



COMSATS Institute of Information Technology  
Lahore Campus, Defence Road, Off Raiwind Road, Lahore

Tender No. CIIT-TN-13-17-938  
Case # 2158

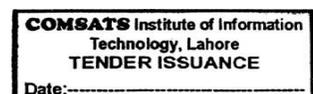
**Title: Remaining Chemicals & Consumable Items for Chemical Engineering Department for Fall-2017, CIIT-Lahore**

**TERMS AND CONDITIONS**

**[All pages (BoQs & Terms & Conditions) are mandatory to be signed / stamped, failing which the bid may be rejected.]**

- 1. Any addition, deletion or modification of any clause of the procurement terms & conditions / BoQs of CIIT by any vendor will not be acceptable and may lead to rejection of the bid.*
- 2. Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to participate in tender.*
3. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS Institute of Information Technology, Lahore Campus.
4. Documents along with Pay Order / Demand Draft amounting to **Rs. 500/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS Institute of Information Technology, Lahore to the address given below. No bid will be accepted without tender documents' fee.
5. Part / Advance payments is not allowed.
6. The exact completion/delivery time from the date of the purchase / work order will be **20 days**. The handing over / completion time for this contract is of critical importance
7. Your bid proposal should be inclusive of freight and all other taxes and to be delivered at COMSATS Institute of Information Technology, Lahore Campus's premises.
8. After opening of bids, COMSATS Institute of Information Technology, Lahore Campus will examine the bids for completeness as per tender document.
9. Purchase order (s) will be awarded to the lowest or technically recommended bidder (s) on the basis of item wise / subtotal wise / grand total wise according to the nature of BoQs.
10. The bid should be submitted in a sealed envelope up to **September 27, 2017** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders.
11. The envelope should be marked as under;  
**Secretary, Purchase Committee**  
**COMSATS Institute of Information Technology, Lahore Campus**  
Defence Road, Off Raiwind Road, Lahore.  
Tel: 042-111-001-007, Ext: 875

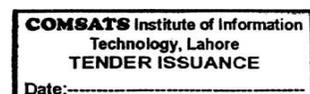
**Signature & Stamp of Bidder**



The envelope shall also bear the word “**CONFIDENTIAL**” and following identification quotation of “**Remaining Chemicals & Consumable Items for Chemical Engineering Department for Fall-2017, CIIT-Lahore**”.

12. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
13. **If the vendor fails to deliver the goods / services to CIIT-Lahore in time then the penalty will be charged as under:-**
  - a. 1% per day of the invoice price for 5 working days.
  - b. 2% per day of the invoice price for further 5 working days.
  - c. If the vendor fails to deliver the goods / services during the extended period then the purchase / work order may be cancelled, earnest money and payment may be forfeited.
14. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.
15. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
16. Payment will be made on submission of Invoice in the name of “COMSATS Institute of Information Technology, Lahore Campus” with a copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery / installation, and COMSATS acceptance / inspection thereof.
17. All prices should be quoted on F.O.R (Pak Rupees).
18. All prices should be valid for at least **60 days**. Withdrawal or any modification of the original offer within the validity period shall entitle CIIT to forfeit the earnest money in favor of the CIIT and / or put a ban on such vendor participation in CIIT tenders / works.
19. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
20. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
21. The CIIT reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
22. **The bidder is required to furnish in form of Bank deposit / CDR / Pay order equivalent to 2% of the total Bid price as Earnest Money crossed in favor of “COMSATS Institute of Information Technology, Lahore Campus”. Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.**
23. COMSATS Institute of Information Technology, Lahore Campus reserves the rights to accept or reject the bid if;

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- i. Received without earnest money
- ii. Received later than the date and time fixed for tender submission
- iii. The tender is unsigned/ unstamped
- iv. The offer is ambiguous
- v. The offer is conditional
- vi. Offer is made by the unauthorized agent/ supplier of the original equipment manufacturer.
- vii. The offer is from a firm, which is black listed by any Govt. Office.
- viii. The offer is received by telephone/telex/fax/telegram.
- ix. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.

24. The bidder should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender. Otherwise the tender will not be considered under any circumstances.

25. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

- **Company / Vendor Name:**.....
- **Postal Address:**.....
- **Tel. / Mobile:**.....**Email:**.....
- **NTN# :**.....**GST#:**.....
- **Signature:** .....
- **Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.**

**BoQs of Remaining Chemicals & Consumable Items for Chemical Engineering Department for Fall-2017, CIIT-Lahore**

No change in the BoQs (Specs & Qty.) of CIIT, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CIIT's BoQ may lead to rejection of bid (fully or partially).				Rates to be quoted inclusive of all (applicable) taxes	
Sr. #	Item Name	Quoted Model / Brand	Qty	Quoted Model / Brand	Total Price (Rs)
<b>Items for Master Thesis (Item Wise Basis)</b>					
1	Mass Flow controller	<p>N2, preferably Bronkhorst or equivalent            Flow range: 20 ml/min-1000 ml/min            Discharge Pressure: 1-5 bar            RS232 connection with cable, relevant accessories and software for triggering the mass flow controller from computer            Standard NPT (1/4") Connection            Operating temperature range: 25-60 Deg Celcius            Minimal pressure drop as possible            Installation of MFC and software installation along with trigger control of MFC by PC must be provided.            Power supply and communication cables included            Vendor must be attached the exclusive distribution certificate of quoted brand / model alongwith the bid.</p>	01	No	

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2	Dosing pump for liquid	<p>Flow range : 1mL/min to 100 mL/min          Prefereably KnF or equivalent          Three digit LED display showing motor rpm          LED indicators confirm motor direction          stackable, splash-resistant ABS plastic housing; IP33 rated          Installation of pump and software installation along with trigger control of pump by PC must be provided.          Operating temperature range: 25-60 °Celcius          Discharge Pressure: 2-5 bar          Power supply and communication cables included          Vendor must be attached the exclusive distribution certificate of quoted brand / model alongwith the bid.</p>	01	No			
<b>Chemicals for CPT Projects(Item Wise Basis)</b>							
3	Corderite monolith substrate	0.5 in diameter, 400 dpi	10	unit			
4	Ethylene propylene diene monomer rubber (epdm rubber) or equivalent	Mooney Viscosity, ML 1+4 at 125°C 22-28; Ethylene, Mass % 65-70; ENB Mass % 4.8-5, Or equivalent	20	kg			
5	Ethylene propylene diene monomer rubber (epdm rubber) or equivalent	Mooney Viscosity, ML 1+4 at 125°C 57-63; Ethylene, Mass % 65-70; ENB Mass % 4.8-5, or equivalent	20	kg			
6	Ethylene propylene diene monomer rubber (epdm rubber) or equivalent	Mooney Viscosity, ML 1+4 at 125°C 68-73; Ethylene, Mass % 48-55; ENB Mass % 4.8-5, Or equivalent	20	kg			
7	Quartz wool	Fused quartz woolcoarse, white colour or equivalent	2	kg			

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Automation Accessories for CPT Projects(Item Wise Basis)						
8	Acrylic transparent pipe	5 cm ID or equivalent	5	unit		
9	Cyclone	Acrylic material or equivalent	2	unit		
10	Differential pressure transmitter sensysdpd, display type) or equivalent	30 to 100 kPa	2	unit		
11	Flexible heating tape	Size: 0.5 inch x 4ft , Power density : 13.0 w/in <sup>2</sup> (2.0 w/cm <sup>2</sup> ) , Model #AWH-0512-040D, Control Model #: Model No. LC-Z-240V or equivalent	1	unit		
12	Peristaltic/hplc pump	Calibrated ≤0.1ml/min to 20 ml/min or equivalent	1	unit		
13	Bubble flow meter	Local	1	unit		
Lab Accessories for CPT Projects (Item Wise Basis)						
14	Centrifuge machine	Model L-600A Benchtop or equivalent Medical Lab CentrifugeMax. Speed: 4500 rpm; Capacity: 12x15ml China or equivalent	1	Nos.		
15	Disposable gloves	Small (100 pair box)	1	no		
16	Disposable gloves	Medium ( 100 pair box)	3	Pair		
17	Stainless steel mesh	2 ft x 2 ft ( US Mesh _500 /2500 micron) or equivalent	5	No		
18	Tubing	PTFE made (8 mm) 5m Length Or equivalent	1	No.		
19	Connector	PTFE made (8 mm) or equivalent	5	Nos.		

