



39

राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर
हमीरपुर (हि.प्र.) - 177 005 (भारत)
NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR
HAMIRPUR (H.P.) - 177 005 (INDIA)

(An Institute of National Importance under Ministry of HRD)

E-TENDER NOTICE

Sealed online e-Tender in two bid system are hereby invited by the undersigned for the supply of following items on behalf of the Director, NIT, Hamirpur from the Eligible/ Experienced/ Resourceful, manufacturer's dealer/authorized distributor etc. having experience in appropriate field and who have successfully completed works of similar type, so as to reach in the office of the undersigned as per date & time mentioned below.

Sr. No.	Name of works/item	Qty/ No.	Earnest Money In Rs.	Time Limit
1	Digital Earth Tester with 2 terminal, 3 terminal and 4 terminal probes having re-chargeable power supply, digital display with portable carriage case, basic leads, spike kits, terminal wire 10 meters adaptors and I, V clamps	01 Nos.	5000	30 days
2	Accelerometer Trainer kit	05 Nos.	1000	
3	Pressure Measurement Trainer	05 Nos.	1000	
4	Instrumentation Trainer/Universal Sensor Trainer	05Nos.	4000	
5	Trainer kit to: <ul style="list-style-type: none">To verify Thevenin's Theorem and to find equivalent voltage source circuit ,To verify Norton's Theorem and to find equivalent current source circuit,Verification of Superposition TheoremTo verify the Maximum power Transfer Theorem Trainer.	05Nos.	1500	
6	Trainer to find Z and Y Parameter from the Hybrid-Parameter H results with built in power supply 0-9V dc at 100mA .	05Nos.	1500	
7	Digital Multimeter (Hand Held)	05 Nos.	500	
8	Trainer To study the characteristics of various Active Filters i.e Low Pass Filter , High Pass Filter , Band Pass Filter , Notch Band Reject	05 Nos.	2000	

	Filter Trainer		
9	Trainer for verification of Ohm's Law to study Series circuit and Parallel Circuit :	05 Nos.	850
10	Trainer to Calibrate a Voltmeter with the help of a Potentiometer :	05 Nos.	1500
11	Trainer to Calibrate an Ammeter with the help of a Potentiometer :	05 Nos.	1500
12	Trainer for verification Laws of Resistance in Series combination Trainer :	05 Nos.	850
13	Trainer for verification of Kirchoff's Current Law and Voltage Law:	05 Nos.	1000
14	ADSP EVAL-Multimedia Starter Kit and VisualDSP++ 5.0 Update 7	05 Nos.	6000
15	OMAP-L137/TMS320C6747 Floating Point Starter Kit (Including all accessories and software)	05 Nos.	3500
16	TMS320C6713 DSP Starter Kit	05 Nos.	4000
17	Brush less DC machine, 8-10 Amp	01 Nos.	2000
18	PMSM machine	01 Nos.	2000
19	Variac with transparent module, 10 Amp with protection	05 Nos.	1000
20	AC coupled modular -1 phase with controller and protection	01 Nos.	1000
21	AC machine coupled modular -3 phase with controller and protection	01 Nos.	1000
22	DC machine coupled modular with controller and protection	01 Nos.	1000
23	AC/DC, Ammeter , 5/10 A	12 Nos.	300
24	Voltmeter, AC/DC, 150/300/600	12 Nos	1000
25	Ammeter , AC/DC, 2.5/5 A	12 Nos	1000
26	Wattmeter AC/DC, 2.5/5 A	06 Nos	1000
27	DC rectifier, 200 Amp	01 Nos.	2400
28	DC starter and AC switch	30 Nos	2000
		Total EMD Amount	51400

1. Availability of bid document and mode of submission:-The bid document is available online and bid should be submitted in online mode on website <http://www.eprocure.gov.in/> and <http://www.nith.ac.in/>. Bidder would be required to register in the web-site which is free of cost. For submission of bids, the bidder is required to have Digital Signature Certificate (DSC) from one of the authorized certifying authorities (CA).

