

Bundelkhand Institute of Engineering & Technology, Jhansi

Short Term Tender Notice No. BIET- 1/2017

The tender documents for the **Purchase of Equipment / Computer / Laptop / Software of Chemical Engg. Deptt.** Tender can be downloaded from the website, www.bietjhs.ac.in or can be obtained from the store & purchase section. A separate demand draft for the cost of tender documents is required along with tender documents.

Tender opening and submission details are given below-

1. Name of firm with contact number & Email Address

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2. Tender cost (Non refundable) is **Rs. 3450/-**
3. Tender submission is up to **28.03.2017, 2:00 PM**
4. Tender opening on **28.03.2017 at 2:30 P.M.**
5. Opening place of tender is conference room, administrative block BIET Jhansi.

Signature & Seal of Tenderer

Bundelkhand Institute of Engineering & Technology, Jhansi (U.P)

Department: Chemical Engineering

Particular of EMD

LAB No.	Laboratory	EMD in Rupees
CH-1	Fluid flow operation lab	22,000/-
CH-2	CAD lab	80,000/-
CH-3	Process Dynamics and Control Lab	10,000/-

FLUID FLOW OPERATION LAB

S. No.	Item Name	Technical Details	Qty	Rate in Rs.	Cost in Rs.
1	Bernoulli's theorem apparatus(with stainless steel tanks)	<p>TECHNICAL DETAILS: Test Section : Material Acrylic (One Piece). Piezometer Tubes : Material P.U. Tubes (7 Nos.) Water Circulation : FHP Pump, Crompton make. Flow Measurement : Using Measuring Tank with Piezometer, Capacity 25 Ltrs. Sump Tank : Capacity 70 Ltrs. Inlet Tank : Capacity 20 Ltrs. Stop Watch : Electronic. Control Panel Comprises of: Standard make On/Off Switch, Mains Indicator, etc. Tanks will be made of Stainless Steel. The whole set-up is well designed and arranged in a good quality painted structure.</p>	1		
2	Flow through Orifice and Mouth Piece (with stainless steel tanks)	<p>TECHNICAL DETAILS: Set of Orifices : Material Acrylic (2 Nos.) Dia. 10mm and 15 mm Set of Mouthpieces : Material Acrylic (3 Nos.) Dia 10 mm (L/D = 1) Dia 10 mm (L/D = 2.5) Dia 10 mm (L/D = 4) Constant Head tank : 35 Ltrs. Pointer Gauge : To measure X-Y co-ordinates of Jet. Water Circulation : FHP Pump, Crompton make. Flow Measurement : Using Measuring Tank with Piezometer, Capacity 25 Ltrs. Sump Tank : Capacity 70 Ltrs. Stop Watch : Electronic. Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc. Tanks will be made of Stainless Steel. The whole set-up is well designed and arranged in a good quality painted</p>	1		

		structure.		
3	Discharge Over Notches (with stainless steel tanks)	<p>DETAILS:</p> <p>Channel Test Section : Size 600 x 250 x 180 mm.</p> <p>Notches : Material Brass</p> <ol style="list-style-type: none"> 1. Rectangular Notch 2. 45° V Notch 3. 60° V Notch <p>Pointer Gauge : With Vernier scale.</p> <p>Water Circulation : FHP Pump Crompton make.</p> <p>Flow Measurement : Using Measuring Tank with Piezometer, Capacity 25 Ltrs.</p> <p>Sump Tank : Capacity 50 Ltrs.</p> <p>Stop Watch : Electronic.</p> <p>Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc.</p> <p>Tanks and Channel will be made of Stainless Steel.</p> <p>q The whole set-up is well designed and arranged in a good quality painted structure</p>	1	