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20	ph paper	Range: 3-5	6	Nos.		
21	Beaker	500 ml	12	Nos.		
22	Pasteur Pipet with sucker	KONTES® 63A54 Glass 5.75-Inch Pasteur Pipet, Unplugged, Disposable Soda Lime Glass or equivalent 100 Nos. in one packet	1	packet		
<b>Chemicals &amp; Consumable Items Sr. # 23 to 189 for Undergraduate lab Requirements (Sub Total / Turnkey Basis)</b>						
<b>1. Laboratory: Chemical Reaction Engineering</b>						
23	HCl	12 M or equivalent	5	Liter		
24	Ethyl acetate	Commercial Grade or equivalent	3	Liter		
25	NaOH	Commercial Grade or equivalent	2	kg		
26	Sodium Thiosulfate	Commercial Grade or equivalent	2.5	kg		
27	Calcium Carbonate	Fine	1	kg		
28	Calcium Carbonate	Coarse or equivalent	1	kg		
29	Conductivity Meter	Liquid conductivity measurement, digital Hanna $\mu$ S or equivalent	1	No.		
30	Thermometer	Maximum 120 <sup>0</sup> C	2	No.		
31	Lab Coats	Medium size As per sample available at CIIT Lahore	2	No.		
32	Beaker 100 mL	China or equivalent	5	No.		
33	Beaker 500 mL	China or equivalent	2	No.		
34	Measuring Cylinder 50 mL	China or equivalent	1	No.		
35	Measuring Cylinder 10 mL	China or equivalent	1	No.		

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36	Pipet 50 mL with sucker	China or equivalent	1	No.		
37	Cloth Duster	Local or equivalent	1	kg		
38	Safety goggles	Splash preventing China or equivalent	4	Nos.		
39	Safety Gloves	Rubber - Large size (containing 100 Nos. in each pack)	5	box		
40	Safety Gloves	Rubber - Medium size (containing 100 Nos. in each pack)	2	box		
41	Mask	To prevent the dust (containing 100 Nos. in each Pack)	3	pack		
42	Liquid Soap/Hand sanitizer	Standard size (600 ml) Dettol or equivalent	3	Bottle		
43	Liquid Detergents/Diswasher	Standard Size Max or equivalent	6	Bottle		
44	Cleaning Brush	For pipett and separating funnel	2	Nos.		
45	Scotch Brite or equivalent		2	Nos.		
<b>2. Laboratory: Mass Transfer Operations</b>						
46	Propionic Acid	Commercial Grade or equivalent	10	liter		
47	Trichloroethylene	Commercial Grade or equivalent	10	liter		
48	Water Filter Housing/Canister or equivalent	20*4.5"	3	Nos.		
49	Absorption Column Tubes	6''*5.5'	3	Nos.		

50	Absorption Collumn	70mm dia,5-6mm wt	1	Nos.		
51	Tissue paper(roll)	-	5	Nos.		
52	Carbon dioxide cylinder Refil	30Kg	1	No.		
<b>3. Laboratory: Simultaneous Heat and Mass Transfer Operations</b>						
53	Ethanol	Commercial Grade or equivalent	10	liter		
54	Methanol	Commercial Grade or equivalent	10	liter		
55	Soap	Liquid (Lifebuoy) or equivalent	4	Nos.		
56	Water Submersible Pump	300 kg/h, head = 8 m.	1	Nos.		
57	Tissue Paper Roll	Rose Petal (Bigger) or equivalent	2	Nos.		
<b>4. Laboratory: Heat Transfer Operations</b>						
58	Tissue rolls towel	Jumbo size	6	Nos.		
59	Screw Driver Set A+ quality	Complete Set (as per sample available at CIIT Lahore)	01	No.		
60	Hand Wash Dettol or equivalent	Large size bottles (600 ml)	6	No.		
61	Liquid Cleaner	Large size bottles (500 ml)	3	No.		
62	open pan evaporator or equivalent	15 cm dia / 20 cm height = SS insulated cylinder with copper coil 6.5 mm outer dia 12 ft in length	1	No.		
63	Copper pipe (insulated) or equivalent	6.5 mm outer dia	8	ft		

