

Tender Document

**Department of Centre for Nanosciences
Indian Institute of Technology, Kanpur
UP – 208016 India**

Enquiry No:	IITK/CNS/MMK/PROBES/01
Publishing Date	16.12.2021 Time- 17:00 Hrs
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Description:	Atomic Force Microscopy (AFM) Probes

Interested parties may view and download the tender document containing the details terms & conditions from the website <http://www/iitk.ac.in/new/tender-notice>

Specification:

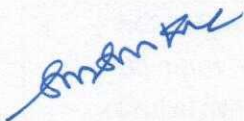
S.N.	Name	Description
1.	ASYREC.01-R2 Olympus (or equivalent Bruker/Nanosensors probes) Conducting Imaging; Silicon probe	Asylum electrolever with visible tip apex and conductive coating for nano-electrical measurements $f = 75$ kHz; $k = 2.8$ N/m; tip coating: Ti/Ir Pack of 10 Probes or their multiples
2.	ASYELEC.02-R2 Olympus (or equivalent Bruker/Nanosensors probes) Conducting imaging; Silicon probe	Asylum electrolever with visible tip apex and conductive coating for tapping/non- contact mode. $f = 285$ kHz; $k = 42$ N/m; tipcoating: Ti/Ir Pack of 10 Probes or their multiples
3.	AC240TSA-R3 Olympus (or equivalent Bruker/Nanosensors probes) Conducting Imaging; Silicon probe	OLTESPA with Au reflective coating; medium soft cantilever for topography and viscoelasticity of soft samples. $f = 70$ kHz $k = 2$ N/m tip coating: none Pack of 10 Probes or their multiples
4.	PPP-NCLAu Nanosensors (or equivalent Bruker/Olympus probes)	Conductive silicon probe with long cantilever for conductive $f = 190$ kHz ; $k = 48$ N/m, tip coating: Au Pack of 10 Probes or their multiples
5.	W-CDT-FMR Olympus (or equivalent Bruker/Nanosensors probes) Conducting imaging; Silicon probe	Silicon probe with conductive diamond coating for force modulation mode. $f = 105$ kHz; $k = 6.2$ N/m; tip coating: Conductive diamond Pack of 10 Probes or their multiples

Terms & Conditions:

- Quotes should have a minimum validity of 60 days.
- All prices are to be for IIT Kanpur.
- Please provide official e-mail id for conversation post quotation opening.
- Inadequate quality probes will be returned for the free replacement.
- Shipping: Direct shipping by Fedex to IIT Kanpur for manufacturers outside India is preferred.
- Maximum educational discounts should be provided.
- The supplier should have documented proof that they have supplied such probes to higher educational institutes like IITs or equivalent in the past 3 years.
- Final quantity of probes may change depending upon the requirement & bulk quantity discount. Quantity of the probes (10 to 50 for each probe). Please clearly indicate bulk quantity discount (If applicable) in the quotation for each type of probe separately.
- The Institute reserves the right for accepting and rejecting any quotation without assigning any reason thereof. Also, The Institute reserves the right to reject or accept all or any of the offer made above.
- IIT Kanpur has the right to accept the whole or any part of the tender or portion of the quantity offered or reject it in full without assigning any reason.
- A higher warranty may be given preference.
- Document Required
 - i. Certificate of GST and Bank details.
 - ii. Work experience.
 - iii. Our technical sheet duly signed and stamped by firm

Quotation should be in name of:

Prof Sri Sivakumar



Coordinator
Centre for Nanosciences
IIT Kanpur

E-mail:

- srisiva@iitk.ac.in
- manishm@iitk.ac.in