

**REQUEST FOR QUOTATION**  
**\*\* THIS IS NOT AN ORDER \*\***

**Return Quotes To:**

The University of Tennessee  
 Purchasing Department  
 5723 Middlebrook Pike  
 Knoxville , TN 37921

Information	
Date:	10/20/2009
RFQ No:	6000037592
Collective No:	10033360
Return Quote By:	11/03/2009 3:00 PM EST
Promised Ship Date: (Furnish)	_____
Payment Terms: (Furnish)	_____
FOB UT Dest Unless Otherwise Specified Below	
Buyer:	Jackie Haun
Phone:	865-974-3098
Fax:	865-974-2973

Vendor Address
Bidder # D99999
University of T
PARENT RFQ
UT TN

Item	Quantity	UM	Material/Description	Price Per Unit	Net Amount
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NOTE: Any potential bidder not otherwise notified by the University for this requirement must register at: <http://purchasing.tennessee.edu>. Scroll to "Bid & Proposal Advertisements" under Quick Links, and follow the instructions. Failure to do so will result in rejection of your bid.

00001	1	EA	#NS60100 Nanosurf Easyscan 2 Basic	_____	_____
AFM System or equal per the attached specifications					
Manufacturer _____ # _____					
Warranty _____					

00002	1	PAK	#SICONA-50 Applied Nanostructures	_____	_____
contact mode AFM probes with aluminum coating; 50/PK					
Manufacturer _____ # _____					
Warranty _____					

ATTACHMENTS:  
 1- SPECIFICATIONS (1 PAGE)

\*\*\*\*PLEASE LIST ANY APPLICABLE EDUCATIONAL DISCOUNTS\*\*\*\*  
 Please submit current price list and descriptive literature along with your quotation.

\*\*\*\* DELIVERY MAY BE A FACTOR IN THE AWARD \*\*\*\*

Delivery is requested by 12/24/09. Can you meet this request?

Yes \_\_\_\_\_ No \_\_\_\_\_

If you cannot meet requested delivery day, please state your best delivery date in the space provided below:

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Best delivery date: \_\_\_\_\_

**GENERAL BID CONDITIONS:** All University of Tennessee general bid conditions apply to this bid. To view these conditions, which include protest procedures, please visit website "[http://purchasing.tennessee.edu/general\\_bid\\_conditions.htm](http://purchasing.tennessee.edu/general_bid_conditions.htm)". If for some reason you are unable to access this website you may telephone (865) 974-3311 for a hard copy of these conditions.

**SBC-1 CONFLICT OF CONDITIONS**

In the event that there are any conflicts between the General Bid Conditions and these Special Bid Conditions the Special Bid Conditions shall take precedence

**SBC-2 OR EQUAL**

The items on this request for quotations shall be as specified or equal. When the specifications specify a product by name of a manufacturer or Vendor, or whenever the terms similar to and equal to, or approved equal are used, the term(s) named are intended to set the standard for such material(s) or article(s). The burden of proof shall rest solely with the supplier to prove that the proposed substitute(s) are equal to the material(s) or article(s) specified. The University shall be the sole judge as to whether the item(s) submitted is equal to those specified.

**SBC-3- SEALED BID**

The envelope in which quotations will be submitted should be identified by placing the required information on the outside of the envelope as follows: It is imperative that your name and address appear in the upper left corner of the envelope and that the collective number, due date and time of opening appear in the lower left corner. Bid openings shall be public, on the date and at the time specified on the bid form. All sealed bids must be received in the purchasing department on or before the date and hour specified for bid opening. Sealed bids that miss the deadline will be rejected and returned unopened or kept on file in the purchasing department. No qualifying letters or statements from vendors will be considered a justification for accepting late bids.

**SBC-4 DELIVERY**

Bidders are requested to state their best delivery date in the space provided.

**SBC-5 F.O.B.:**

Please quote F.O.B. Destination delivered. To include any and all freight charges.

**SBC-6 WARRANTY**

Each Bidder is required to attach to their quotation a detailed statement of warranty or guarantee. The statement should include the period of time involved as well as the specific details of the warranty.

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**SBC-7 BID IN ACCORDANCE WITH SPECIFICATIONS**

Bidders are cautioned that unless otherwise stipulated in their bids, it will be assumed that they are bidding in strict accordance with the specifications and will be required to strictly comply therewith. Any deviations whatsoever from the specifications must be fully set forth and itemized in detail in a letter accompanying the bid. Generalized statements submitted with your bid in order to avoid complying with this requirement in full detail will not be accepted.

