

IMPORTANT DATES AND REFERENCES

1	Date of commencement of sale of tender document and availability in University website www.kanpuruniversity.org	23.05.2013
2	Submission of filled tender document in tender box at Finance Controller, C.S.J.M.U. Kanpur	01.06.2013
3	Date & Time of Technical Bid Opening	01.06.2013, 2:00 PM

Note:-

(1) The Tender form could be purchased by any interested eligible bidder from office of, C.S.J.M. University, Kanpur by paying Rs. 500/ (Rs. Five Hundred only) in cash/demand draft In favour of Finance Officer, C.S.J.M. University, Kanpur payable at Kanpur as cost of the tender document along with application form. The tender form along with an application form may also be downloaded from University website www.kanpuruniversity.org and the cost of form could be paid by sending Demand draft of Rs. 500/ (Rs. Five Hundred only) in favor of Finance Officer, C.S.J.M. University, Kanpur payable at Kanpur along with Tender form.

(2) The tender should accompany a DEMAND DRAFT/FDR of 10% of the Instrument/Equipment as Earnest Money, payable to the Finance Officer, C.S.J.M. University, Kanpur which will be refunded, if the offer is not accepted. In case the offer is accepted but not honored by the tenderer, the Earnest Money will be forfeited. The Earnest Money will also be forfeited, if wrong information is given in the tender to influence the tender cost.

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Check List

- The tenderer are hereby instructed to arrange the required tender documents as per check list and must mentioned the page numbers against each column of the check list.
- All papers submitted must be numbered and signed by tenderer.
- All paper submitted must be strictly in order as per check list.

TENDER NO:

PURCHASE OF SCIENTIFIC INSTRUMENTS & EQUIPMENTS FOR PHARMACY LABS

s.n.	PART-I Technical Bid	Page No.	
		From	To
1.	Cost of the tender form in form of DD of Rs 500/- in favour of Finance Officer , C.S.J.M. University, Kanpur payable at Kanpur. If the tender form is purchased from University office by paying tender cost in cash than the firm need to attach copy of Receipt.		
2.	Earnest Money (in Form of DD/ FDR) of 10% of the total Instruments/Equipments price in favour of Finance Officer, C.S.J.M. University, Kanpur, payable at Kanpur.		
	Name of Document		
	(a) Sales Tax Registration Certificate		
	(b) Income Tax return for last 3 Years.		
	(c) Documents as proof of Turnover of company		
	(d) User List with address, item supplied and contact numbers		
	(e) Declaration on letter head that the firm is not black listed by Central Government. state government or any other institutes.		
	(f) Valid authorization letter from OEM (Original Equipment Manufacturer)		
	(g) Details of products offered on letter head (In Proforma given under Technical Bid)		
	(h) Technical compliance chart strictly as per specification (In proforma given under Financial Bid)		
	(i) Copy of product manual/catalogue of product + Circuit diagram (if applicable)		
	(j) Full Addresses & contact numbers of Service Centres		
	PART-II (Financial Bid)		

Name of the Tenderer (Company/Firm) :

Address of the Correspondence :

Telephone No.: Fax No.: Email Address:.....

Contact Person's Details:

Name :

Designation : Phone No. Mobile No.....

