



Central Purchase unit

National Institute of Technology Srinagar (J&K) -190006

Fax:- 0194-2420475 email: CPU@nitsri.ac.in

Document for Tender Notice No. 22 of 2018 Dated 26.10.2018.

"Tender Notice for Invitation of bids for the supply of Lab Items for (ISEA-II Project) of Electronics & Comm. Engg. Department.

-0-0-0-

1. Sealed Bids are invited for the lab equipment having detailed Specifications as given in Annexure -A. in two bid format on the terms & conditions given at para-2 and onwards:-
2. **Envelope- A (Techno-Commercial Bid) Containing the following documents:-**
 - (a) Proof of original equipment manufacturer/Distributor/ Authorized dealer in the shape of copy of agreement and registration under law as applicable.
 - (c) PAN card of the firm.
 - (d) Tax registration
 - (e) Proof of annual turnover of the firm for last three years which shall not be less than Rs.25.00 lacs to be proved by way of copy of audited accounts and income tax returns of 3 years.
 - (f) Proof of availability of after sale support/service.
 - (g) Bid security for Rs. 40,000/= in the form of CDR/TDR in favour of Officer In-charge, Central Purchase Unit NIT Srinagar (J&K) and tender document fee Rs.1,000/- in the form of DD, in favour of Director, NIT Srinagar. Tender without CDR/document fee shall be rejected.
 - (h) Proof of legal status.
 - (i) Bid format as per Annexure-B, & Technical specifications Schedule as per Annexure-C duly filled by the bidder.
 - (h) List of buyer of the said equipment.
3. **Envelope-B (Price Bid), Containing the following:-**
 - (a) Bid prices must be quoted both in words & figures in Indian Rupees only as per annexure D. The rates quoted should be covered with transparent tape.
 - (b) The rate quoted should be FOR NIT Srinagar (J&K) and firm. No escalation / rate variation requests shall be entertained.
 - (c) Bid price should be without any 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 quoted separately.**
 - (e) **The institute is Exempted from state entry tax and also from Custom/Excise duty. The Institute will provide exemption certificates for this purpose to successful bidder with supply order and also exempted from Custom/Excise duty.**
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 evaluate and compare the bids which are found Responsive. i.e
 - (i) Properly signed.
 - (ii) Conform to terms and conditions and technical specifications.
 - (iii) Accompanied with Bid security and all other documents.
 - (b) Bids shall be evaluated separately for each item.
6. **Award of contract**
 - (a) Contract shall be awarded to the bidder whose bid is commercially, technically responsive and offered at lowest 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.**
90% payment shall be released after receipt of equipment by the Indenter at NIT Srinagar in good condition as per prescribed specifications and successful installation/commissioning and training of the staff. 10% of the bill shall be retained as performance security for warranty period.
8. **Warranty and after sale service:**
(a) All items shall carry comprehensive standard warranty of two years from the date of commissioning and service support after expiry of warranty.
9. **Performance security.**
(a) Performance security shall be retained for the warranty period.
10. **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 within 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. The maximum penalty shall be limited to 10% of the cost. Once maximum is reached NIT Srinagar shall proceed on its own to consider the termination of the supply order, on the risk & responsibility of the defaulting bidder.
12. **Submission of Bids.**
(a) ***The last date for submission of bids is 17.11.2018 upto 16.00 hours.***
(b) Bids should be properly sealed.
(c) The two envelopes A & B should be separately sealed and superscripted as Techno-Commercial Bid & Price Bid, due date of submission, Name of equipment. These two sealed envelopes should be sealed in a bigger Envelope with the address of the Tender receiving Officer & Tender No.
(d) Bids should be addressed to Officer In-charge, Central Purchase Unit NIT Srinagar (J&K)190006
(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 by posts Deptt. or Courier agency.
13. **Bid opening.**
(a) The Technical Bid (Envelope- A) will be opened first on **22.11.2018 at 3.00 P.M** and Price Bid (Envelope-B) of the qualified bidders 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.**

