

Department of Chemical Sciences



PTU

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ

Estd. Under Punjab Technical University Act, 1996
(Punjab Act No. 1 of 1997)

Ref. No. _____

for web Portal .
By Registered / Speed Post

Dated _____

Ref. No.

Date:

Subject: Quotation for purchase of instruments for IKGPTU Main Campus

Dear Sir/Madam

University intends to procure instruments for the Department of Chemical Sciences, IKGPTU Main Campus (details enclosed) by inviting sealed quotations. The supply order will be placed to the firm quoting lowest rates instrument / equipment wise. Therefore, you are informed to send the sealed quotation (as per the attached format). The quotations are to be typed on the letter head of the firm preferably. The quotation must reach in the office of **Head, Department of Chemical Sciences, I.K. Gujral Punjab Technical University, Jalandhar-Kapurthala Highway, Kapurthala-144603 (Punjab)** upto 3 PM on 07.01.2019. Quotations will be opened at 4 PM on 07.01.2019 in the office of **Head, Department of Chemical Sciences**. The bidders or their representative may be present at the opening of the quotations. If Govt. of Punjab/IKGPTU declares holiday on 07.01.19, then the quotations will be opened on the next working day.

Terms and Conditions:

1. Bidder is at liberty to quote rates of one or more than one item(s) / brand(s) / make(s) etc. There is no compulsion to quote the rates for all the item(s) / brand(s) / make(s) etc.
2. The firm having GST number need only apply.
3. Any quotation other than the specified make / brand / specifications will not be considered.
4. University reserves the right to increase / decrease the item(s) / quantity.
5. The instruments to be delivered in the Department of Chemical Sciences, I.K. Gujral Punjab Technical University, Jalandhar-Kapurthala Highway, Kapurthala-144603 (Punjab) within 30 days of the issuance of the supply order.
6. No advance payment will be made of and University will not pay anything extra, as the rates invited are inclusive of taxes/Govt. levies/duty/ transportation etc.
7. The payment will be released after the receipt of satisfactory report of the supplied instruments.


I. K. Gujral Punjab Technical University Kapurthala

Jalandhar-Kapurthala Highway, Kapurthala-144 603

8. Please subscribe on envelop "QUOTATION FOR THE PROCUREMENT OF INSTRUMENTS FOR DEPARTMENT OF CHEMICAL SCIENCES. TO BE OPENED BY THE COMMITTEE ONLY".

Head

17/12/15
(Department of Chemical Sciences)

CC:

1. Registrar (For information please)
2. Director, IKGPTU Main Campus (For information please)
3. Deputy Controller (ITS-For uploading on University website, please)

I.K. Gujral Punjab Technical University, Kapurthala
Department of Chemical Sciences

Detailed specifications of the instruments are as follows:

S.No.	Instrument / Equipment	Qty.	Desirable specifications	Desirable Make / Brand
1	Vacuum heating Oven	1	1. Capacity 15-20 L, 2. Stainless steel inner chamber, 3. With Vacuum pump (with oil free 22" Hg vacuum and upto 45 ltr/min max flow) 4. Temp range 0-250°C, Accuracy +/- 1° C 5. Electronic digital temperature controller and indicator	Cole-parmer / Tempo / Across / Thermo Fisher / Perfit
2	Heating Air Oven	2	1. double wall, Inner chamber made of highly polished stainless steel sheet 2. Uniform heating in range of 50 to 250 degree C +/- 1°C 3. Size 18"×18"×18" (455mm×455mm×455), capacity upto 100ltr 4. Digital display	Tempo / Cole Parmer / Thermo Fisher / Perfit
3	Mechanical Stirrer	4	1. Suitable for AC power supply 2. Geared stirrer- efficiently operational at low speed 3. Suitable for water, light oil, viscous fluids & materials 4. Stirring shaft height adjustable with 4 cross blade type impeller 5. Digital display, adjustable stirring speed 6. Stirring capacity upto 5 Ltr 7. RPM 50-550	Remi / Ika/ Cole-Parmer / D lab / Eyela
4	Aspirator	2	1. Aspirator pump for rotary vacuum evaporation, decompression distillation, vacuum drying, and vacuum filtering applications 2. 10-15 L water tank for portability 3. Built-in circulating pump and water tank 4. Built-in check valve prevents backflow of water into the aspirator pump 5. Corrosion-resistant construction of all wetted parts with 304 stainless steel 6. Pressure upto 29.5" of Hg	Metrex / Cole-parmer / Eyela/ Thermo Fisher
5	Vacuum Pump oil free	2	1. Oil free 2. vacuum upto 22" Hg with maximum flow upto 40 Ltr/Min 3. With vacuum gauge and regulator	Cole parmer / Perfit / AXIVA
6	Lux meter	1	1. Digital, range 0-200000lux, resolution 0.1 lux, sampling time 1.5-2.0 sec 2. Auto Ranging, Peak Hold , Auto Power Off , Max. & Datahold , 3. User Selectable Fc/lux.	Any brand meeting desired specifications

Ans

			4. Battery operated	
7	Magnetic Stirrer	6	1. 2L capacity 2. Hot plate 3. Suitable for AC power supply 4. Digital display with variable stirring speed 5. Adjustable temperature range	Remi / Ika/ Cole-Parmer / Eyela / Wiggins
8	Sodium Press (Made up of steel)	2	1. Made up of heavy iron casting and mild steel 2. stainless steel die to generate sodium wire of 1mm diameter	Any brand meeting desired specifications
9	Water bath	2	1. Rectangular 6 holes 2. Removable concentric rings for the adjustment of flasks of variable sizes. 3. With thermostat, temperature range upto 110°C with +/- 1°C 4. With variable temperature range and regulator 5. Double walled, inner chamber made up of Stainless steel	Tempo / Cole parmer / Thermo Fisher / Metrex / Perfit
10	Ultrasonicator	1	1. With stainless steel inner and outer tank 2. Capacity 1.5-2L, 3. Digital, Autodegassing 4. Temperature range upto 80°C	Wensar / Tempo / Cole parmer / Perfit

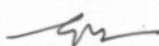
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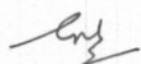
Head**Department of Chemical Sciences****I.K. Gujral Punjab Technical University****Kapurthala-144603****Subject: Quotation for purchase of instruments for IKGPTU Main Campus**

S.No.	Instrument with specifications	Make	Rate (inclusive of all) per pcs excluding GST	% of GST	Amount of GST	Rate per pcs including GST
1	Vacuum heating Oven 1. Capacity 15-20 L, 2. Stainless steel inner chamber, 3. With Vacuum pump (withoil free 22" Hg vacuum and upto 45 ltr/min max flow) 4. Temp range 0-250°C, Accuracy +/- 1° C 5. Electronic digital temperature controller and indicator	Cole-Parmer				
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		AXIVA				
6	Lux Meter 1. Digital, range 0-200000lux, resolution 0.1 lux, sampling time 1.5-2.0 sec 2. Auto Ranging, Peak Hold , Auto Power Off , Max. & Datahold , 3. User Selectable Fc/lux. 4. Battery operated					
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		Tempo				
		Cole-Parmer				
		Perfit				

GST No.



 Signature of the authorized
 signatory with seal