Handwritten signature

Qualification Criteria

1. The Bid Security should be furnished along with the Technical Bid. Technical Bids not accompanied with Bid security of 10% of the cost of equipment/instrument in the form of Demand Draft/FDR shall be disqualified.
2. The Bidder Should be Registered firm/company. As proof of same the copy of Sales Tax Registration Certificate needs to be furnished with the technical bid.
3. The proof of the Income Tax paid during the past three years should be enclosed.
4. Bidder should have at least 2 years experience in supplying of scientific instruments/equipments/office cum laboratory furniture for Pharmacy Lab to University/ state Govt./ Central Govt./ Boards/ educational organization/industries etc. For the proof of same the bidder should submit the user list and letters from user regarding satisfactory performance with the technical bid.
5. Bidder should furnish details of products offered on letter head. Technical compliance chart should strictly as per specification given.
6. Bidder should not be black listed by Central Government, state government or any other institutes. For this the bidder should furnish Declaration on letter head that the firm is not blacklisted.
7. The item/equipment being quoted should be of OEM (Original Equipment Manufacturers) and no nonstandard equipment should be quoted. The tenderers must be authorized distributors/dealer of OEM. A certificate from OEM to this effect should be attached with the bid. The Tenderer should also specify regarding Dealership/Proprietary item and copy of the latest certificates from the principal should be produced with the tender.
8. Bidder should furnish Copy of product manual/catalogue of product etc with the technical bid. The bidder should also furnish Circuit diagram (if applicable).
9. Bidder should provide Full Addresses & contact numbers of Service Centres. Details of service support facilities that would be provided after the warranty period should be submitted.
10. The bidder not found qualified in technical (Bid) field, will not be allowed to open its financial bid.
11. If required, the bidder may be asked and should be willing to arrange demonstration of the equipment offered, free of charge at on a mutually agreeable place and date prior to opening of priced bids to ascertain their conformity with tendered specifications.
12. Bidders who meet the criteria given above are subject to be disqualified, if they have made untrue or false representation in the forms, statements and attachments submitted in proof of the qualification requirements or have a record of poor performance, not properly completing the contract, inordinate delays in completion or financial failure, etc.
13. Any additional bid participation criteria / eligibility conditions etc. mentioned in the Technical Specifications sheet will also form part of the Qualification Requirements along with those mentioned in this chapter.

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TERM AND CONDITIONS

The offer will be subject to the following terms and conditions: -

1. Sealed tender should be submitted in a Two-bid System. Earnest money and Technical bid shall be submitted as Part I. Price bid shall be submitted as Part II. Both Part I & II must be submitted in large sealed envelopes to the tender box place at Finance office, C.S.J.M. University, Kanpur-208024, failing which the tender shall be treated as void ab-initio. The envelopes must be superscribed "Tender/Quotation for Supply of Scientific equipment"
 Adv. No. _____ dated _____ of C.S.J.M. University, Kanpur-208024

Technical bid must contain **original catalogue, literature of product, copy of product manual and circuit diagram** (if applicable). All papers as mentioned in check list must be enclosed with technical bid, strictly in accordance with the serial of check list. **Price bid** must strictly conform to Proforma provided on letter-head of the tenderer. In the event of the specified date for the submission of tender offers being declared a holiday, the offers will be received on the appointed time on the next working day and such bid will be opened accordingly.

2. The Tender will be received on _____, from 10 am. upto 2.30 pm. and will be opened at 3.00 pm on the same day in presence of the tenderers or their authorized representative, if any. The tenderer need to submit the sealed tender form in the tender box available at Finance controller office of the University, during the above mentioned time.
3. Validity of the tenders should be for 180 days from the date of opening of tenders.
4. Any action on the part of the tenderer to influence any body of the University will make his tender liable for rejection.
5. **Fixed Price:** The Financial Bid shall be on a fixed price basis, inclusive of all taxes and levies. No price variation shall be allowed relating to increases in dollar price variation, etc. Price should be quoted in Indian currency i.e Indian Rupee. Price quotation accompanied by vague and conditional expressions such as "subject to immediate acceptance", "subject to confirmation before sales" etc. will be treated as being variance and shall be liable for rejection.
6. The F.O.R prices (C.S.J.M. University) should be mentioned.
7. The tender terms and conditions should be clearly typed or legibly written, in English language, giving the full name and address of the tenderer. The tenderer should quote in figures as well as in words the rates and the amount quoted by him/them. Alteration, if any unless legibly attested by the tenderer, with their full signature, shall invalidate the tender.
8. Any company/ firm/ dealer/ manufacturer black listed by Central Government, state government or any other institutes are not entitled to fill up the tender. If it is submitted, it will be rejected, deposit will be superseded and legal action will be taken against them.
9. The tender should be signed by the tenderer himself/themselves or his/ their authorized agent on his/ their behalf. In case the tender is signed by the agent the authority letter in original, in his favour, shall be enclosed with tender documents.

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The tenderers should take care that the rates and amounts are written in such a way that interpolation is not possible. No blank space should be left, which would otherwise make the tender liable to rejection. Corrections, alterations, deletions should have been initiated by the party initial. No tender will be entertained without signature.