2. Key dates: (1)

1	Date of online publication	13.02.2020 at 6.00 PM
2	Document download start and end date	13.02.2020 to 04.03.2020 10.30 AM
3	Bid submission start and end date	13.02.2020 to 04.03.2020 10.30 AM
4	Physical submission of EMD, technical documents and cost of tender document etc.	On or before 05.30 PM on 04.03.2020
5	Date of opening of technical bid	5.03.2020 at 11.30 AM

- (II) Objections/representation if any against the bidders will be entertained only within three days after publication/uploading of technical bid opening summary on net and thereafter that the date of opening of financial bid of technically qualified bidders will be published /uploaded on net.

3. Tender Details:-The tender Documents shall be uploaded in 2 cover:-

Cover 1:-Shall contain scanned copies of all "Technical Documents/Eligibility information".

Cover 2:- Shall contain "BOQ/Financial Bid", where supplier will quote his offer for each item.

- (a) Submission of Original Documents: The bidders are required to submit (a) original demand draft towards the cost of bid document and (b) original bid security/Earnest Money deposit (EMD) and other technical documents in the Store & Purchase section, NIT Hamirpur-177005 (HP) as specified in the key dates of **Sr. no.2** on tender opening dates & schedule, failing which the bids will be declared non-responsive. EMD in the form of DD/FDR must be attached with in favour of Director, NIT, Hamirpur (H.P) -177 005. The EMD should be remained valid for a period of 90 days beyond the final bid validity period. EMD of unsuccessful bidders shall be returned after the expiry of the final bid validity or before the 30th day of the award of contract. The EMD of the successful bidder shall be released after successful execution of supply order. The above condition is applicable to all & no relaxation will be given.

4. BID OPENING DETAIL: - The bids shall be opened as per schedule specified in the key dates of **Sr. no.2**, in the store & Purchase section, NIT, Hamirpur by the authorized officer. In their interest the tenderer are advised to be present along with original documents at the time of opening of tenders. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened on the next working day at the same time & venue.
5. The bids shall remain valid for acceptance for a period of not less than 90 days after the deadline date for bid submission. Other details can be seen in the bidding documents. The officer inviting tender shall not be held liable for any delays due to system failure beyond its control. Even though the system will attempt notify the bidder of any bid updates. The Employer shall not be liable for any information not received by the bidder. It is the bidders responsibility to verify the website for the latest information related to the tender.

6. The copy of enlistment order & renewals, Copy of PAN issued by Income tax Department and copy of GST Certificate must accompany in the cover-1
7. The bidder must have successfully supplied above tendered items in recent years in IITs and NITs. The bidders shall have to produce supporting documents giving date of award, date of commencement and completion from the concerned competent authority and should be included in cover-1
8. Destination: F.O.R. destination i.e. NIT, Hamirpur (HP) and the rates must include the charges for Packing, Forwarding, Freight, etc., if any.
9. Price/Rate: The price of items may be quoted in Indian rupees.
10. GST:- All the firms may invariably mention their GST/PAN numbers on tender failing which quotations may not be considered valid. Further, this Institution does not issue any C/D Concessional form, so the GST applicable as per actual rates must be mentioned in the offer. In case GST is not mentioned, the rates shall be treated as inclusive of all taxes.
11. The bidders/firms have to supply the complete catalogue/brochure of the products to be supplied along with the Technical bid.
12. The technical bids will be evaluated on the basis of terms & conditions of the tender and details of the product to be supplied as per condition 11 of the tender notice. The committee reserves the right to reject any technical bid on the basis of technical specifications/catalogue/brochure submitted.
13. Conditional/ telegraphic tenders shall summarily be rejected.
14. For any clarifications bidders are requested to contact FI (Purchase), NIT Hamirpur at his E-mail ID i.e. fip@nith.ac.in.
15. The tender/bid shall be kept in a sealed envelope superscribed as "Tender for (Name of work and date of opening_____".
16. The jurisdiction of the law of court shall be at Hamirpur (HP).