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64	In-line thermometer (Geyser)	In-line thermometer for temperature monitoring on a glass dial thermometer	2	Nos.		
65	Cabinets locks + Hooks	As per sample available at CIIT Lahore	6	Nos.		
<b>5. Laboratory: Fuels and Combustion</b>						
66	Silica Gel (For Desiccator)	VWR or equivalent	1	kg		
67	Lab. Safety Gloves	China or equivalent	3	Pack		
68	Lab. Safety Masks	China or equivalent	3	Pack		
69	Liquid Detergent (for glass ware)	Local or equivalent	2	Pcs		
70	Liquid Detergent (for hand wash)	Local or equivalent	2	Pcs		
71	Brush for (washing glass ware)	Local (small, medium, large) (01+01+01) in one set	3	sets		
72	Tissue Roll (for lab.)	Local (Jumbo Size )	6	Packs		
73	Spatula	Local ( Medium (02 Nos.) or equivalent Large (03 Nos.)	5	Pcs		
74	Aniline	RDH or equivalent	2.5	Litre		
75	Petrol	Local	2.5	Litre		
76	Toluene	Sigma or equivalent	2.5	Litre		

77	Sodium Dodecyl Sulphate(SDS)	Sigma or equivalent	500	g		
78	Zinc nitrate hexahydrate	Sigma or equivalent	500	g		
79	aluminium nitrate nanohydrate	Sigma or equivalent	250	g		
80	Sodium Hydroxide	Sigma or equivalent	1	Kg		
81	Weight Balance	OHAUS RS 232 interphase Max. Cap : 2000 g Readability : 0.01 g or equivalent	1	No.		
82	Extension	Local or equivalent (04 Akai Socket + 2 pin Shoe 15A, on/off button with 06 meters Heavy Duty cable 40/76) with good quality wooden box with faceplate (Complete with all aspects as per sample of CIIT-Lahore)	1	No.		
<b>6. Laboratory: Thermodynamics Lab</b>						
83	Steel Ball	D=2mm	1000	Nos.		
84	Syringe	Volume=5ml	12	Nos.		
85	Medicare Gloves	100 pairs in each box	2	Boxes		
86	Small Battery	09 V	4	Nos.		
87	Button Cell		8	Nos.		
88	AA Cell		6	Nos.		
89	Remote Cell		4	Nos.		
90	Glass Stirrer	standard size	12	Nos.		
91	Test Tubes	Standard, Glass, China or equivalent	50	Nos.		

92	Test Tubes	Large, Glass, China or equivalent	24	Nos.		
93	Helium Gas	Refilling (cylinder will be provided by CIIT)	10	kg		
94	Pipette filler		6	Nos.		
95	Tissue Box	Jumbo size Rose Petal or equivalent	6	Nos.		
96	Hand Wash Bottles	Large	2	Nos.		
97	Cloth Dusters	Medium size	12	Nos.		
98	Extension	Local or equivalent (04 Akai Socket + 2 pin Shoe 15A, on/off button with 06 meters Heavy Duty cable 40/76) with good quality wooden box with faceplate (Complete with all aspects as per sample of CIIT-Lahore)	3	Nos.		
<b>7. Laboratory: General Engineering Lab</b>						
99	Workpiece (cut by gas weld) for lathe machine	25x120 mm	50	Nos.		
100	Workpiece for fitting shop (cut by hacksaw)	L=70 mm, W=50mm, thickness=9mm	50	Nos.		
101	Welding rod	J38.10 AWS E6013 or equivalent (12 pieces in each pack)	2	pack		
102	Bench grinder wheel	( Mild Steel) dia=10 in	1	No.		
103	Bench grinder wheel	(Carbide) dia=10 in	1	No.		
104	Cutting Tools Of Lathe Machine	parting tool	2	Nos.		
105	Cutting Tools Of Lathe Machine	right angle tool	4	Nos.		