10. All technical bids will be deemed successful only after the assessment and approval of equipment/material by nominated panel of experts of University. If needed, the tenderer/supplier will be informed of the date/venue for demonstration of quoted products at their cost. The University may consider the option of inspection of equipments at other places also; in that case arrangements will be made by tenderer and full expenses shall be borne by them.
11. The quantity shown in the Schedule may increase or decrease to any extent depending upon the actual requirement.
12. No commitment to accept lowest or any tender: C.S.J.M. University shall be under no obligation to accept the lowest or any other quotation received in response to this tender enquiry and shall be entitled to reject any or all offers including those received late or incomplete offers without assigning any reason whatsoever.
13. Any statutory Certificate/Permission/License required for the equipment has to be procured by the firm at their own cost in favour of Registrar, C.S.J.M. University, Kanpur, at the time of Supply/Installation of the equipment.
14. The offer should be firm and open for acceptance till 120 days from the stipulated date of opening. Price escalation will not be allowed.
15. Full specifications, details and information regarding the articles to be supplied, such as make, size, etc. along with original catalogue, etc. to be furnished with the offer. The list of users of goods of similar or same nature in the country should also be enclosed. The offer would not be considered fit if these details are not provided.
16. The stores are required to be delivered to the consignee concerned and the consignee will do inspection and verification of the goods.
17. One year on site comprehensive WARRANTY for all the items and works to be given OR (as specified in specifications). Beside that there should also be a provision for Annual Maintenance Contract. The warrantee period will be extended for the period of the Instruments remaining out of order during warrantee period. If any trouble or defect originating with the design, materials, workmanship or operating characteristics of any materials/equipment/machines arise at any time covering a period of 24 (Twenty four) months from the date of the satisfactory handing over of the equipments duly installed/ commissioned of goods/ materials and the seller is notified thereof, the seller shall at his own expenses and as promptly as possible make such alterations, repairs and replacement as may be necessary to permit the material/equipment/machines to function in accordance with the specifications and to fulfill the foregoing guarantees. The tenderer shall also provide the Installation, Commissioning, Demonstration and Training to the concerned personnel of this University with out any additional charge.
18. Security money shall be submitted to the tune of 5% of ordered value within 15 days of release of supply order. Security money should be given in shape of FDR of one year duration in favour of the Finance Officer , C.S.J.M. University, Kanpur and

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payable at Kanpur , India or in form of Bank security in Proforma attached in tender document. In case he fails to deposit the same within the specified period his earnest money may be forfeited, contract may be terminated and awarded to next lowest bidder and he may be debarred upto 2 years Any or all tenders can be rejected by the tender committee of C.S.J.M. University from further tenders. Security money will be refunded after 1 year of supply provided University is satisfied regarding performance of equipment/services of supplier.

19. The Goods supplied under the Contract shall be fully insured against loss or damage up to final destination.
20. All disputes and question, if any arising between the University and the bidder out of or in connection with the terms and conditions contained herein or as to the construction of application thereof, or the respective rights and obligations of the parties there under or as to any clause or thing herein contained or by reason of the supply or failure or refusal to supply any material or as to any other matter in any way relating to these presents shall be referred to the sole arbitration of the hon'ble Vice Chancellor of the C.S.J.M. University, Kanpur or his nominee. The decision of the sole arbitrator shall be final and binding upon both parties and subject to adjudication of Kanpur Court. Place for arbitration shall be at Kanpur (U.P), India. Venue of such arbitration proceedings shall be C.S.J.M. University, Kanpur.
21. Tenders which do not fulfill any or all of the above conditions or incomplete, are liable for rejection.
22. Installation should be within 15 days of the delivery of the instruments or as demanded under work order and no extra cost will be paid.
23. After acceptance of tender and supply of items in time, the EMD amount will be given back. In case of non- supply of items, the EMD amount will be fortified and order will be placed to next lowest rate quoted party.
24. The University reserves the right to cancel the purchase order or any part thereof and shall be entitled to revise the contract wholly or in part by a written notice to the vendor, if:
 - (a) The tenderer fails to comply with the terms of the purchase order including specifications and order technical requirement.
 - (b) The tenderer becomes bankrupt or goes into liquidation.
 - (c) The tenderer fails to deliver the goods in time and or does not replace the rejected goods promptly.
 - (d) A receiver is appointed for any of the property owned by the vendor.
 - (e) The tenderer becomes incapacitated to enter in to a contract under the Indian Contract Act, 1872.
26. Upon receipt of the said cancellation notice, as provided in clause above, the vendor shall discontinue all works of the purchase order and matters connected with it.
27. The University may at its option, remove all defective materials/equipment/machines at the seller's expense in which event the seller shall, without any cost to the University and as promptly as possible, furnish and install proper materials, repaired or replaced materials shall be similarly guaranteed for a period of not less than 12 (Twelve) months from the date of reinstallation.
28. In the event that the materials/equipment/machines supplied do not meet the

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specifications and are not in accordance with the drawings, data sheets or the terms of this order and rectifications are required at site, the University shall notify to the seller giving full details of differences. The seller shall attend the site, within seven days of receipt of such notice to meet and agree with representative of the University for the action required to correct the deficiency.