No: NIT/HMR/EED/ 2020/6061-62

AR (P&W), 13/02/2020
NIT Hamirpur.
Dated: - 13-02-2020

Copy forwarded to the following for information please:-

1. The HOD, EED, NIT Hamirpur for information please.
- ✓ 2. The FI(CC), for getting the advertisement displayed in the Institute website for wider publicity under head: - **Supply and installation of various Lab Equipments (Part-1) for EED, of NIT, Hamirpur.**

AR (P&W), 13/02/2020
NIT Hamirpur.



राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर
हमीरपुर (हि.प्र.) - 177 005 (भारत)
NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR
HAMIRPUR (H.P.) - 177 005 (INDIA)
(An Institute of National Importance under Ministry of HRD)

NIT-SBD

Subject: - Supply and installation of various Lab Equipments (Part-1) for EED of NIT, Hamirpur.

Sealed online E-Tender in two bid system are hereby invited by the undersigned for the supply of following items on behalf of the Director, NIT, Hamirpur from the Eligible/ Experienced/ Resourceful, manufacturer's dealer/authorized distributor etc. having experience in appropriate field and who have successfully completed works of similar type, so as to reach in the office of the undersigned as per date & time mentioned in the tender notice.

Sr. No.	Name of works/item	Qty/ No.	Detailed Technical specifications
1	Digital Earth Tester with 2 terminal, 3 terminal and 4 terminal probes having re-chargeable power supply, digital display with portable carriage case, basic leads, spike kits, terminal wire 10 meters adaptors and I, V clamps	01 Nos.	The Digital earth tester should be a compact box having 2,3 and 4 probes with capability to measure Insulation resistance(IR), Earth Resistance of Earthing pit electrodes and Soil Resistivity with appropriate usual ranges i.e. IR values atleast upto 1Mohm, Earth Resistance ranges should be 0-20 ohm,0-200ohm, 0-2000 ohm having Earth Resistance Measurement Accuracy $\pm 2\%$ of reading $\pm 1\%$ of range & Measurement Earth Resistance Resolution 0.01 ohm. There should be provision to measure parameter of Soil Resistivity using 4 probes having range as 0-35kohm-meter with measurement resolution of 0.01ohm meter. The test kit should be a portable one and must be capable functioning up to at least 50 degree centigrade .
2	Accelerometer Trainer kit	05 Nos.	This Trainer comprises of vibration generator of capacity 5 Newton with vibration exciter.

			<p>Piezoelectric accelerometer is used to sense the vibration. Digital display unit will display displacement, velocity & acceleration sensed by the sensor. Vibration generator capacity 5 Newton tons; Source 0 to 10V P to P variable by potentiometer; Power Amplifier Vibration Sensor Accelerometer piezoelectric crystal indicator; Indicator 4½ digit 16 x 2 line LCD; Parameter displayed: Acceleration, velocity, displacement, and frequency; power supply : 230V ± 10% @ 50 Hz. Detailed manual and Facility for doing experiments.</p>
3	Pressure Measurement Trainer	05 Nos.	<p>On Board Pressure Sensor with 2PSI fs; Output is Ratio metric to the Power Supply; Facility to generate and monitor Pressure; In Both Engineering Units mmHg as well as Psi Units; Wide Temperature Compensation Range; Based On 8051 microcontroller; LED indicators On LCD Display; Each section is having testing point.; On board signal conditioner.</p> <p>Detailed manual and facility for conducting experiments such as</p> <ul style="list-style-type: none"> •To study the fundamental concept of pressure measurement •To draw plot between pressure V/s Volt
4	Instrumentation Trainer/Universal Sensor Trainer	05Nos.	<p>0 to 15v DC Analog Volt-meter to Concept diagrams printed on PCB, Easy to plug and play on board voltage source, Bridge rectifier to remove ripples, Generate square wave of 5v with 555 timers. FILTER: Band pass filter 1 to 6KHz. Variable Resistors precision servo potentiometer, Slide potentiometer, wire wound resistance, carbon track variable resistor. Sensors such as LVDT: AC TO AC 20mm linear variable</p>