4	Impact on Jet vanes(with stainless steel tanks)	<p>TECHNICAL DETAILS: Target (2 Nos.) : Flat Plate and Hemispherical Cup Nozzle : Material Brass Jet Enclosure : Made of Acrylic Water Circulation : FHP Pump, Standard make Flow Measurement : Using Measuring Tank with Piezometer, Capacity 25 Ltrs. Sump Tank : Capacity 50 Ltrs. Stop watch : Electronic. Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc. Tanks will be made of Stainless Steel. The whole set-up is well designed and arranged in a good quality painted structure.</p>	1		
5	Losses due to friction in pipe lines(with stainless steel tanks)	<p>TECHNICAL DETAILS: Pipe Test Section : (i) Dia ½", Length : 1m, Material G.I. (ii) Dia ¾", Length : 1m, Material G.I. Water Circulation : FHP Pump, Crompton/godrej/G.E make. Flow Measurement : Using Measuring Tank with Piezometer, Capacity 25 Ltrs. Sump Tank : Capacity 50 Ltrs. Stop Watch : Electronic. Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc. Tanks will be made of Stainless Steel. The whole set-up is well designed and arranged in a good quality painted structure.</p>	1		

6	losses due to pipe fittings, sudden Enlargement & contraction(with stainless steel tanks)	<p>TECHNICAL DETAILS:</p> <p>Sudden Enlargement : From 15mm to 25mm</p> <p>Sudden Contraction : From 25mm to 15mm.</p> <p>Bend : ½"</p> <p>Elbow : ½"</p> <p>Ball valve : ½"</p> <p>Gate valve : ½"</p> <p>Water Circulation : FHP Pump, Crompton make.</p> <p>Flow Measurement : Using Measuring Tank with Piezometer, Capacity 25 Ltrs.</p> <p>Pressure Drop Measurement: Differential Manometer</p> <p>Sump Tank : Capacity 50 Ltrs.</p> <p>Stop Watch : Electronic.</p> <p>Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc.</p> <p>Tanks will be made of Stainless Steel.</p> <p>The whole set-up is well designed and arranged in a good quality painted structure.</p>	1		
7	discharge through venturimeter&orificemeter&rotameter (with stainless steel tanks)	<p>TECHNICAL DETAILS:</p> <p>Venturimeter : Material Clear Acrylic compatible to 1" Dia. Pipe.</p> <p>Orificemeter : Orifice plate made of Stainless Steel and housing made of Clear Acrylic compatible to 1" Dia. Pipe.</p> <p>Rotameter : Compatible Range. Eureka make.</p> <p>Water Circulation : FHP Pump, Crompton make.</p> <p>Flow Measurement : Using Measuring Tank (Capacity 25 Ltrs.) and Electronic Stop Watch</p> <p>Sump Tank : Capacity 50 Ltrs.</p> <p>Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc.</p> <p>Tanks will be made of Stainless Steel.</p> <p>The whole set-up is well designed and arranged in a good quality painted structure</p>	1		

8	nozzle meter test rig	<p>TECHNICAL DETAILS:</p> <p>Nozzlemeter : Nozzle of Stainless Steel, Housing of Clear Acrylic. Compatible to 1" dia pipe. Water Circulation : FHP Pump, Crompton make Flow Measurement : Using Measuring Tank, (Capacity 25 Ltrs. (approx.)) and Electronic Stop Watch Sump Tank : Capacity 55 Ltrs. (approx.) Control Panel Comprises of : Standard make On/Off Switches, Mains Indicator, etc. Tanks will be made of Stainless Steel. The whole set-up is well designed and arranged in a good quality painted structure.</p>	1		
9	Reynold's apparatus(with stainless steel tanks)	<p>TECHNICAL DETAILS:</p> <p>Tube : Material Borosilicate Glass Dye vessel : Material Stainless Steel, Suitable Capacity Capillary Tube : Material Copper/Stainless Steel. Constant Head Water Tank: Capacity 40 Ltrs. Water Circulation : FHP Pump, Champion/ godrej make. Flow Measurement : Using Measuring Cylinder. Sump Tank : Capacity 60 Ltrs. Stop Watch : Electronic. Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc. Tanks will be made of Stainless Steel. The whole set-up is well designed and arranged in a good quality painted structure</p>	1		