29. Delivery on time as mentioned in purchase order shall be the essence of the order and no variation shall be permitted except with prior authorization in writing from the University.
30. In the event of delay in making delivery on the part of the tenderer, it will be at University's discretion to accept delivery with a reduction in price of the article/ equipment.
31. In the case of non-supply of materials/equipments/machines within stipulated period, it will be at the discretion of the University to accept delivery with late delivery clause @ 1 % per week maximum to the extent of 10% of the ordered value for delayed supply.
32. The foreign manufacturer or their Indian representative will ensure a proper after sales service as per University's requirement from time to time, against the guarantee/warranty clause as per the terms and conditions agreed. Any negligence on this account shall be the sole responsibility of foreign vendor and the liability for compensation will be fixed up by the University.
33. **Separate offers of Comprehensive Maintenance Contract (CMC) and Annual Maintenance Contract for further 3 years after expiry of one year of warranty (i.e. 2nd 3rd, 4th years respectively) in rupees only (not on basis of percentage of price) should be included in financial bid. The tender Committee may, at its discretion, club and consider either of the two for determining successful tender. Payment for CMC/AMC shall be made only after expiry of warranty of 1 year, in case the University decides for availing CMC/AMC services. Contract for CMC/AMC shall be entered into before release of payment by the University. However, the University may decide not to enter into any CMC/AMC contract without assigning any reason for the same, which shall be binding upon the tender.**
34. Legal action may be initiated against such tenderer in case any of the information submitted by the tenderer is found to be false at any stage of the contract.

REGISTRAR
C.S.J.M. University, Kanpur

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TECHNICAL SPECIFICATIONS

1. **Incinerator, 30x15x15, 1150°C, Digital Controller:** Construction in Mild steel, Heating element in nichrome kanthal finished in Powder coated Paints, working temp 1150°C Max 1200°C. Silver fuse. Door Switch Lead wire Spare Regulator. Thermocouple for 1200°C Thermal Fuse. Regulator With Pyrometer Digital Controller.
2. **All Purpose Equipment with all accessories:** Based on Powerful Main drive fitted with very high torque DC Geared motor and fitted with Digital Speed Controller, Microcontroller based Programmable Digital Timer and Temperature Controller. Temperature Controller is meant for controlling the Temperature of HOT AIR required for drying purposes specially for Coating Pan applications. All Purposes Equipment with following accessories:
 - a) Ball Mill b) Coating Pan c) Polish Pan d) V-Blender e) Double Cone Blender f) Cube Mixer
3. **Aseptic cabinet Export quality:** SIZE : 95 X 50 X 50 cm Structure with sloping front acrylic sheet and side door (Fully Viewable) 3' germicidal ultra- violet tube and 2' flourescent tube for white light, with necessary choke blast, starter, switches fitted. Also mains lead and plug provided. Two holes with rings and sleeves for insertion of arms provided.
4. **Bottle sealing machine, HAND OPERATED, All contact parts S.S.** Capacity : 10 ml. to 100 ml.: PORTABLE MODEL. P.P. Cap sealing & threading machine. Double Operation with 4 dies.(i.e .22, 25, 28 & 31.5 mm dia)
5. **Energy meter:** Table model
6. **Humidity control oven 90 ltrs/ R & D model:** Temp. range: 8°C above ambient to 60°C ±0.5°C. Temp. control: Digital (dry and wet bulb), Humidity range: ambient to 95%R.H. ±3% R.H. Inner chamber S.S. Outer chamber mild steel powder coated. 3 cu/ft. 90 ltrs. 40x 40x 57 cms. Digital display : % RH indicator and controller.
7. **Paper Electrophoresis with power supply:** Dimensions: 20cm (L) x 29cm (B) x 7cm (H), No. of Strips : , Buffer Volume : 300 ml. **complete unit consists of:** Basic unit with Platinum Eelectrode. Paper supporting frame (1 No.) Paper clamping rod (12 Nos.) Power cord with Lid (1 No. each) User Manual.
8. **Automatic Bioanalyser:** Extended Absorbance Range of 0~3.5 ABS units. End point, Fixed-time, Kinetics , Absorbance, Turbidimetry with Linear Non Linear Calibration • Wavelengths range 340 to 670nm • Test mode: Flowcell or Cuvette • Supports Bi-chromatic tests with real time reaction curve display. • 7.0" TFT touch screen & popup keypad • Up to 200 tests can be programmed. • 1st Instrument in its class to have interactive "On- Line Help" function. • User friendly interface: External Keyboard or mouse support via USB. Internal Thermal Printer or Supports External HP Printerclinical chemistry analyzer should be USFDA approved. Endpoint, with reagent blank • Endpoint, with sample blank and reagent blank • Kinetics. with or