			<p>transducer to measure displacement, Microphone for converting sound signal into electrical signal with a high gain amplifier, Temperature sensor with change 10mv/1 Degree, NTC type thermistor temp sensor, J Type thermocouple: For measuring high temp with high accuracy Sound Indicator: Provide high volume beep, HALL SENSOR:</p> <p>WH315 sensor is used to sense magnetic field and study of hall effect,</p> <p>STRAIN GUAGE: Strain gauge for measuring stress and force and O/P</p> <p>with high gain amplifier, ULTRASONIC TRANSRECEIVER:</p> <p>Ultrasonic sensor for measuring distance up to 250 inch.</p> <p>HUMIDITY SENSOR: Voltage Light depended resister whose resistance vary with respect to light, Photo Transducers: photo diode ,photo transistor ,photo voltaic cell, photo conductive cell, Linear variable capacitor (LVC) ,Instrumentation amplifier with high gain value ,Class A amplifier with gain variation, Voltage Amplifier of 100 gains to amplify signals.</p>
5	<p>Trainer kit to:</p> <ul style="list-style-type: none"> To verify Thevenin's Theorem and to find equivalent voltage source circuit , To verify Norton's Theorem and to find equivalent current source circuit, Verification of Superposition Theorem To verify the Maximum power Transfer Theorem Trainer. 	05 Nos.	<p>Built in power supply 0-30V dc at 100mA (Continuous variable)+9V dc at 100mA , +5V dc at 100mA Regulated Power supply</p> <p>DC Voltmeter (65mm rectangular dial with switch)</p> <p>Selectable ranges of 0.5 , .5, 25& 50V should provide.DC Ammeter (65mm rectangular dial with switch)</p> <p>Selectable ranges of 0.05, 0.5, 5, 50</p>

			& 100 mA should be provided. Complete experiment set up with operating manual, patch cords.
6	Trainer to find Z and Y Parameter from the Hybrid-Parameter H results with built in power supply 0-9V dc at 100mA .	05Nos	Sine Wave Source 1KHz with variable output level 0-1V should be provided. DC Voltage : 0-1500 Volts (In 7 ranges 1.5 to 1500 Volts) AC Voltage : 0-1500 Volts (In 7 range 1.5 to 1500 Volts) Resistance : 0-1000 M ohm Set Of patch cord & manual should be provided
7	Digital Multimeter (Hand Held)	05Nos	Display 3 $\frac{3}{4}$ digit LCD type autoranging DCV: 320mV-1000Volts , ACV:3.2V-750 Volts. DCA: 320uA -10 Amp. , ACA : 320uA -10Amp. Resistance : 320. Ohm -32 MOhm Capacitance : 320nF-32uF Auto Power Off , Data Hold , Diode & Continuity check facilities with protective rubber holster & test leads , battery & operating manual should be provided.
8	Trainer To study the characteristics of various Active Filters i.e Low Pass Filter , High Pass Filter , Band Pass Filter , Notch Band Reject Filter Trainer	05Nos	Built In Power Supply +/-12V dc at 50mA should be provided. Four Operational Amplifier ICs AF Generator Range 20 Hz to 200kHz should be provided. AC Millivoltmeter Range 0-300V covered in 11 ranges of 3 mV to 300V A Set Of operating manual , test leads should be provided
9	Trainer for verification of Ohm's Law to study Series circuit and Parallel Circuit :	05 Nos.	Built in power supply 0-15V dc at 100mA , DC Voltmeter (65mm rectangular dial type) to read 0-15V , DC Milliammeter (65mm rectangular dial type) to read 0-50mA. Complete experiment set up with