10	Pitot tube setup (with stainless steel tanks)	<p>TECHNICAL DETAILS:</p> <p>Pitot Tube : Material Copper/SS of compatible size fitted with vernies scale.</p> <p>Test Section : Material Clear Acrylic, compatible to 1" Dia. Pipe.</p> <p>Water Circulation : FHP Pump, Crompton make.</p> <p>Flow Measurement : Using Measuring Tank with Piezometer (Capacity 25 Ltrs.) and Electronic Stop Watch</p> <p>Sump Tank : Capacity 50 Ltrs.</p> <p>Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc.</p> <p>Tanks will be made of Stainless Steel. The whole set-up is well designed and arranged in a good quality painted structure</p>	1		
11	cavitation apparatus	<p>TECHNICAL DETAILS :</p> <p>Test Section : Material Acrylic</p> <p>Pressure Gauge : 0-4 kg/cm²</p> <p>Vacuum Gauge : 0-760 mmHg</p> <p>Water Circulation : By Pump Crompton make.</p> <p>Flow Measurement : Measuring Tank (Capacity : 40 liters) & Electronic Stop Watch</p> <p>Sump Tank : Capacity : 60 liters</p> <p>Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc.</p> <p>Tanks will be made of Stainless Steel. The whole set-up is well designed and arranged in a good quality painted structure.</p>	1		

12	laminar flow table	<p>TECHNICAL DETAILS: Flow Table Length : 750 mm (approx.) Width : 500 mm (approx.) Material : Stainless Steel Transparent Sheets : Material Glass/Acrylic (Qty: 2 Nos.) Water Circulation : FHP Pump Champion/ godrej make. Sump Tank Capacity : 40-50 Ltrs Material : Stainless Steel Dye Vessel Capacity : 1 Ltrs Material : Stainless Steel Whole set-up is in well designed and arranged in a good quality painted structure</p>	1		
13	Metacentric height apparatus	<p>TECHNICAL DETAILS: Pontoon : Size 300 x 300 mm (approx.) with a Horizontal Guide Bar for aliding weight and Removable Strips, Graduated Arc with Pointer with moveable hanger and set of weights. Water Tank : Size 550 x 500x 400 mm (approx.) Front Window of Tank : Made of Glass. A set of weights is supplied with the apparatus. Tanks will be made of Stainless Steel. Pendulum and graduated are for accurate measurement of Tilt angle.</p>	1		
GRAND TOTAL					

