



**Central Purchase unit**  
**National Institute of Technology Srinagar (J&K) -190006**

Email: cpu@nitsri.ac.in

\*\*\*\*\*

**Document for Tender No.57 of 2019 Dated 11.03.2019**

**"Tender Notice for Invitation of bids for supply of Vectrino (Lab Version) Software for Fluid Mechanics lab of Civil Engg. Department"**

**-0-0-0-**

1. Sealed Bids are invited for supply of equipment having detailed Specifications as given in Annexure –I, in a 2- bid format on the terms & conditions and as per the instructions given below from para-2, from interested eligible bidders:
- 2. Techno-Commercial Bid, Containing the following documents in Envelope- A:-**
  - (a) Proof of being Original equipment manufacturer or Distributor/Marketing agent/ Authorized dealer in the shape of copy of agreement and registration under law in force.
  - (b) *The OEM (Original Equipment Manufacturer) of offered product should be ISO 9001:2015 and ISO 14001:2015 certified or certified by any other national or international regulatory body or a reputed manufacturer. The products quoted must also be certified.*
  - (c) PAN card & Tax registration document of the firm.
  - (d) ITR's of previous 3-years.
  - (e) *Proof of annual turnover of the firm for last three years in such trade, which shall not be less than Rs.30.00 lacs., with at-least one such contract worth not less than Rs. 10.00 lacs or two such contracts worth Rs. 15.00 Lacs to reputed Institutes/ organizations/ Departments during last three years.*
  - (f) Proof of availability of after-sale support & service.
  - (g) Bid security for Rs. 0.30 lacs in the form of CDR/BD/DD/TDR/FDR pledged to Officer In-charge, Central Purchase Unit NIT Srinagar (J&K) and tender document fee Rs.1,000/- in the form of DD, favoring of Director, NIT Srinagar. Tender without bid security /document fee shall be rejected.
  - (h) Bid form in the format given in Annexure-II duly filled.
  - (i) List of organizations/ Institutions where such equipment has been supplied & installed successfully during last 3-years.
- 3. Price Bid Containing the following in Envelope-B:-**
  - (a) Prices offered and quoted both in words & figures. Prices must be offered /quoted in the format enclosed as Annexure-III in INR only. The rates quoted should be covered with transparent tape.
  - (b) The rate quoted should be FOR NIT Srinagar (J&K).
  - (c) Bid price should be without over writing. However minor over writing should be clearly signed by the bidder. In case of any discrepancy between price quoted in figures and words, the price quoted in words will prevail. Bid price should be firm for the bid validity period.
  - (d) All duties, taxes and levies ( GST or other charges) payable, must be included but quoted separately.
  - (e) As per SRO 129 of Government of Jammu & Kashmir, the institute is Exempted from State entry tax. The Institute will provide Entry tax exemption certificate to successful bidder with supply order. The
- 4. Validity of Bids**

Bids shall remain valid at least for 120 days from the date of opening of the bids.

## **5. Evaluation of Bids.**

(a) The purchaser shall first evaluate and compare the technical bids as per following criteria to determine the techno-commercially qualified bidders:

- (i) Properly filled and signed as per given formats
- (ii) Conform to terms and conditions and technical specifications.
- (iii) Are accompanied with Bid security and all other documents

(b) *In the 2<sup>nd</sup> step, the financial bids of only those bidders who qualify from the above process will be evaluated to determine the final successful bidder.*

## **6. Award of contract.**

(a) Contract shall be awarded to the bidder whose bid is commercially-technically qualified and is offered at lowest reasonable evaluated price.

(b) Successful bidder shall be notified about the award of the contract through a supply order where- in terms and conditions of supply shall be incorporated.

## **7. Payment & Performance Guarantee:**

100% payment shall be made after successful receipt of goods in good condition as per specifications and after successful installation & commissioning. 10% will however be retained as security deposit against performance guarantee for the warranty period.

## **8. Warranty and after sale service:**

(a) All items shall carry comprehensive standard warranty from the date of installation & commissioning as well as service support after expiry of warranty.

## **9. Settlement of disputes.**

Settlement of disputes if any shall be subject to the jurisdiction of Srinagar Courts only.

## **11. Liquidated Damages.**

If the bidder after accepting the purchase order of goods/equipments or services, fails to deliver any or all of the goods/equipments or to perform the services with-in the specified period, a penalty of 0.50%(half percent) of the price value of the item per week or part thereof shall be imposed. NIT Srinagar shall proceed on its own to consider the termination of the supply order, on the risk & responsibility of the defaulting bidder, in case it is found that supplier is not interested to supply and delay is causing academic loss.

## **12. Submission of Bids.**

(a) ***The last date for submission of bids is 27.03.2019 up-to 4.00PM.***

(b) Bids should be properly sealed.

(c) The two envelopes A & B should be separately sealed and superscripted as Techno-Commercial Bid & Price Bid. On Each envelope the due date of submission, Name of equipment/item/department; tender number and name of bidder should also be written .

These two sealed envelopes should be sealed in a bigger Envelop with the address of the Tender receiving Officer; Tender Number; due date of submission, Name of equipment/item/department and name of bidder is written neatly.

(d) Bids should be addressed to Officer In-charge, Central Purchase Unit NIT Srinagar (J&K)

(e) Bids not from Srinagar shall be dispatched sufficiently well in advance so as to reach the destination as per scheduled time & date. NIT Srinagar shall not be responsible for any delay caused by Post or Courier agency.

## **13. Bid opening.**

(a) The Technical Bid (Envelope- A) will be opened first on 28.03.2019 at 2.30 pm in the office room of the undersigned in the administrative block of the Institute.

Price Bid (Envelope-B) of the qualified bidders as detailed above will be opened subsequently. Interested bidders can attend the Bid opening.