			operating manual, patch cord should provide.
10	Trainer to Calibrate a Voltmeter with the help of a Potentiometer :	05 Nos.	<p>Potentiometer: 10 Wires, fitted on pulley on laminated board, piano type jockey with 10 contact points should be provided. Battery eliminators range 0-5V, 500mA (02 Nos.) Galvanometer 30-0-30G (with push button controlled shunt type)</p> <p>Standard Resistance 10 Ohms 2 Watts DC Voltmeter (65mm round dial type) to read 0-3V Daniel Cell , Two Way Key</p> <p>Complete experiment set up with operating manual, patch cord should provide.</p>
11	Trainer to Calibrate an Ammeter with the help of a Potentiometer :	05 Nos.	<p>Potentiometer: 10 Wires, fitted on pulley on laminated board, piano type jockey with 10 contact points should be provided. Battery Eliminator Range 0-5V , 500mA & 0-5V at 3A (01 No. each)Galvanometer 30-0-30G (with push button controlled shunt type)</p> <p>Standard Resistance 10 Ohms 10 Watts ,DC Ammeter (65mm round dial type) to read 0-3A</p> <p>Daniel Cell , Two Way Key</p> <p>Complete experiment set up with operating manual, patch cord should provide.</p>
12	Trainer for verification Laws of Resistance in Series combination Trainer :	05 Nos.	<p>Four Series dials of units , tens, hundreds and thousands</p> <p>Two ratio arm dials each having connection for 1 , 10, 100 and 1000 Ohms</p> <p>Galvanometer 30-0-30G (with push button controlled shunt type)</p> <p>Leclanche Cell , Set Of resistance wires for series and parallel connection, mounted on board with terminals</p> <p>Complete experiment set up with operating manual, patch cord should provide.</p>
13	Trainer for verification of Kirchoff's Current Law and Voltage Law:	05 Nos.	Built in regulated power supply 0-30V dc at 100mA (Continuous variable)+9V dc at 100mA , +5V dc at 100mA IC Regulated Power

			<p>Supply</p> <p>DC Voltmeter (65mm rectangular dial with switch type) Selectable ranges of 0.5 , 1.5, 25 & 50V should provide. DC Ammeter (65mm rectangular dial with switch type) Selectable ranges of 0.05, 0.5, 5, 50 & 100 mA</p> <p>Complete experiment set up with operating manual, patch cords should provide.</p>
14	ADSP EVAL-Multimedia Starter Kit and VisualDSP++ 5.0 Update 7	05 Nos.	<p>Hardware features</p> <ul style="list-style-type: none"> • SDK CD with example image and video processing code, multimedia algorithms (e.g. JPEG/MJPEG), graphics libraries and more. • USB-LAN EZ-Extender® Daughter Board. • Audio-Video (A-V) EZ-Extender® Daughter Board. • ADSP-BF561 EZ-KIT Lite® or ADSP-BF533 EZ-LIT Lite® evaluation board <p>Software features:</p> <ul style="list-style-type: none"> • Visual DSP++ 5.0 Update 7 <p>Compatible with Windows 2000 / XP / Vista/ Windows 7</p>
15	OMAP-L137/TMS320C6747 Floating Point Starter Kit (Including all accessories and software)	05 Nos.	<p>Hardware features</p> <ul style="list-style-type: none"> • Texas Instruments OMAP-L137 device with a 300Mhz C674x VLIW DSP floating point processor and an ARM926EJ-S processor operating up to 300 Mhz. • 64 Megabytes SDRAM • SPI Boot EEPROM • 2 Port Ethernet Phy/Switch • SD/MMC/MMC PLUS media card interfaces • TLV320AIC3106 Stereo Codec • USB 1.1 Full Speed Interface • USB 2.0 High Speed Interface • RS-232 Interface • On chip real time clock <p>Software features:</p> <ul style="list-style-type: none"> • OMAP-L137 EVM Specific version of Code Composer Studio IDE™ 3.3 • Demo version of MontaVista Pro 5.0 tools (to be used with the subsequent releases of this kit) • Board Test/Sample Code • Compatible with Spectrum Digital JTAG emulators. • Compatible with MontaVista Linux <p>Compatible with Windows 2000 / XP / Vista</p>
16	TMS320C6713 DSP Starter Kit	05 Nos.	<p>Hardware features</p> <ul style="list-style-type: none"> • Texas Instrument's TMS320C6713 DSP operating at 225 MHz. • Embedded USB JTAG controller with plug and play drivers, USB cable included • TLV320AIC codec