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106	Cutting Tools Of Lathe Machine	threading tool	2	Nos.		
107	Tester (For Electric Shop)		5	Nos.		
108	Machine oil (For Lubrication of Machines)	Caltex or equivalent	3	liter		
109	Work Piece for bench grinding machine	( 3/4 x 18 inch) square	4	Nos.		
110	Work Piece for welding shop	(2 x 1/4 x6 inch)	100	Nos.		
111	Nitto tape (For Insulation of Wires)		10	Nos.		
112	Electric cables (For Electric Shop)	3/29 (black + red) GM or equivalent	4	Coils		
113	Cell (for digital vernier calliper)		4	Nos.		
114	Paint brush (for cleaning of machine parts)	3 inch	2	Nos.		
115	Center drill (Tool for lathe machine)	3 mm	3	Nos.		
116	Hacksaw blade	eclipse (England) or equivalent	15	Nos.		
117	Leather gloves long (For welding)		5	pairs		
118	Tool post bolt (for Small lathe machine)	( 3/8 x 2 inches)	8	Nos.		
119	Duster for machine	cloth duster	5	Kg		

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120	Welding helmet with face shield		4	Nos.		
121	Flat bustard files	12 inches length	4	Nos.		
122	Socket set (For Machine Shop)	3mm to 25 mm	1	No.		
123	Micrometer screw gauge	outside 0-25 mm	6	Nos.		
124	Vernier caliper	upto 200 mm	4	Nos.		
125	Combination plier (For Electrical Shop)	heavy duty 8 inches	2	Nos.		
126	Cutter plier (For Electrical Shop)	heavy duty 8 inches	2	Nos.		
127	Bulb holder (For Electrical Shop)		20	Nos.		
128	Revolving centre (For New Lathe Machine)	No-3 with 3 bearings	1	Nos.		
129	Drill Chuk (For New Lathe Machine)	5/8 inches	1	Nos.		
130	Machine vice (1 for Milling Machine & 1 for Pillar Drill)	heavy duty 4 inches	2	Nos.		
131	Mobil oil (For Shapper Machine)	local	15	liter		
132	Cam switch (For Three Phase Connection_1 for Old Lathe, 1 for Shapper, 1 for Milling, 1	3 phase	4	Nos.		

	for New Lathe Machine)					
133	End mill cutter (For Milling Machine)	3-15 mm of each size	01	No.		
134	Drill sleeve (For New Lathe Machine)	number 1	1	Nos.		
135	Machine vice bolt (For Shapper, Milling, Pillar Drill)	5/8 x 4 inches	12	Nos.		
136	Oil cane (For Pouring Oil in Machine)	300 ml	3	Nos.		
137	Metal packing with surface grinding(for milling and shaping)	2"x(1/2)"x4" (9 piece)2"x(3/4)"x6" (6 piece)	15	Nos.		
138	Hot glue gun		1	No.		
139	Work Table for welding	3x3x3 feet cast iron	1	No.		
140	Cloth wheel (For Bench Grinder)	8"	1	No.		
141	Cutting disc (For Cut-Off Machine)	14"	2	Nos.		
142	Cutting disc (For Hand Grinder)	4"	5	Nos.		
143	Glass cutter (For Glass Cutting)	Model NO.: SZ-M or equivalent Cutting Thickness: 8-15mm of Glass	2	Nos.		
144	Hand grinder (For Welding)	7"	1	No.		

145	Drill bit (For Pillar Drill & Milling Machine)	15, 17, 19, 21, 23 25 mm (high speed) one of each	5	Nos.		
146	Bench vice repairing (For Fitting Shop)		3	Nos.		
147	Lathe machine repairing and over hauling (Old & New Lathe Machine)	Motor Speed Needs to be repaired followed by adjustment of belts/pulley, Repairing of Thread Lever, Repairing of Gear Box and overhauling (including washing of parts)	2	Nos.		
148	Grinding disk (For Welding Shop)	7"	5	Nos.		
149	Flap wheel (For Grinding)	4" (grain 80, 100, 120, 150), 200 one of each size	5	Nos.		
150	Teflon Tape		5	Nos.		
151	Two way switch (For Electric Shop)		12	Nos.		
152	One way switch (For Electric Shop)		12	Nos.		
153	Electric Shoe		10	Nos.		
154	Wood planer thickness Gauge Blade	(14" & 4") 2 of each	4	Nos.		
155	Metal seizer (For cutting of metal plates)	14" length	1	No.		
156	3 phase motor 0.5 hp (For Old Lathe Machine)	copper wire	1	No.		
157	Bench vice (For Filling Shop)	4 inch	1	No.		