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without reagent blank • Two point Kinetics / Fixed Time, with or without reagent blank • Absorbance • Turbidimetry, Linear and non-linear calibration Mode, • Bi-chromatic Mode, Tungsten-halogen lamp 6V/10W, Selection: Automatic by 8 position filter wheel, • 6 standard filters: 340nm, 405nm, 510nm, 546nm, 578nm and 630nm, • 2 positions free for optional wavelengths: 450nm, 670nm., • Bandwidth < 8nm, • Stray light < 0.1% @ 340nm, 0 – 3.5 ABS, • Stability: <0.0005A / 20 min @ 340nm. • Room temperature. 25 °C., 30 °C., 37 °C.. Stainless Steel with Quartz Window, • Measuring volume 32 µl, • Optical Path 10mm, • Aspiration volume 200 – 9000 µl, Programmable

TEMPERATURE CONTROL • By means of Peltier elements. • Room temperature, 25 °C, 30 °C, 37 °C **MEMORY** • 200 Tests • 3000 Sample Results • 1000 Quality Control Results **INPUT** • Touch screen with touch pen and popup keypad • Mouse • Keyboard via USB **PRINTER** • Built in Thermal Printer • Supports External Specific Printer of HP Series

INTERFACE • RS232 serial port supporting data transmission • USB port (2.0) for keyboard, mouse, printer

OPERATING ENVIRONMENT • Temperature 15 °C - 30 °C • Humidity 35% - 85%, no condensation

POWER REQUIREMENT • Wide Power Supply Ac 100-240V, 50/60Hz 7kg

DIMENSION: • 422mm X 340mm X 160mm (LXWXH)

WEIGHT: • Weight 7 Kg

Tests: Blood sugar, Blood urea, Blood Creatinine, Blood Uric Acid, , SGOT , SGPT , Alkaline phosphatase ., Total Bilrubin , Direct Bilrubin, Cholestrol , Triglycerides , HDL , LDL, Total; Protein, Albumin, HSCRIP, Calcium , Phosphorous , CPK (Total).

9. **FTIR:** We require a High-end advanced PC based system FTIR system with Latest Windows based Software for operation on 220V / 50Hz:

- It should cover Full mid-IR wave number range from $7,800\text{cm}^{-1}$ to 350cm^{-1}
- The Interferometer should be Michelson's interferometer with 30° incident angle. The Optics should be completely sealed and desiccated.
- The signal-to-Noise ratio should be minimum 30,000:1 or higher (peak-to-peak, Around $2,100\text{cm}^{-1}$, 4cm^{-1} resolution, 1 min accumulations)
- The Alignment should be Dynamic Alignment for stable performance and immune to tilt, shear and vibrations.
- The Joint Support System should be frictionless Flexible Joint Support (FJS) moving mirror mechanism for smooth moving mirror motion and high quality IR spectra.

