

**Indian Institute of Technology, Kanpur  
Advanced Imaging Centre**

Advanced Imaging center IIT Kanpur, invites sealed quotations for a various Transmission Electron Microscopy (TEM) accessories as per the specifications are mentioned below. All the TEM accessories must be compatible with FEI Technai TEM/ Titan HRTEM/Vitrobot. The quotation price should be inclusive of all shipping, taxes and handling charges:

Sl.No.	QTY	Name of items (Description)
1	4	<b>TEM Grid Carbon</b> on 300 mesh Cu pkg/50 [Formvar Stabilized with Carbon (5-10nm)]
2	4	<b>TEM grid Carbon</b> on 200 mesh Cu pkg/50 [Formvar Stabilized with Carbon (5-10nm)]
3	2	<b>TEM Grid Carbon</b> on 200 mesh Cu pkg/100 [Formvar Stabilized with Carbon (5-10nm)]
4	10	<b>TEM Grid Type B</b> on 200 mesh Cu pkg/100
5	8	<b>TEM Grid Type B</b> on 300 mesh Cu pkg/50
6	8	<b>TEM Grid Support</b> on 300 mesh Au pkg/25 Ultrathin Carbon / Holey Support.
7	8	<b>300 mesh supported</b> Au pkg/25 - Quanta foil grids.
8	10	<b>TEM Cryo Grid Box with lid</b> , round for FEI Vitrobot.
9	3	<b>TEM Cryo Grid Box Handling Rod</b> .
10	10	<b>TEM Grid GSB100 Storage Box</b> for 100 Grids, Record Card included.
11	100	<b>AFM/STM Metal Specimen Discs</b> , Ø15mm.
12	1	<b>PELCO Center-Marked TEM Grids</b> , 200 mesh, 3.0mm O.D., Copper.
13	1	<b>PELCO Center-Marked TEM Grids</b> , 300 mesh, 3.0mm O.D., Copper.
14	5	<b>Highest Grade V1 AFM Mica Discs</b> , 10mm PK/10.
15	3	<b>DUMOSTAR High Precision TWEEZER</b> a complete line of tweezers with following Specification:- STYLE 3, LENGTH 120mm, DS, Polished, POIN WIDTH THICKNESS 0.17 x 0.10mm.
16	3	<b>DUMOSTAR High Precision</b> a complete line of tweezers for laboratory. Clamping tweezer, anit-capillary, self closing tweezers with following specification STYLE 3C, LENGTH 110mm, DS, Polished, POIN WIDTH THICKNESS 0.17 x 0.10mm.
17	3	<b>Excelta 5B-SA 4.25</b> Inch Ultra Fine, Bent, Tapered, Neverust Stainless Steel, Anti-Magnetic Tweezer.
18	3	<b>Pro High Precision</b> , extra sharp tips, (STYLE 4,LENGTH 110mm, NM-SS, POIN WIDTH,THICKNESS - 0.10 x 0.06mm). Pro High Precision tweezers are should be made from anti-acid, non-magnetic stainless steel.
19	3	<b>PELCO Pro High Precision</b> , extra fine bent tips, STYLE 5B,LENGTH 110mm, NM-SS, POIN WIDTH THICKNESS 0.07 x 0.03.Pro High Precision tweezers are made from anti-acid, non-magnetic stainless steel.
20	3	<b>DUMOSTAR High Precision-</b> STYLE 7,LENGTH 115mm, DS, Polished, POIN WIDTH *THICKNESS 0.17 x 0.10mm. A complete line of tweezers for laboratory, clamping tweezer, anit-capillary, self closing tweezers .
21	6	<b>DUMONT High Precision</b> , STYLE N4,LENGTH 108mm, NM-SS, POIN WIDTH *THICKNESS 0.13 x 0.08mm.
22	1	<b>Diamond Sectioning Saw-Diamond Wafering Blade</b> , 5" x 0.015" x 1/2"

		hole, fine grit - high concentration.
23	1	<b>TEM Sample preparation , Dimple Grinder, Crystalbond,</b> Adhesive Form Stick , 90g, clear. and size 7/8" dia. x 7" , <b>Flow Point °F (°C), 250 (121) ,Viscosity, cps 6,000</b> , adhesion and minimizes clogging of diamond tools compared to waxes , transparent in thin cross-sections. It should be soluble in acetone, odourless, non-flammable, biodegradable ,rinsed in water.
24	4	<b>Glascrube Tungsten Carbide Scriber.</b> Plastic pen-like handle with steel shaft; diamond tip. Marks glass slides, scribes metal, scores for breaking wafers, glass, and glass knives. Tip included angle: 90°; Shaft diameter: 3.15mm (0.124"); Shaft length from handle, with diamond: 5.9mm (0.232"); Diamond diameter, exposed: 1.14mm (0.045"); Diamond length, exposed: 0.86mm (0.034"); Overall length, without cap: 155.6mm (6.125").
25	1	Diamond Polishing Compound, 1µm size, 18g, light grey. Should have excellent cutting rates and must provide a good smooth finish. Recommended for polishing various metals, alloys, minerals, glass, ceramics, carbides, semiconductors. Water and oil soluble.
26	1	<b>Diamond Polishing Compound, 3µm size, 18g,</b> - Yellow for polishing various metals, alloys, minerals, glass, ceramics, carbides, semiconductors. Water and oil soluble. Must have excellent cutting rates and provides a good smooth finish.
27	1	<b>Diamond Polishing Compound, 6µm size, 18g, orange.</b> Excellent cutting rates and provides a good smooth finish. Recommended for polishing various metals, alloys, minerals, glass, ceramics, carbides, semiconductors. Water and oil soluble.
28	10	<b>TEM 100 Capacity Grid Box with 1 Card Record</b> - For compact grid box with 100 standard 3.05mm. TEM grids with sliding clear plastic cover should be have tough, clean, self-lubricating base. The diamond-shaped grid compartments should be designed in such a way to minimize awkward wrist or hand movements. The depth of the holes restricts grid movement when transported.
29	10	<b>Gilder Numbered Grid Box,</b> -compact grid box for 50 standard with Dimension of Dimensions: 75 x 65 x 7.3mm. TEM grids with smoothly sliding clear plastic cover should be matched with tough, clean, self-lubricating base. The diamond-shaped grid compartments should be designed in such a way to minimize awkward wrist or hand movements. The depth of the holes restricts grid movement when transported.
30	1	Negative Temperature Thermometer Upto -100°C (mini -60°C) to +ve 50°C

**General Terms and conditions:**

- Quote should be sent in sealed envelope.
- Compliance statement of specifications with supporting documents should be provided.
- Quotes should have a minimum validity of 60 days
- The delivery period should be specifically stated. Preferably 4-8 weeks from the date of purchase order.

- Port of Delivery: FOR Destination for Indian suppliers and CIF New Delhi in case of foreign suppliers.
- Maximum educational discounts should be provided.
- Actual numbers of the components may be increased or decrease.
- Proprietary certificate may be provided wherever necessary
- Standard warranty against manufacturing defects should be provided.
- Vendors should include shipping, insurance and handling charges in the quote

The quotations must reach to us latest by July 20, 2015 at the following address:

**Dr. Manish Kulkarni**

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