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158	Steel Screws (General Use)	(3/4 inch, 6 no), (3/4 8 no), (1.5 , 6 no), (1.5, 8 no), (2, 6 no) (20 Pieces in each Pack)	5	Pack		
<b>8. Laboratory: Instrumentation and Process Control</b>						
159	RTD Temperature Sensor With Wires & Connectors	Temp. Range 1200 °C	1	Nos.		
160	Float Sensor With Wires & Connectors	For liquid level detection	1	Nos.		
161	Steel Tank	1.5 mm Sheets of 316 S.S (2' x 2' )	2	Nos.		
162	Model Box	1.2 mm Sheets of 316 S.S (2' x 3' ) with three spacing sheet	1	Nos.		
163	Pump	Submersible water pump (0.5-5 l/min) 240 V	1	Nos.		
164	PP liquid water level sensor with wire and Connectors	Horizontal float switch down for tank pool white ( compatible with Aurdino Controller) or equivalent	1	Nos.		
165	Thermistor With Wires & Connecting Clips	500–C / 10K	1	Nos.		
166	Multimeter	UniT/Yokogawa/Max (Auto Range) or equivalent	1	Nos.		
167	Syringe	Plastic 50cc ( Shifa Local) or equivalent	1	Nos.		
168	Lab Coat	Medium	2	Nos.		
169	Gloves	For general lab use	1	Nos.		
170	Stop Watch	Q/Q China or equivalent	2	Nos.		

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171	Screw Driver kit	From Narrow to wide range screw drivers	1	Nos.		
172	Heating Plate Repairment	Velp Analog Hot Plates Repairing	1	No		
173	Stand alone rig with insulated coating	Movable Work bench : H: 4 ft and Length and width according to Lab spacing	1	No		
<b>Laboratory: Chemistry Lab</b>						
174	Water Distillation Plant	Copper 2.5 Ltr/Hr, Operating fuel: Natural Gas	1	No.		
175	TLC silica gel 60 F254 or equivalent	25 aluminium sheets 20×20cm (Merck) or equivalent	2	Nos.		
176	Heavy glass Dessicators	(08-595-B,12.5cm) Fisher brand or equivalent	1	No.		
177	Dessicant for Dessicator(blue beads)	Fisher brand or equivalent	1	gallo n		
178	Aluminium foil	Diamond USA or equivalent	2	Roll		
179	Tissue rolls (Jumbo Size)	China or equivalent	6	Roll		
180	filter paper	(Whatman filterpaper) Pack of 500, sigma aldrich or equivalent	1	Pack		
181	Chromatogram sheets for paper chromatography	(2" x 10"), Brazil/China or equivalent	1	Roll		
182	Inks	Dollar Pakmade or equivalent (blue,green,black,red) 01 each color	4	Nos.		
183	Litmus paper (Red)	pack of 100 Strips, UK or equivalent	2	Pack		
184	Litmus paper (Blue)	Pack of 100 Strips, UK or equivalent	2	Pack		

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185	Ink Pen	Local or equivalent	6	Nos.		
186	Towels	Medium size	2	No.		
187	liquid lemon MAX or equivalent	Large bottle	1	No.		
188	hand wash (life buoy) or equivalent	Large Refill pouch	1	No.		
<b>Sub Total Amount (Rs) for Sr. # 23 to 189 (Chemicals &amp; Consumable Items for Undergraduate lab Requirements)</b>						

**Note:**

- Purchase / work order (s) will be awarded on Item Wise basis for Sr. # 1 to 22 (Master Thesis & CPT Project) and Chemicals & Consumable Items for Undergraduate lab Requirements (Sr. # 23 to 188) on Sub Total Basis.
- Please submit the bid on CIIT-Lahore prescribed BoQs and clearly mention the quoted model brands, otherwise your bid / item may be rejected.
- Multiple rates of an item may also lead to the rejection of bid / item.