1.	<p><u>Laptop – Chemical Engineering CAD LAB</u></p>	<p>(Standard Make)</p> <p>Microprocessor 6th Gen Intel Core i7 Mobile Processor i7-6500U 2.5 GHz, TurboBoost 2.0 up to 3.1 GHz, 4 MB L3 Cache Intel AVX2, Enhanced SpeedStep Technology, Intel 64 Intel Hyper-Threading Technology, VT-x</p> <p>On-board System Memory 8 GB PC3-12800 DDR3L-1600 (12800 MB/s) 2 SODIMM Slots (Upgradeable to 16 GB)</p> <p>Hard Drive 1 TB Serial ATA (150 MB/sec @ 5400 RPM) HP ProtectSmart HDD Protection</p> <p>8X SuperMulti DVD Writer (DL) M-DISC support DVD ROM : 8X Read DVD: 8X +R write; 8X +RW ; 6X -RW re-write DVD+R DL: 6X write CD: 24X write; 16X re-write; 24X read DVD-RAM: 5X read and write</p> <p>Video & Audio Full HD Anti-Glare LED IPS Display 15.6" (39.62cm) LED Backlit Widescreen ; 220 nits 1920 x 1080 FHD (1080p) ; 16:9 True Wide Aspect Ratio</p> <p>Video Graphics NVIDIA GeForce 940M 2 GB Discrete DDR3 Memory ; Optimus Technology NVIDIA CUDA ; NVIDIA PhysX Technology ; DirectX 12</p> <p>Audio / Speakers High Definition Audio Bang and Olufsen (B&O Play) Bang &Olufsen - Equalizer Software B&O Play - Rich, Authentic Audio Experience Dual Speakers</p> <p>Multi-Format Digital Media Reader SD, SD-HC, SDXC</p> <p>Communication LAN & PAN Wired LAN - Integrated 10/100 Wireless LAN - Integrated Wireless 802.11b/g/n PAN - Integrated Bluetooth 4.0</p> <p>Miracast Certified</p> <p>Interface One HDMI v1.4 Two USB 3.0 Ports One USB 2.0 Port One Headphone Out / Microphone-In Combo Jack One RJ-45 Kensington Lock Slot</p> <p>Webcam and Microphone TrueVision HD Webcam -1280 x 720 by 30 frames Low Light Technology Dual array Digital Microphones Supports Voice Recognition</p> <p>Keyboard & Pointing Device Island-style Backlit Keyboard with Numeric keypad ImagePad - Image sensors built-in for accurate Multi-Touch Gesture support</p> <p>Software</p>	4		
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		<p>Operating System - Windows 10 (64-bit) Additional Software CoolSense Technology Digital Entertainment / Imaging Power Media Player CyberlinkMediaSuite 10 CyberlinkYoucam Security and Maintenance 3D Drive Guard HDD Protection McAfee LiveSafe (30 days trial) Recovery Kit Recovery Manager Installer for Windows 10 Battery - 4 Cell Lithium Ion Dimensions (HxWxD) - 0.99 x 15.14 x 10.28 inches Weight – 2.29 Kgs / 5.07 lbs</p>			
2.	Desktop Computer	<p>Processor: Intel® 4th Generation Core i7 4790 Supports Intel® vPro™ Technology. Chipset: Intel® Q87 chipset or higher supporting Intel 4th generation Processors, Intel vPro Technology supported on select processors. Motherboard: OEM Motherboard. Memory: 8 GB Four DIMM slots; Non-ECC dual-channel up to 1600 MT/s DDR3 SDRAM, Memory Expandable to 32 GB. Hard Disk Drive & controller: 1- TB SATA 6.0-Gb/s Hard Drive (16MB Cache, 7200 RPM, NCQ, Smart IV) (Provision of Total of 3*Internal hard drive support. Optical Drive: Slim Super Multi DVD Writer. Graphics: Intel HD Graphics 4600. Audio: High Definition Audio. Ethernet/ Communication: Integrated Gigabit (10/100/1000 NIC) Slots: Minimum 04 slots.Bays: 2 no. or more. Ports: 6 USB Port including 2 USB 3.0 ports and at least 2 port in front. Form Factor: Micro tower. Power supply: 240v Active PFC standard or high efficiency 80 Plus Platinum - 92% Efficient power supply @ 50% load ENERGY STAR 5.2 compliant. Keyboard: MultimediaUSB keyboard (Same make as PC) 104 Keys or more. Mouse: Optical-2 Button USB Optical Scroll Mouse (Same make as PC) Operating System: Preinstalled Windows 8+ Professional including certification of authenticity or windows 10 Compliance & Certification: UL, FCC , CE , ROHS and Win certification & Linux (Redhat/SuSe Certification), Energy Star ver 5.2 , EPEAT GOLD , Low Halogen Chassis and internal components & OEM Compliance. Monitor/Display: 18.5" LED TCO 06 certified (Same make as PC). Head Phone :wired with all desktop PC</p>	30		
3	UPS-Central	15 KVA, 3-phase in 1-phase out, 360 V with 30 minutes backup	1		
4	Network switch	<ul style="list-style-type: none"> • 16 10/100Mbps Ports • Auto MDI/MDIX for Each Port • Full/half-duplex Support for Each Port 	1		

