

# REQUEST FOR QUOTATION

**\*\*THIS IS NOT AN ORDER\*\***

**Return Quotes To:**

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

**Vendor Address**

Bidder # D99999  
University of T  
PARENT RFQ  
UT TN

**Information**

Date: 05/27/2010  
RFQ No: 6000038504  
Collective No: 10035154  
Return Quote By: 06/10/2010 5:00 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

| Item | Quantity | UM | Material/Description | Price Per Unit | Net Amount |
|------|----------|----|----------------------|----------------|------------|
|------|----------|----|----------------------|----------------|------------|

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 | 400LX Ion Pump w/Communicator & Cable |  |  |
|-------|---|----|---------------------------------------|--|--|

per the attached specifications and as stated below:

400LX Ion Pump with:  
Element Style: Titan CV (400 l/s)  
Port(s): Double, 8# CFF (DN 150)  
HV Feedthrough: SAFECONN  
Heater Voltage: 110-volt  
TSP/NEG: None

DIGITEL LPC with:  
HV Supply One: 100-POS-7KV-K1  
Input Voltage: 110-volt, US  
Communications: RS232 Port  
High Voltage Enable: Not Installed

HV Cable, SCP-SC3-SC  
Controller End Connector: SAFECONN (10 Kv SHV)  
Cable: 3 meter SAFECONN Standard  
Pump End Connector: SAFECONN (10 Kv SHV)

Manufacturer \_\_\_\_\_ # \_\_\_\_\_

Warranty \_\_\_\_\_

**ATTACHMENTS:**

1- SPECIFICATIONS (2 PAGES)

\*\*\*\*PLEASE LIST ANY APPLICABLE EDUCATIONAL DISCOUNTS\*\*\*\*

Please submit current price list and descriptive literature along with your quotation.

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

Please state your best delivery date in the space provided below:

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 INFORMAL BID:**

When responding in writing the envelope in which quotations are 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 and due date appear in the lower left hand corner. Electronically transmitted bids will also be considered only whenever they are received in hand at the purchasing office by the time and date set for receipt of bids. Such electronically transmitted bids shall contain specific reference to the request for quotation inquiry number and due date; the items, quantities, and prices for which the bid is submitted; the time and place of delivery; reference to any other requested information; and a statement that the bidder agrees to all the terms, conditions and provisions of the request for quotations. All bids must be received in the purchasing department on or before the date and hour specified. Bids that miss this 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.

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For your convenience in submitting electronic bids, our facsimile (fax) number is:  
Knox campus: 865-974-2973

**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.

**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.

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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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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 HEREON 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)

(Date)

(Printed Name and Company Name)

(Title)

(Telephone # Toll free if available)

(FAX #)

(E-Mail Address)

(WEB Site Address)

## **Specifications for the Purchase of a 400 l/s ion pump.**

This document spells out in great detail the Specifications which must be met for a 400 l/s ion pump to be purchased by the N. Mannella Research Group at the University of Tennessee, Knoxville.

We are seeking to purchase a 400 l/s ion pump. Please note the critical performance criteria (CPC). Please indicate in bid response Acceptance and the ability to meet the performance criteria or please take Exception. If Exception is taken, please explain how vendor can meet the specification with system modification(s) or additional accessories

### **1. Performance requirements and tests**

The vendor must be able to provide documentation regarding technical characteristics and/or performance of any of the components in questions.

#### **CPC # 1: Performance requirements and tests**

**Acceptance**

**Exception**

### **2. Technical Specifications**

- 2.1. Controller:** must operate with 120 V ac
- 2.2. Ultimate Pressure:** less than  $10^{-11}$  mbar
- 2.3. Starting Pressure:** the pump must start in pressures as high as  $5 \times 10^{-5}$  mbar
- 2.4. Lifetime:** 50,000 hours at pressures lower than  $5 \times 10^{-5}$  mbar
- 2.5. Operating Baking Temperature:** the pump must work when heated to 250 °C during bakeout
- 2.6. Baking Temperature:** the pump must withstand baking temperatures as high as 400 °C (without magnets)
- 2.7. Heater Elements:** the pump must be supplied with heater elements operating with 120 V ac.
- 2.8. Additional Port option:** the pump must have an additional port for TSP and/or NEG pumps
- 2.9. Weight:** the pump must weight less than 80 Kg
- 2.10. Optimized Pumping:** the pump must be optimized for pumping air, no noble gases.

#### **CPC # 2: Technical Specifications**

**Acceptance**

**Exception**

### **3. Customer Service**

**3.1. Single service organization support** - Being complex and integrated, the system must be supported in its entirety by a single service organization, ideally serviced and maintained by one technical support person. Support provided by multiple vendors, multiple service organizations, with different warranties, different exclusions, different travel costs and support is NOT acceptable.

#### **CPC # 3.1: Single service organization support**

**Acceptance**

**Exception**

**3.2. Long term maintenance** - The vendor of choice must guarantee long term maintenance of all the components of the system. The vendor of choice must take full responsibility for the service and service support for all parts of the system, not only during a warranty period, but for the lifetime of the system.

#### **CPC # 3.2: Long term maintenance**

**Acceptance**

**Exception**