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- The spectral resolution should be of 0.5 cm^{-1} selectable in steps of 0.5, 1, 2, 4, 8 & 16 cm^{-1}
- The Beam Splitter should be Ge coated KBr beam splitter with moisture resistant coatings on surfaces.
- The IR Source should be High intensity long life Ceramic source.
- The Detector should be High sensitivity temperature controlled DLATGS detector.
- The Moving Mirror speed should be selectable from 2.0, 2.8, 5.0 & 9.0mm/sec.
- The Data sampling should be by stable He-Ne laser.
- The System should have Four-way protection to beam splitter including built-in **Auto dryer inside the interferometer for stable operation in extreme humidity conditions.**
- The System should have Latest Windows based software for complete instrument control full data processing including Arithmetic calculations; Dynamic spectral subtraction; Peak detection; Baseline correction; Normalization; Derivatives etc.
- The system should have built-in advanced data processing capabilities include Full Quantitation; Spectrum search; Private library search; Multi-linear regression; Deconvolution; Kubelka-Munk conversion; Kramer-Kronig Analysis; ATR-correction; JCAMP conversion; ASCII conversion.
- The system should have Built-in atmospheric correction function for automatic elimination of water vapor and CO_2 peaks.
- Built-in self diagnostic function for checking, logging and status monitoring of interferometer conditions and key components in the interferometer & sequential display of result.
- USB interface for PC connectivity.
- Branded Desktop PC with latest specifications, Laser Jet Black & Printer and suitable On line UPS.
- **Accessories:** a) **For Liquid Samples :** Demountable Cell(NaCl) for Qualitative Analysis & Fixed Thickness Cell(NaCl) for Quantitative Analysis
b) **For Powder Samples:** Hydraulic Press, Pellet, Die and Pellet Holder etc.

10. HPLC:

Integrated Quaternary Gradient HPLC System with Pump, Low pressure gradient valve, Mixer, 5 -channel Online Degasser, UV -Detector, Auto Sampler and Column Oven with controlling software.

Pump style: Serial dual plungers, Flow rate accuracy, Flow rate $\pm 1\%$ or $\pm 2 \mu\text{l}/\text{min}$. whichever is larger 0.001 ml/min to 5.0 ml/min, Pulse reduction system: Micro volume

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plunger, Motor Speed control by pressure feedback, Gradient range: 0-100%, 0.1% step, Gradient mode: Low Pressure, Gradient accuracy: +/- 0.5%

Column Oven : Mechanism : Heating Block, Temperature control Range: (ambient – 15) – 60 deg. C

Temperature control accuracy : +/- 0.1 deg. C

Auto sampler with Sample Cooler

Sample injection method: Total volume injection, Injection accuracy: +/-1% Minimum sample volume : 0.1ul, Reproducibility : with in 0.3% RSD. Number of samples: 140 samples of 1.5ml. Sample injection speed : 15 sec (10uL injection)

UV detector: Wavelength range: 190-600 nm, Wavelength accuracy: +/- 1nm, Noise: +/- 0.25×10^{-5} AU (8ul cell), Drift: +/- 1×10^{-4} AU/h, Simultaneous dual wavelength measurement, Possible Linearity: 2.5 AU

Other features: Automation: Auto start-up , Auto shut-down, Validation function: Auto validation, , System check, Maintenance, Measurement, Software: Controlling software 21CFR Part 11 Compliance Software with IQ/OQ and System suitability , Columns C18 column of 250 x 4.6mm, 5u size , 02 No

11. Recirculating Cooler with complete accessories (1/3hp) with Centrifugal Pump

Powerful recirculating coolers, a wide range of cooling capacities with temperature reliability. Innovative control system, with a dynamic pumping capacity, and ideal for external temp. applications. Broad range of models to choose from based on working temperature range.

Temperature (Bath fluid : ethylene glycol mix 1 : 1 water): Working Temperature Range (°C / °F): -20 to 40 / -4 to 104, Temperature Stability at 15°C (\pm ° C / °F): 1 / 1.8

Cooling capacity (Bath fluid : ethylene glycol mix 1 : 1 water): at 20° C (kW): 0.7, at 10° C (kW): 0.6, at -10° C (kW): 0.32, at -20° C (kW): 0.14,

Pump: Max. flow rate (L / min, gal / min): 50 / 13.2, Max. pressure (bar / psi): 1 / 14.5., Max. filling capacity (L / cu ft): 10 / 0.35,

Dimension: For tubing dia (mm / inch): 20 / 0.8, Overall (W x L x H, mm / inch): 400

x545 x 690 / 15.7 x 21.5 x 27.2. Net Weight (Kg / Lbs): 64.85 / 143 Electrical Requirement (230 V, 50 Hz): 5 A

- ⊕ Temperature range is from -20°C to 40°C.
- ⊕ Bright LED water level indicator can be easily identified.
- ⊕ Low fluid level and dry-running protection when triggered shows an error symbol on the display and an audible sound.