		<ul style="list-style-type: none"> • Flow Control for Protection against Data Loss for Each Port • Auto-learning of Network Configuration • Secure Store-and-Forward Switching Scheme • Per-port Auto-correction of Reverse Twisted-pair Polarity 			
5	Printer-	<p>General-- LaserJet Single Toner Printer HP/Equivalent(Standard Make)</p> <p>Duty cycle(monthly, letter) Up to 8000 pages</p> <p>Functions Print, Copy, Scan</p> <p>Print colors No</p> <p>Print technology Laser</p> <p>Duty cycle (monthly, A4) Up to 8000 pages</p> <p>Recommended monthly page volume 250 to 2000</p> <p>Mac compatible Yes</p> <p>PRINT</p> <p>Duplex printing Manual (driver support provided)</p> <p>Print speed black (normal, A4) Up to 18 ppm</p> <p>Print speed black (normal, letter) Up to 19 ppm</p> <p>processor</p> <p>Processor speed 400 MHz</p> <p>SCAN</p> <p>Scan resolution, hardware Up to 1200 x 1200 dpi</p> <p>Scan resolution, optical Up to 1200 dpi</p> <p>Scan size (flatbed), maximum 216 x 297 mm</p> <p>Color scanning Yes</p> <p>Levels of grayscale 256</p> <p>Scan input modes Scanning via HP LaserJet scan application or TWAIN—or WIA-compliant application software</p> <p>Bit depth 24-bit</p> <p>COPY</p> <p>Copy resolution (color text and graphics) Up to 600 x 400 dpi</p> <p>memory</p> <p>Memory card compatibility No</p> <p>Paper handling</p> <p>Paper trays, maximum 1</p> <p>Automatic paper sensor No</p> <p>Envelope feeder No</p> <p>Paper trays, standard 1</p> <p>DISPLAY</p> <p>Display Dual digit numeric LED</p> <p>PAPER MEDIA</p> <p>Media weight, supported 60 to 163 g/m²</p> <p>Multitasking supported</p> <p>Multitasking supported Yes</p> <p>MACHINE DIMENTIONS & WEIGHT</p>	4		

		<p>Package weight 9.4 kg</p> <p>Cable included</p> <p>Cable included Yes, 1 USB cable.</p> <p>What is in the box</p> <p>Warranty</p> <p>Warranty 1 Year Next Business Day Exchange Support</p> <p>Minimum system requirements</p> <p>Minimum system requirements Microsoft® Windows® 7, Windows Vista®, Windows® XP, Windows® Server 2003: 1 GHz processor, 1 GB RAM, 700 MB free hard disk space, SVGA 800 x 600 with 16-bit colour display, Internet Explorer 5.5 or higher, USB or Ethernet port</p> <p>Environmental</p> <p>Storage temperature range 0 to 35°C</p> <p>Acoustic power emissions (active copy) 50 dB(A)</p> <p>Storage humidity 10 to 80% RH</p> <p>Operating humidity range 10 to 80% RH</p> <p>Operating temperature range 10 to 32.5°C</p>			
6	CHEMCAD	<p>CH EMCAD Suite up to 30 Simultaneous Network User License for 10 years</p> <p>CHEMCAD Suite includes:</p> <ol style="list-style-type: none"> 1. CHEMCAD (CC- Steady State) 2. CC – Safety Net 3. CC – Therm 4. CC – Batch 5. CC –Dynamics <p>3 - Days Training Course for up to 8 staff members</p>	1		
7	COMSOL-Multiphysics [Perpetual licence]	<ol style="list-style-type: none"> 1. Single User CPU-Locked licence (CPU), for one (1) Computer, this licence is for academic use only. 2. CFD Module for use with COMSOL Multiphysics, Single user CPU-locked licence (CPU), for one Computer. This licence is for academic use only. 3. Chemical Reaction Engineering Module for use with COMSOL Multiphysics, Single User CPU-locked licence (CPU), for one (1) computer. This licence is for academic use only. 4. Heat transfer module for use with COMSOL Multiphysics, single user CPU-locked licence (CPU) for one (1) computer. This licence is for academic use only. 5. 5 day onsite faculty development program on COMSOL Multiphysics (Max upto 25 attendees) 6. Taxes: VAT@5.5% on item no# 1-4 7. Taxes: Service tax @ 14.5% on item no#1-5 	1		
		TOTAL			