			<ul style="list-style-type: none"> • 2M x 32 on board SDRAM · 512K bytes of on board Flash ROM · • 3 expansion connectors (Memory Interface, Peripheral Interface, and Host Port Interface) · • On board IEEE 1149.1 JTAG connection for optional emulator debug · • Four 3.5 mm. audio jacks (microphone, line-in, speaker, and line out) · • 4 user definable LEDs · • 4 position dip switch, user definable · • +5 Volt universal power supply <p>Software features:</p> <ul style="list-style-type: none"> • Code Composer Studio features for the TMS320C6713 DSK which should include <ul style="list-style-type: none"> ▪ A complete Integrated Development Environment (IDE), an efficient optimizing C/C++ compiler assembler, linker, debugger, an advanced editor with Code Maestro™ technology for faster code creation, data visualization, a profiler and a flexible projectmanager ▪ DSP/BIOS™ real-time kernel ▪ Target error recovery software ▪ DSK diagnostic tool <p>"Plug-in" ability for third-party software for additional functionality</p>
17	Brush less DC machine, 8-10 Amp	01 Nos	<p>Extra protection; Wide 20:1 speed control range; All-digital integrated driveelectronics module simplifies wiring; 0 - 10 V standard analog speed; 5/16-inch cold-rolled steel shaft; Heavy-duty ball bearings; Drive electronics protection,including reverse voltage; Automotive-class drive protection(over-voltage, voltage reversal); Class F (155 °C) rated winding;ISO certified.</p>
18	PMSM machine	01 Nos.	<p>Machine topology 3 phase wye connected ; Maximum machine speed 300 kRPM , Minimum time step 500 ns and 100 ns ; Calculation precision Single Floating Point ; ISO certified.</p>
19	Variac with transparent module, 10 Amp with protection	05 Nos.	<p>These are rated at 10A for constant current loads; 2.5 KVA; Input Voltage : 240 Volts 1 Phase A.C. 50 HZ ;Output Volt : 0-270 Volts ;Overall Dimensions 194x174x146mm Mounting</p>

			Dimensions: 146x146mm;The tapping arrangement permits an output voltage of 0 to line voltage or 12% above line voltage. These models can be operated at any frequency between 50 and 400 Hz without reduction in allowable output current/Voltage;ISO certified.
20	AC coupled modular -1 phase with controller and protection	01 Nos.	AC coupled modular -1 phase with controller and protection in transparent case, provided; Type : Single phase Capacitor Start Induction Motor ; Power Rating : Available with 1HP ; Voltage Rating : 230V AC $\pm 5\%$, 50Hz ; Rated Speed : 1440RPM $\pm 7.5\%$; Insulation : Class 'B'; transparent cover must be included; with extra protection; ISO certified. Justification: The purpose of these instrument is to show students the internal parts of machine and their operation. So that they can understand the related theory well.
21	AC machine coupled modular -3 phase with controller and protection	01 Nos.	Type : Three Phase Slip-Ring Induction Motor; Power Rating : 3 HP; Voltage Rating : 415V AC $\pm 5\%$; Rated Speed : 1440RPM; Transparent cover must be included; With extra protection; ISO certified.
22	DC machine coupled modular with controller and protection	01 Nos.	Power Rating : Available with 3HP; Voltage Rating : 220V DC $\pm 5\%$; Rated Speed : 1500RPM $\pm 7.5\%$; Insulation: Class 'B'; Transparent cover must be included; With extra protection; ISO certified.
23	AC/DC, Ammeter , 5/10 A	12 Nos.	Portable Moving Iron AC/ DC Ammeter, range 0-5/10 Amps in engineering Plastic case, provided with knife edge pointer and anti-parallax mirror scale; Accuracy $\pm 1\%$; ISO certified.
24	Voltmeter, AC/DC, 150/300/600	12 Nos	AC/ DC Voltmeter- Portable AC/DC Voltmeter, range 0-150/300/600 Volts in engineering Plastic case, provided with knife edge

			pointer and anti-parallax mirror scale; Accuracy $\pm 1\%$; ISO certified.
25	Ammeter , AC/DC, 2.5/5 A	12 Nos	AC/ DC Ammeter- Portable AC/ DC Ammeter, range 2.5/5 Amps in engineering Plastic case, provided with knife edge pointer and anti-parallax mirror scale; Accuracy $\pm 1\%$;ISO certified.
26	Wattmeter AC/DC, 2.5/5 A	06 Nos	Current Range 0-1,2, 5, 10, 20, 25 A (Any One);Scale Length 150mm; Accuracy $\pm 1.5\%$;Voltage 220V/230V/240V;ISO certified.
27	DC rectifier, 200 Amp	01 Nos.	Designed for 3 phase rectification, output DC current is 200A; Good temperature and power cycle ability ensures a more stable performance; It has a large over-current capacity, good heat dissipation;ISO certified.
28	DC starter and AC switch	30 Nos	DC starter and AC switch set should be based on ISO standards and panel should precisely manufactured using high grade components.