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- ⊕ If the equipment operates at 40°C or above due to the external environment, user can simply identify the error with a visual or an audible sound.
 - ⊕ Designed to simplify operation with a touch screen type display.
 - Easy-to-read VFD display with interactive touch keys.
 - Setting and resolution indication 0.1°C/°F.
 - Quick keypad lock prevents accidental parameter changes.
 - Signal indicator for operation status.
 - ⊕ The refrigerating system is designed to reduce energy consumption and to maximize in refrigerating efficiency.
 - ⊕ Eco-friendly R-404A / R507 refrigerant is used to prevent environmental pollution. Double service valve is used to prevent refrigerant leakage.
 - ⊕ Removable gridded vent for reducing condenser contamination and to facilitate cleanliness.
 - ⊕ A wide (Ø120mm / 4.72") solution inlet is for easy and safe pouring of solution into the recirculating cooler.
 - ⊕ Pressure gauge comes standard for observing the pump pressure.
 - ⊕ The refrigeration system can be observed easily to diagnostic at a glance by high / low pressure gauges.
 - ⊕ Wheels allow for easy mobility.
 - ⊕ The beautifully designed and compact.
 - ⊕ Different types of pumps come standard with the recirculating cooler to provide versatility.
 - ⊕ Warning alarm/monitoring system.
 - Over temperature.
 - Lack of bath solutions.
- 12. Programmable Dissolution Tester having LCD Display of Time, Temp & RPM With Printer Port [3 Station]. Unit as per USP**

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PROFORMA OF TECHNICAL BID (Detail of product offered on letter Head)

TENDER NO. & NAME OF ITEM

S.No. of equipment/Instrument as per enclosed specification	Model No./Cat.No.	Name of Items with full specification etc.	Name of principal manufacturing company and country of origin

Signature of the tenderer

Name:

Designation:

Seal:

Date:

Signature & Seal of the Tenderer

Ashish Kumar

TECHNICAL COMPLIANCE STATEMENT FORM

An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

S.N.	Item Name	Tender specification	Bidder's Specification	Remarks/ Deviation (if any)
1.				

(Technical literature/brochures/manuals should be attached alongwith this format)

Please note:

1. Compliance/Deviation statement comparing the specifications of the quoted model to the required specifications. This statement should also give the page number(s) of the technical literature where the relevant specification is mentioned.
2. Bids must have supporting documents (technical literature or copies of relevant pages from the service manual or factory test data) for all the points noted above, failure regarding which may result in rejection of bid.

Signature & Seal of the Tenderer

Nisha Shoni

PERFORMANCE SECURITY FORM

The Registrar,
C.S.J.M. University,
Kalyanpur,
Kanpur.

WHEREAS(Name of Supplier)
Hereinafter called "the Supplier" has undertaken, in pursuance of Contract no.....
dated,..... 201... to supply.....(Description of
Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance including warranty obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of

(Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of

..... (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....20.....

Signature and Seal of Guarantors
(Complete Address/Contact Details with Tel./Fax/email etc)

Date

Signature & Seal of the Tenderer

Mohd. Aslam

FINANCIAL BID

(To be sealed in separate envelop)

Price Quotation For Instrument supply at C.S.J.M. University, Kanpur

Name of the Tenderer (Company/Firm):

Address for Correspondence:

I/We hereby submit the proposal for the supply of Instruments & equipments and other accessories as per the scope of work given in this tender document within the time specified and in accordance with the terms and conditions. The consolidated rate is quoted in the prescribed format given below.

Sr. no.	Item	Make/ Manufacturing/	Price Quoted(inclusive of all taxes)
1.			

Note:

1. The rate should not be provided as a percentage figure.
2. The consolidated rate should include all Govt. and any other levies (e.g. Service Tax /VAT etc.)
3. The tenderer is advised to quote rate in absolute Indian Rupees.
4. The rate quoted will be valid for 120 days. The period can be extended with mutual agreement.
5. No condition will be entertained and conditional tender will be liable to be rejected.
6. The F.O.R prices for C.S.J.M.U. Kanpur, should be mentioned.

Signature & Seal of the Tenderer

Nishu Sharma