Process Dynamics and Control Lab

S. No.	Item Name	Technical Details	Quantity	Rate in Rs.	Total Cost in Rs.
1	Two tank interacting system	<p>TECHNICAL DETAILS: Process Tank : Material Stainless Steel, Circular, with graduated level scale (2 Nos.) capacity 2.5 to 3.5 litres. Supply Tank : Material Stainless Steel, Capacity 20 litres. Overhead tank : Material Stainless Steel, Capacity 5 litres. Water Circulation : FHP Pump, Tullu/Standard make. Piping : SS/PVC, size ¼" Flow Measurement : Rotameter. The whole unit is assembled rigidly on a base plate. Most of the parts are powder coated and rests are painted with auto paints.</p>	1		
2	Two tank non-interacting system	<p>TECHNICAL DETAILS: Process Tank : Material Stainless Steel, Circular, with level scale (2 Nos.) capacity 2.5 to 3.5 litres. Supply Tank : Material Stainless Steel, Capacity 20 litres. Overhead tank : Material Stainless Steel, Capacity 5 litres. Water Circulation : FHP Pump, Tullu/Standard make. Piping : SS 304, size ¼" Flow Measurement : Rotameter. The whole unit is assembled rigidly on a base plate. Most of the parts are powder coated and rests are painted with auto paints.</p>	1		

3	Interacting and non-interacting system	<p>TECHNICAL DETAILS: Process Tank : Material Stainless Steel, Circular, with level scale (3 Nos.) capacity 2.5 to 3.5 litres. Supply Tank : Material Stainless steel, Capacity 20 litres. Overhead tank : Material Stainless steel, Capacity 5 litres. Water Circulation : FHP Pump, Tullu/Standard make. Piping : SS/PVC, size ¼" Flow Measurement : Rotameter. The whole unit is assembled rigidly on a base plate. Most of the parts are powder coated and rests are painted with auto paints.</p>	1		
4	single tank system	<p>TECHNICAL DETAILS: Process Tank : Material Stainless Steel, Circular, with level scale(1No.) Capacity 2.5 to 3.5 litres. Supply Tank :Material Stainless Steel, Capacity 20 litres. Overhead Tank :Material Stainless Steel, Capacity 5 litres. Water circulation : FHP Pump, Tullu/Standard make. Piping : SS/PVC, size ¼" Flow measurement : Rotameter The whole unit is assembled rigidly on a base plate. Most of the parts are powder coated and rests are painted with auto paints.</p>			
5	Calibration Of Thermocouple	<p>Heat Source: Provide with Ceramic insulation Temp. Controller: Digital Temperature Controller, 200^oC Thermocouple: Standard 3 types of thermocouple a. CR/AL b. CU-Constantan c. Fe-Constantan The whole setup will be mounted on a base plate Most of the parts are powder coated and rest are painted with auto paints</p>	1		
6	Characteristics of P.I.D. Controller	<p>Technical Details: Stirred Tank : Material Stainless Steel, Capacity 2 Ltrs(Approx). Stirrer : Stainless Steel Impeller and shaft coupled with FHP Motor. Flow Measurement : Rotameter Stop Watch : Electronic Heater : Nichrome wire heater</p>	1		

		<p>Control Panel comprises of :</p> <p>PID controller : 0-200°C Temperature Sensor : RTD PT-100 type\</p> <p>With standard make On/off switch, Mains Indicator etc.</p> <p>The whole unit is assembled rigidly on a base plate</p> <p>Most of the parts are powder coated and rests are painted with auto paints</p>			
		GRAND TOTAL			

Signature & Seal of Tenderer

Submission of the Tender:

1. Sealed tenders in along with earnest money amounting to the value mentioned with each item in the tender document in form of demand draft only. The tenders should reach to undersigned latest by 28 March up to 2: 00 P. M.
2. Tenders should be submitted either in person or by post in sealed envelopes on which the name of department, item quoted; tender number and date along with name and address of the firm will be written.
3. Tender cost (non refundable) (ii) Earnest Money (iii) Proof of PAN and TIN registration document (iv) Standing of the firm (v) Major supplies executed in recent past (vi) Authorized dealer certificate from OEM & Commercial terms and conditions. The rates must be quoted in both figures and words. Any overwriting and/or cutting must be duly attested failing which tenders are likely to be rejected.
4. **Tender Cost and Earnest money** amounting to the **value given in the tender document for each Lab** should also be submitted with the tender in the form of separate Demand Drafts drawn in favour of Director, BIET, Jhansi.
5. Earnest money and Cost of Tender in the form of Bank Drafts must be placed in a separate sealed envelope by writing "**Earnest Money**" on top of the envelope.
6. All the envelopes as above must be kept and sealed in a big envelop. The name of items quoted, enquiry/tender no and the opening date should invariably be mentioned on the top of big envelope.
7. Sealed tenders should be sent to Director, Bundelkhand Institute of Engineering and Technology (BIET) Campus, Kanpur Road, Jhansi -284128 latest by 28 March at 2: 00 P.M. . The sealed tenders may be dropped in the box kept at Store and Purchase section at BIET, Jhansi.

Terms and Conditions for Submission of Tenders

1. Firms will have to attach the list of customers to whom they have supplied similar items in previous year along with performance reports. Total turnover of the firm must be atleast 50 Lacs per year in the last three years consecutive years. A certificate to these effects should be issued from the sales tax department.
2. The descriptive and illustrative literature of the quoted item in original must accompany with the tender.
3. Tenders received after the closing date and stipulated time shall not be considered and the institute shall not be responsible for any postal delay.
4. Tender should be valid atleast for a period of 04 months. (04 Months from opening date of tender).
5. Our terms of payments are strictly after receipt of material and check at our institute regarding the quality and working experience.
6. The rates should be quoted FOR store, Bundelkhand Institute of Engineering and Technology (BIET) Campus, Kanpur Road, Jhansi -284128. Inclusive of all taxes/excise duty/fright/package/forwarding expenses/insurance etc.
7. Firm shall be solely responsible for defective supplies and losses caused to institute on account of defective supply.
8. Tenders brought personally should be dropped into tender box.
9. Suppliers must be registered with sales tax department and they should state registration no.
10. Quantity of items may increase or decrease or may be cancelled upto any extent.
11. No sales tax form "C" or "D" etc for concessional rate shall be provided by the institute.

12. All tender must be accompanied by EMD as mentioned in the tender document in the form of Demand Draft drawn in favour of Director, Bundelkhand Institute of Engineering and Technology (BIET) Jhansi.
13. Tenders deviating from above terms and conditions shall be rejected straight way without assigning any reason thereof.
14. EMD will be forfeited if the equipment's are not supplied in given time.
15. If required, the firms have to supply the sample of the items.
16. If certain equipment/material needs to be checked/tested at site of the firm, all expenditure (including TA/DA) of our expert members shall be borne by the firm concerned.
17. Penalty : The firm, which is not able to supply the equipment's/materials mentioned in purchase order by the due date , shall be liable to pay a penalty equal to 0.10 % of the value of purchase order per day. However this can be waived of by the Director under special circumstances.
18. **Payment:** - Ninety percent of contract price shall be paid to the supplier after the delivery / commissioning / testing and completion of the work. The remaining 10% of contract price shall be paid to the supplier within 30 days after satisfactory working.
19. Director has every right to extend the due date if so required but all the tenders will be opened together.
20. Deduction of TDS (Income Tax & VAT) as per Govt. Rules.
21. The firm must provide original Guarantee/Warrantee card as issued by the manufacturer, as the case may be.
22. The Director BIET, Jhansi may reject any or all quotations/tenders without assigning any reasons.
23. All disputes subject to Jhansi Jurisdiction only.

For BIET, Jhansi