**SBC-8 INTERPRETATIONS & ADDENDA**

Any questions concerning conditions and specifications should be directed to the Purchasing Department in writing no later than five (5) days prior to the bid opening. Inquiries must reference the date of bid opening and RFQ Number.

**SBC-9 PRODUCT LIABILITY INSURANCE**

Certificate of insurance -

The successful Bidder shall file with the purchasing department of the University of Tennessee, prior to the commencement of this contract (or work), an appropriate certificate of insurance, in duplicate, evidencing compliance with the insurance requirements of this bid.

Such certificate of insurance shall name the University of Tennessee as the certificate holder and provide that the insurer or the insurance agent of the successful Bidder will notify the University of Tennessee of any change, cancellation or non-renewal within twenty (20) days of the occurrence.

The insurance required hereunder naming the University of Tennessee as an additional insured shall be primary insurance to any and all insurance that might be in force for the benefit of the University of Tennessee.

The successful Bidder who provides products and goods to the University of Tennessee will provide the University with satisfactory evidence of products/completed operations insurance in effect in the amount of at least \$500,000 combined single limits of liability (bodily injury and Property damage). Such insurance shall be written by an insurer deemed acceptable by the University of Tennessee. The certificate of insurance shall indicate whether the policy or policies are written on a claims-made or occurrence basis.

**SBC-10 CATALOG INFORMATION**

Bidders are requested to state in their bids the model or catalog number and manufacturer of the equipment and/or supplies on which they are quoting. Bidders should submit catalog information and/or descriptive literature, etc. as necessary to completely identify the items which they consider equal to the specifications. Failure to comply with this condition may warrant non-consideration of the entire quotation.

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 Fax: 865-974-2973

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SBC-11 AWARD

Award of all items will be made on an "all or none" basis.

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IF THE BIDDER TAKES EXCEPTION TO ANYTHING IN THE SPECIFICATIONS OR TERMS AND CONDITIONS. THE EXCEPTION MUST BE LISTED BELOW IF NECESSARY. YOU MAY SUPPLEMENT YOUR COMMENTS WITH AN ATTACHEMENT LISTING YOUR EXCEPTIONS IF NO EXCEPTIONS ARE TAKEN WRITE 'NONE' IN THE AREA FURNISHED BELOW IF NO COMMENTS ARE FURNISHED IT WILL BE ASSUMED THAT NO EXCEPTIONS ARE BEING TAKEN

CERTIFICATION: MY COMPANY IS CLASSIFIED AS A:

NOTE: It will be assumed that business category is large if no response is furnished

LARGE BUSINESS \_\_\_\_\_ SMALL BUSINESS \_\_\_\_\_ WOMAN OWNED \_\_\_\_\_

PLEASE INDICATE BELOW ONLY IF YOUR FIRM IS AT LEAST 51 PERCENT OWNED BY A MEMBER(S) OF THE FOLLOWING GROUPS

BLACK AMERICAN \_\_\_\_\_ HISPANIC AMERICAN \_\_\_\_\_ ASIAN PACIFIC AMERICAN \_\_\_\_\_ NATIVE AMERICAN \_\_\_\_\_ ASIAN INDIAN AMERICAN \_\_\_\_\_

IT IS UNDERSTOOD AND AGREED THAT THIS BID WHEN CERTIFIED BY AN AUTHORIZED SIGNATURE SHALL CONSTITUTE AN OFFER WHICH WHEN ACCEPTED IN WRITING BY THE UNIVERSITY S PURCHASING DEPARTMENT AND SUBJECT TO THE TERMS AND CONDITIONS OF SUCH ACCEPTANCE WILL CONSTITUTE A VALID AND BINDING CONTRACT BETWEEN THE UNIVERSITY OF TENNESSEE AND THE BIDDER/CONTRACTOR SUBMITTING SUCH OFFERING

