Under water flow velocity measurement
4	No. of velocity components	3
5	Operating Temperature	Ambient (0-40° C)
6	Velocity range	± 0.03 to 4 m/s
7	Accuracy	±0.5 % of measured value ± 1 mm/s
8	Min. distance from wall	5 cm
9	Sampling rate	200 Hz
10	Acoustic Frequency	10 MHz
Item list		
11	Quantity	1 (One) set of probe-instrument, hardware, software
12	Probe type	Down looking probe
13	Probe to instrument connection	fixed stem type
Hardware		
14	Hardware	Suitable hardware for online signal processing
15	Output to desktop or laptop	Suitable output connector arrangement for connecting with laptop/desktop. Laptop / desktop are not part of the supply.
Material		
16	Probe material and Housing	Stainless steel (316) probe ; POM housing
17	Cable	10m signal processor cable with Impulse underwater connector
Power		
18	DC input	12-48V DC
19	Max. consumption	1.5 W at 200 Hz
Dimensions		
20	Maximum diameter	66 mm
21	Maximum length	350 mm (housing only), 365 mm (fixed stem)
Weight		
22	Weight in air	1.2 kg
23	Weight in water	Neutral



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INSTRUCTION TO BIDDERS

1. The tenderers are required to submit '**Bid Security Declaration Form**' in the tender document alongwith a non-refundable tender fee of **Rs. 500/- (Rupees five hundred) Only** in the form of Demand Draft/Banker's Cheque in favour of Director, NIT Manipur payable at State Bank of India, Secretariat Branch, Imphal should be submitted along with the Tender documents. Tenders without Tender Fee will be rejected.
2. Offer in the financial bid should be written in English and price should be written both in figures and words. The offer should be typed or written in ink pen or ball pen. Use of pencil will be ignored. The relevant supporting documents as required must be enclosed.
3. Tenders should be submitted in two parts, (i) Part – I (Technical Bid) & (ii) Part – II (Financial Bid). Envelope of Part – I should be superscribed as "**Technical Bid for supply and installation of Acoustic Doppler Velocimetry (ADV)**" and Envelope of part – II should be superscribed as "**Financial Bid for supply and installation of Acoustic Doppler Velocimetry (ADV)**."

Envelope of technical bid & financial bid should be individually sealed and placed in third envelope to be sealed and superscribed as "**TENDER FOR SUPPLY AND INSTALLATION OF ACOUSTIC DOPPLER VELOCIMETRY (ADV) AT NIT MANIPUR**" along with Advt. No. in bold letters at the top of the envelope should reach to **The Registrar, National Institute of Technology Manipur** on or before **3.00 p.m. of 12/04/2021**. Incomplete or those received without Tender Fee after due date and time shall be summarily rejected. National Institute of Technology Manipur reserves the right to extend the date, or cancel the tender, accept or reject any/all quotations or not to purchase all or any of the items without assigning any reason thereof.

4. No tender will be entertained by E-mail or FAX.
5. **Tender documents will be opened on 13/04/2021 at 2:00 PM** in the Conference Hall of the Institute in the presence of the tenderer(s) or their authorized representative(s), who are present at the scheduled date and time.
6. In the event of the due date of receipt and opening of the tender being declared as a holiday for the Institute, then due date of receipt / opening of the tender will be the next working day at the same time.
7. The tenderers are requested to read the tender document carefully and ensure to comply with all the instructions herein. Non-compliance of the instructions contained in this document may disqualify the tenderer from the tendering exercise.
8. Payment shall be made only after receipt of the materials/articles in good and working conditions as per specifications and after satisfactory installation and commissioning of the equipments/machinery/accessories.
9. Delivery should be made within 30 (thirty) days from the date of issue of purchase order.

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ANNEXURE - II

TECHNICAL BID (PRE-QUALIFYING REQUIREMENT)

**FOR SUPPLY AND INSTALLATION OF ACOUSTIC DOPPLER VELOCIMETRY (ADV)
AT NIT MANIPUR**

1	Name of the Firms/Agencies/Manufacturer/Authorized Dealer	
2	Registered Office address Telephone Number Fax Number e-mail	
3	Correspondence/contact address	
4	Details of Contact Person (Name, designation, address etc.) Telephone Number (including Mobile No) Fax Number, e-mail	
5	Is the firm a registered company? If yes, submit documentary Proof. Year and Place of the establishment of the company	
6	Former name of the Company, if any.	
7	Is the firm *Government/ Public Sector Undertaking *Propriety firm *Partnership firm (if yes, give partnership deed) *Limited company or limited corporation *Member of a group of companies(if yes, give name and address and description of other companies) * Subsidiary of a large corporation (if yes give the name and address of the partner organization) If the company is subsidiary, state what is the involvement of the parent company in the project.	
8	GST Certificate of the firm	
9	Is the firm registered under Labour Laws Contract Act? If yes, submit valid registration certificate.	
10	Attach the organizational chart showing the structure of the organization. Total number of employees	
11	Latest Income Tax Clearance Certificate	
12	Are you registered with any Government/ Department/ Public Sector Undertaking as Small Scale Industry (if yes, give details)	



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ANNEXURE – III

FINANCIAL BID

**FOR SUPPLY AND INSTALLATION OF ACOUSTIC DOPPLER VELOCIMETRY (ADV)
AT NIT MANIPUR**

Sl. No	Description	Qty . Required	Rate per unit (Rs)	Total Amount (Rs)
1	Acoustic Doppler Velocimetry (ADV)	01 (one)		
		GST (%)		
		Grant total (Rs)		

(Rupees in words.....)



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ANNEXURE - IV

**DECLARATION REGARDING BLACKLISTING / DEBARRING FOR TAKING PART IN
TENDER.**

I / We Manufacturer / Partner(s)/
Authorized Distributor /agent of M/s hereby declare that the firm/company namely M/s.
..... has not been blacklisted or debarred in the past by
Union / State Government or organization from taking part in Government tenders in India.

Name:.....

Signature:.....

Date:.....



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ANNEXURE-V

Bid-Securing Declaration Form

Dated:

Bid No.....: Dated:

To,

.....
.....
.....

The undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration. We accept that We may be disqualified from bidding for any contract with you for a period of Days from the date of Bid Submission if we are in a breach of any obligation under the bid conditions, because we

- (a) Have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- (b) Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
- (i) Fail or reuse to execute the contract, if required, or
- (ii) Fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

We understand this Bid Securing Declaration shall cease to be valid if we are not the successful Bidder, upon the earlier of

- (i) the receipt of your notification of the name of the successful Bidder; or
- (ii) Thirty days after the expiration of the validity of our Bid.

Seal & Signature of Corporate Seal

Designation:

Name:

Duly authorized to sign the bid for an on behalf of

Dated on