14. Notwithstanding above, the purchaser reserves the right to reject any or all the bids received in response to this N.I.T. or withdraw it without assigning any reasons thereof.

15. For any future information or corrigendum or addendum regarding this tender, please be in touch with our website: [www.nitsri.ac.in](http://www.nitsri.ac.in).

16. any clarification may sought on the following emails:

- Indenter: maahanger@nitsri.ac.in
- Central purchase Unit: cpu@nitsri.ac.in

Officer In-charge  
Central Purchase unit, NIT Srinagar  
Email: cpu@nitsri.ac.in

N.B.

1. Before preparing your valuable bid kindly go through the document fully and take care of all the requirements.
2. Bidders from outside Srinagar may please send their Bids well in advance so that these are received in time.

**No. NIT/CPU/18/4727**

**Dated 11.03.2019**

**Annexure-I**  
**“Name &/Specifications of equipments ”**

<b>S. No.</b>	<b>Description of the item</b>	<b>Specification/</b>	<b>Quantity</b>
1	Vectrino (Lab Version)	<p><b><u>Vectrino (Lab Version)</u></b>: Acoustic Doppler Velocimeter, plus firmware, 200 Hz sampling rate, 4 beam, 3D down-looking probe. Housing with 12-pin underwater connector and 10m cable with 12-pin underwater connector RS232 with USB Converter and professional transportation and storage case.</p> <p><u>Water velocity measurement</u></p> <p>Range: <math>\pm 0.01, 0.1, 0.3, 1, 2, 4</math> m/s (user selectable)  Accuracy: <math>\pm 1\%</math> of measured value <math>\pm 1</math> mm/s  Sampling rate (output): 1–200 Hz (Plus firmware)</p> <p><u>Sampling Volume</u></p> <p>Distance from probe: 0.05 m  Diameter: 6 mm  Height (user selectable): 3–15 mm</p> <p><u>Echo intensity</u></p> <p>Acoustic frequency: 10 MHz  Resolution: Linear scale  Dynamic range: 25 dB</p> <p><u>Sensors</u></p> <p>Temperature: Thermistor embedded in probe  Range: <math>-4^{\circ}\text{C}</math> to <math>32^{\circ}\text{C}</math>  Accuracy/Resolution: <math>1^{\circ}\text{C}/0.1^{\circ}\text{C}</math> 5  Time response: 5 min</p> <p><u>Data Communication</u></p> <p>I/O: RS 232. The software supports most commercially available USB–RS 232 converters.  Communication Baud rate: 300–115 200 Baud  User control: Handheld via Vectrino Win32® software, ActiveX® function calls, or direct commands.  Analog outputs: 3 channels standard, one for each velocity component.  Output range: 0–5 V, scaling is user selectable.  Synchronization: RS-485, start on sync, sample on sync, transmit on sync (Plus Firmware)</p> <p><u>Multi Unit Operation</u></p> <p>Software: Polysync  I/O: RS 232–USB support for devices with 1, 2, 4, and 8 serial ports.</p> <p><u>Software (“Vectrino”)</u></p> <p>Operating system: Windows®XP, Windows®7  Functions: Instrument configuration, data collection, data storage.  Probe test modes.</p> <p><u>Power</u></p> <p>DC Input: 12–48 VDC  Peak current: 2.5 A at 12 VDC (user selectable)  Max. consumption: 200 Hz 1.5 W</p>	1 No

		<p><u>Connectors</u> Bulkhead: MCBH-12-FS, bronze (Impulse) Cable: PMCIL-12-MP</p> <p><u>Materials</u> Standard model: Delrin® housing, Stainles steel (316) probe and screws.</p> <p><u>Environmental</u> Operating temperature: -4°C to 40°C Storage temperature: -15°C to 60°C Shock and vibration: IEC 721-3-2</p> <p><u>Dimensions</u> Maximum diameter: 66 mm Maximum length: 350 mm (housing only), 365 mm (fixed stem) Weight in air: 1.2 kg Weight in water: Neutral</p>	
2		Explore V post-processing software	01 No

**Annexure-II**  
**BID FORM**  
\*\*\*\*\*

To,  
Officer In-charge,  
Central Purchase unit,  
NIT Srinagar.

Ref: Tender No. \_\_\_\_\_ issued under No.: NITS/CPU/ 2019/.....  
Dated..... for-----  
For .....Department

Sir,

With reference to above invitation for bids, we would like to say that we have gone through your bid document thoroughly and hence offer our competitive Technical/Price Bid in sealed envelope for the supply of various goods/equipment listed in your document.

The following documents constitute our Bid:

- Technical specification/ literature attached:- Yes/No
- Valid tax clearance certificate attached:- Yes/ No
- OEM/ Authorized Dealership / certificate attached Yes/ No
- Revenue stamp affixed. Yes/ No
- Rates covered with transparent tape:- Yes/ No
- Bid document fee deposited:- Yes/ No
- Call Deposit Receipt enclosed:- Yes/ No
- Bid price in Indian Rupees:- Yes/ No
- FOR Srinagar:- Yes/No
- Bid without correction/overwriting:- Yes/ No
- Price Bid schedule in the requisite format
- List of organization where this equipment has been supplied/Installed

Kindly feel free for any enquiries and clarifications.

Yours Sincerely

From M/S.....

Place:

Telephone No.....Email:

Date.....

**Annexure-III**

\*\*\*\*\*

**Price Schedule**

\*\*\*\*\*

<b>S. No</b>	<b>Name of equipment/ Goods /item</b>	<b>Basic cost</b>	<b>GST</b>	<b>Any other tax</b>	<b>Total unit price</b>	<b>Quantity</b>	<b>Total Price</b>
1							
2							
3							
4							
5							