Officer In-charge
Central Purchase unit, NIT Srinagar

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/ /18/4377-80

Dated 26.10.2018

Annexure-A

Technical Specification of workstation

S. No.	Item	Description	Quantity	Delivery period
01.	Wireless sensor network Kit	<p>WSN Mote : must have a microcontroller, radio and proper connector for connecting sensor boards with following specifications: Battery Pack : 2 X AA ,Program Flash Memory : $\geq 128K$ bytes,Serial Flash : ≥ 512 bytes,Configuration EEPROM : $\geq 4K$ bytes, Serial Communications : UART with 0-3V Transmission levels, ADC : at least 10bit with 8 channels,Interface : Digital I/O, I2C, SPI, IEEE 802.15.4 Data Rate : 250Kbps, RF Power : -24dBm to 0dBm, 3 LEDs (Red, Green & Yellow) , Expansion connector – 51 pin</p> <p>Sensor Board : Compatible with Mote , Onboard Temperature & Humidity, Barometric Pressure and Ambient Light Sensors, Dual-Axis Accelerometer, 64K EEPROM , 2K EEPROM , GPS Module</p> <p>USB Interfacing/Programming board : Baud Rate: 57.6 K, Connectors: - 51-pin, Mote LED's: Red, Green & Yellow, JTAG Interface : 10-pin male header , USB Bus powered</p> <p>Data Acquisition Boards: Compatible with WSN Mote, Up to 11 channels of 12-bit analog input, Onboard sensor excitation and high-speed counter 64K EEPROM for sensor calibration data, External I2C interface</p> <p>Software package : The software package should have: Interface for visualization and analysis of sensor data streams, Graphical interface to program flash and configure firmware images, Reliable mesh networking stack, Facility for Over the-air programming, Low powered radio protocol for battery powered devices, Utilities for data logging, parsing, conversions and alerts, Open source embedded operating system</p>	<p>WSN Mote: 7</p> <p>Sensor Board : 6</p> <p>USB Interfacing /Programm ing board:2</p> <p>Data Acquisition Boards: 2</p>	45 days After date of issue of supply order

2	IEEE 802.15.4 Protocol Analyzer for Wireless Network	Analysis of ZigBee Layers and profiles such as :ZigBee Specifications Network and Application Support layers , ZigBee Device Profile, ZigBee RF4CE, ZigBee Retail, ZigBee Light-Link, ZigBee IP and 6LoWPAN. Capture data from any of the 16 channels within the 2.4GHz band using USB dongle.Passive and Active scan for IEEE 802.15.4/ZigBee devices and networks.Simulate data captured. Provide timeview , network view and message view of captured messages.	01 No.	
3	Forensic Duplicator with Write Blockers	IDE/SATA , SAS , USB3 FireWire , PCIe Write Blockers, mSATA / M.2 to SATA Adapter Kit , Blade Type SSD Adapter , SATA LIF Adapter , microSATA, 1.8" IDE Laptop Adapter, 2.5" IDE Laptop Adapter , ZIF IDE Adapter , PCIe Card SSD Adapter, PCIe M.2 SSD Adapter, PCIe Apple SSD Adapter , forensic imaging of SATA, USB 3, PCIe, SAS, FireWire 800, IDE, and network shares, Outputs to SATA, USB 3, SAS, and network shares, Disk-to-File Duplication (Compressed .e01 & .ex01), Disk-to-Disk Duplication (Cloning), Compute Hash Values, Verify Hash Values, HPA/DCO Disable, Blank Check Drives, Format Drives, Wipe Drives, Display, Print, and Save Logs, Secure User Profiles, High-resolution color touch screen user interface		

(Tender opening format)
(To be filled-in by the Bidder)

Name of the firm:- _____

Tender for supply of _____

NIT No. &Date:- _____

Technical specification/ literature attached:- Yes/No

Valid tax clearance certificate attached:- Yes/ No

Registration/ Authorization Dealership/
manufacturer 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

Seal & Signature of the Supplier.

Annexure-B
BID FORM

From M/S.....

.....

To,

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

Ref: NIT No.: NITS/CPU/ 2018-19/..... Dated goods/Equipment 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.

- (a) Bid form
- (b) Price Bid schedule in the requisite format
- (c) Authorization dealer ship certificate from the manufacturer
- (d) Valid sales tax certificate
- (e) Technical literature for the goods/equipment
- (f) Names of organization where this equipment has been supplied. (Applicable for equipment whose unit price exceeds Rs.2.00 lacks
- (g) Bid security as mentioned in the schedule of requirements in the form of CDR drawn in favour of the Officer In-charge Central Purchase Unit NIT Srinagar.
- (h) Telephone No.....

Kindly feel free for any enquiries and clarifications.

Yours Sincerely

(.....)

From M/S.....

Place.....

Date.....

.....

Annexure-C

Technical specification.

Name of Equipment /Goods : e.g.,

Make /Model/ Country of origin: e.g.....

S. No.	Technical Specifications (as per. NIT/CPU/Advertised)	Technical Specifications of the Make /Model	Complies	Higher/Better (with detail quantification)	
				Higher/Better	Quantification
1			Yes	----	
2					
3					
4					
5					