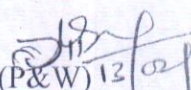
TERMS AND CONDITIONS:-

1. **Validity:** Minimum validity of the quotation will be 03 months from the date of opening of the quotation/tenders.
2. **Time Limit:** - The firm/supplier has to supply and install the equipments within 40 days from the date of the award letter.
3. **Guarantee/warranty:** - The supplier has to provide equipment guarantee/warranty supplied for next 03 years from the date of successful installation of the equipment supplied. (Certificate of the same to be given by the supplier)
4. **Demonstration & Training:-** The supplier will have to demonstrate and impart training to concerned users at NIT, Hamirpur after successful supply & installation. (Certificate of the same to be given by the concerned user/indenter).
5. **EMD:** EMD in the form of DD/FDR /Bank Guarantee must be attached in favour of Registrar, NIT, Hamirpur (H.P) -177 005. The EMD should be remained valid for a period of 90 day beyond the final bid validity period. EMD of unsuccessful bidders shall be returned after the expiry of the final bid validity or before the 30th day of the award of contract. The EMD of the successful bidder shall be released after successful execution of the supply order. The above condition is applicable to all & no relaxation will be given.

If a bidder wishes to participate for all items then he has to club the EMD total amount item wise and has to upload the same online while filling the tender. (e.g if

bidder wants to quote for first item only then he has to upload EMD of Rs.5000 only. In case he wishes to quote for 1,2 & 3rd item only then he has to upload EMD amounting to Rs.(5000+1000+1000=7000). Hence in the similar analogy corresponding item wise EMD total amount is to be uploaded.

6. **Technical Evaluation:-** Technical evaluation of the participating firms will be done strictly on the basis of catalogues/brochures/literature/technical details of the product to be supplied along with relevant experience & fully complying all the terms & conditions of the SBD & tender notice.
7. **Destination:** F.O.R. destination i.e. NIT, Hamirpur (HP) and the rates must be quoted inclusive of all taxes and charges.
8. **Penalty:** In case the firm/vendor fails to supply the equipments within the stipulated period penalty without assigning any reasons @ 1/2% (half percent) of the total value of the item covered in order as penalty per day subject to a maximum of 5% (five percent) will be imposed unless extension is obtained in writing from the office on valid ground before expiry of delivery period
9. **Price/Rate:** The price of equipment/items may be quoted as per BOQ clearly mentioning the Basic rate & GST in the specific columns of BOQ in Indian rupees. Tender will be awarded to the participating bidder who will be lowest in terms of per item price.
10. **GST:** - All the firms may invariably mention their GST/PAN numbers on quotation/tender failing which quotations may not be considered valid. Further, this Institution does not issue any C/D Concessional form, so the GST applicable as per actual rates must be mentioned in the offer. In case GST is not mentioned, the rates shall be treated as inclusive of all taxes.
11. **NIT/NIQ Opening:** Representative of the firm may be present at the time of opening of the Quotations, if it wishes.
12. **Payment:** 100% payment shall be made immediately after receipt of material in good condition and successful installation of the same.(Certificate of the same to be given by the indenter/inspection committee NIT, Hamirpur)
13. **Right of Acceptance/Rejection:** Right of acceptance and rejection of any tender/quotation in part or full without assigning any reason are reserved with the institution authorities. The number of items to be purchased could be increased or decreased depending on the requirement of end user.
14. In case of any dispute the jurisdiction of Hamirpur (HP) Courts shall apply.


AR (P&W) 13/01/2020
NIT, Hamirpur (HP).