WE OFFER TO SELL TO YOU THE ABOVE MATERIAL(S) OR SERVICES AT THE PRICE AND TERMS SPECIFIED HERON AND IN ACCORDANCE WITH THE UNIVERSITY S GENERAL AND ANY SPECIAL BID CONDITIONS FURNISHED AND INCORPORATED INTO THIS DOCUMENT ALL EXCEPTIONS. ALTERNATIVE MATERIALS OR SPECIFICATIONS IF ANY HAVE BEEN CLEARLY INDICATED IF YOU HAVE ANY QUESTIONS ABOUT THIS REQUEST FOR QUOTATION. CONTACT THE BUYER AT THE ADDRESS OR TELEPHONE NUMBER SHOWN ABOVE

WHEN OFFERING A 'NO BID'. PLEASE INDICATE YOUR REASON(S) BELOW AND RETURN THIS INFORMATION WITH YOUR RESPONSE

\_\_\_\_\_ DO NOT HANDLE THIS TYPE EQUIPMENT \_\_\_\_\_ CANNOT MEET SPECIFICATIONS  
 \_\_\_\_\_ CANNOT MEET REQUIRED DELIVERY \_\_\_\_\_ MATERIALS NOT AVAILABLE  
 \_\_\_\_\_ OTHER (SPECIFY) \_\_\_\_\_

IN COMPLIANCE WITH THE REQUIREMENTS OF CHAPTER 878 PUBLIC ACTS OF 2006 THE CONTRACTOR HEREBY ATTESTS THAT THE CONTRACTOR SHALL NOT KNOWINGLY UTILIZE THE SERVICES OF AN ILLEGAL IMMIGRANT IN THE PERFORMANCE OF THIS CONTRACT AND SHALL NOT KNOWINGLY UTILIZE THE SERVICES OF ANY SUBCONTRACTOR WHO WILL UTILIZE THE SERVICES OF AN ILLEGAL IMMIGRANT IN THE PERFORMANCE OF THIS CONTRACT

ALL FIRMS WISHING TO DO BUSINESS WITH THE UNIVERSITY MUST LIST THEIR FEDERAL TAX ID NO. OR SOCIAL SECURITY NO. (IF INDIVIDUAL) IN THE SPACE PROVIDED:  
 TAX ID OR SSN: \_\_\_\_\_

\_\_\_\_\_  
 (Signature)  
 \_\_\_\_\_  
 (Printed Name and Company Name)  
 \_\_\_\_\_  
 (Telephone #. Toll free if available)  
 \_\_\_\_\_  
 (E-Mail Address)

\_\_\_\_\_  
 (Date)  
 \_\_\_\_\_  
 (Title)  
 \_\_\_\_\_  
 (FAX #)  
 \_\_\_\_\_  
 (WEB Site Address)

## **SPECIFICATIONS FOR NANOSURF EASYSCAN 2 BASIC AFM SYSTEM**

### **Nanosurf easyScan 2 basic AFM System**

Contact mode AFM system includes:

- EasyScan 2 Controller & USB cable
- AFM sample stage
- AFM scan head: 70  $\mu\text{m}$  lateral, 14  $\mu\text{m}$  z range
- AFM basic electronics module (contact mode)
- AFM tool set
- AFM basic sample kit
- Contact mode AFM probes - 10 pack

### **EasyScan 2 AFM specs:**

The easyScan 2 AFM is safe because it uses no dangerous high voltage (all <15V). The optics are pre-aligned, eliminating laser and detector adjustment. Built-in view ports provide top-down tip view and tip/sample gap side view for easy coarse adjustment. The controller electronics uses simple USB computer interface. Complete microscope and controller system are mobile and can easily be packed in a single case for relocation and storage (AFM system plus carrying case weigh less than 16lbs - the AFM scan head weighs 11 ounces (350g) and measures 3" x 3" x 1.75". The AFM weighs 5lbs and has these dimensions: 18" x 4.5" x 3".

The software runs on Windows Vista, XP and the new Windows 7. The software is designed for ease of use and allows the user to set the level of interface complexity, from an easy level where the user has access to the most important parameters to an advanced level where the user has access to all controls.

Stand-alone (tip scanning) operation allows AFM imaging on virtually any surface. Large z-range of 14  $\mu\text{m}$ . This AFM comes with a 2 year warranty.

### **Applied Nanostructures contact mode AFM probes with aluminum coating:**

Contact mode probes for atomic force microscopy with aluminum reflex coating on backside of cantilever.

Typical Specifications:

Tip radius: 5-6 nm

Cantilever length: 450  $\mu\text{m}$

Force Constant: 0.2 N/m

Resonant Frequency: 12 kHz.