



**University of South Carolina**  
 Purchasing Department  
 1600 Hampton Street, 6th floor  
 Columbia, SC 29208  
 Telephone: (803) 777-4115

**Request for Quotation**  
 Page One

**THIS IS NOT AN ORDER**

Quotation must be received <b>No Later Than:</b>	Send quotation to above address Attention of:	Quotation Number:	Date
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Print company name and address:

Please quote your lowest delivered price of the items(s) listed below. The Purchasing Department reserves the right to reject any or all quotes and to waive any or all technicalities.

1. If an item cannot be furnished, indicate by **NO QUOTE**.
2. All quotes must be signed by the vendor's representative and terms noted, failure to comply with this instruction may result in disqualification of the quote.
3. **FAXED QUOTES ACCEPTABLE.** FAX # (803) 777-2032

**If the product preference is applicable follow these instructions:**

Check (X) on the appropriate line: SC End Product \_\_\_\_\_ US End Product \_\_\_\_\_ **and** indicate by asterick (\*) next to the item number on the bid schedule which preference applies.

**NON-RESIDENT VENDORS ONLY:** Yes \_\_\_\_\_ No \_\_\_\_\_ We have read and applied for (or already have) a non-resident taxpayer affidavit (I-312).

**RESIDENT VENDOR PREFERENCE:** Yes \_\_\_\_\_ No \_\_\_\_\_ SC Resident Vendor Preference as defined in Section 11-35-1524 of the SC Consolidated Procurement Code.

Federal I.D. or Social Security No. \_\_\_\_\_ SC Minority Certification Number (If Applicable) \_\_\_\_\_

Submitted By (Print Name) \_\_\_\_\_ Signature \_\_\_\_\_ Telephone \_\_\_\_\_

Item No.	Quantity and Unit	Description of Commodity or Services	Unit Price	Total Price



**REVISED SPECIFICATION CHECK-OFF LIST: RETURN WITH YOUR RESPONSE.**

**Specification:**

**Meets or exceeds: YES/NO**

1. Unit Needs:

- a). Upon delivery, the vendor will send technical staff to the USC \_\_\_\_\_  
Radiation Safety Office and provide unit set-up and in-house training to all  
employees.
- b). USC Radiation Safety Office must have the option of purchasing \_\_\_\_\_  
a preventative maintenance contract for the unit after the vendor warranty  
expires. **DO NOT INCLUDE IT IN THE PRICING OF THE INSTRUMENT.**
- c). The unit needs to have a bi-directional sample changer that is capable \_\_\_\_\_  
of holding standard 20 ml vials in cassettes without special adapters. The cassettes  
must have positive sample identification with permanent, non-removable  
cassette numbers for each cassette.
- d). The unit should allow the user to perform custom defined calculations \_\_\_\_\_  
to perform additional computation on the data required for reporting data in  
the desired form.
- e). The unit should be user friendly enough and provide comprehensive \_\_\_\_\_  
hyperlinked context-specific help messages.
- f). The instrument must be manufactured in an ISO 9001 system certified \_\_\_\_\_  
manufacturing facility.
- g). The instrument must be certified to comply with the following safety, \_\_\_\_\_  
immunity and radiated emission codes:  
Electro Magnetic Compatibility (EMC) Directive (89/336/EEC) *and its  
standards* CISPR 22/11 Class A EN 61326 - 97/A1 - 98/A2 – 2001/A3:2003 and  
EN 61000-4-2, -4-3, -4-4, -4-5, -4-6, and -4-11 EN 61000-3-2:2005 Harmonics  
Class A, & -3-3:2005 Flicker *as well as the* Low Voltage Directive for Safety  
(73/23/EEC) *and its standards* EN 61010-1:2001 and CAN/CSA C22.2 No.  
61010-1-04.

2. Computer Control System:

- a). A “user friendly” computer control system that can be updated \_\_\_\_\_ easily if changes in technology arise in the coming years. The system must be controlled by an external personal computer (laptop or bench top) so that upgrades to the system do not require the dismantling of the counter. A Windows XP operating system would be preferable.
- b). The computer software must allow the user protocols to be fully \_\_\_\_\_ integrated with user defined application programs and must allow for unattended data processing.
- c). The system should provide the direct reporting of activity in pCi, uCi, \_\_\_\_\_ or Bq or in scientific notation without the need to perform manual calculations.
- d). The system must have real time viewing of sample spectra on the \_\_\_\_\_ computer monitor in user selected linear or log scales.
- e). The system should store all operating software and defined protocols \_\_\_\_\_ on the hard disk of the integrated computer
- f). The system must allow software & firmware enhancements without \_\_\_\_\_ the loss or user defined protocol parameters.
- g). The system should allow user selected data to be stored directly in \_\_\_\_\_ RTF, ASCII, Lotus and Excel formats for each protocol to a user selected disk drive.
- h). The system should come with a laser jet type printer. \_\_\_\_\_

3. Counting System:

- a). The counting system should be able to correct for both gain and \_\_\_\_\_ efficiency variations to ensure that the quench correction library will not be compromised.
- b). The system must have the ability to automatically monitor  $^3\text{H}$  and \_\_\_\_\_  $^{14}\text{C}$  efficiencies, sensitivities ( $E^2/B$ ), backgrounds and Chi-square values and report the values to the printer with every calibration.
- c). The system should have a way of determining the counting rate in disintegrations per minute (DPM) of any single sample in any cocktail without the need to store quench standards. \_\_\_\_\_

- d). The system should have the option of selecting assay specific coincidence gate count from 10 to 200 nanoseconds for the optimal counting of solid scintillators and biodegradable cocktails. \_\_\_\_\_
- e). The user should have the ability to interrupt an automatic counting sequence and then be able to return automatically to interrupted sample after one or more cassettes of samples are counted. \_\_\_\_\_
- f). The counting system must have at least three counting regions. \_\_\_\_\_
- g). The system should be able to count each sample from 0.1 to 5,000 minutes. \_\_\_\_\_
- h). The system should have computer aided liquid scintillation diagnostics which provide a historical report of the normalization and calibration data. \_\_\_\_\_

4. Spectral Analysis System:

- a). In order to enhance the sensitivity of all nuclides, the system should have some way of reducing the radiation background through spectral analysis. \_\_\_\_\_
- b). The spectrum analysis function should be calibrated in kiloelectron volts (keV). The user should have the ability to select a predefined counting region or manually select a window from 0-2000 keV in increments of 0.1 keV. \_\_\_\_\_
- c). The system should provide automatic spectrum plots with each sample result. \_\_\_\_\_
- d). The system should be able to perform sample data screening vs. a fixed background or a defined numeric value or within a range of values. Screening results can be flagged with either default or user defined messages. \_\_\_\_\_
- e). The method of quench determination should use either a spectral index of the sample and/or a transformed spectral index of external standard. \_\_\_\_\_
- f). The system must have factory stored quench curves for  $^3\text{H}$  and  $^{14}\text{C}$  for single and dual label samples using all types of cocktails accessible with single/dual color corrected DPM option. \_\_\_\_\_
- g). The system should print quench curves and allow curves to be displayed and edited directly on the color monitor. \_\_\_\_\_
- h). The system must be capable of storing a minimum of 15 user protocols with storage of unlimited assays. \_\_\_\_\_

5. Systems to Control False Signals:

a). In order to correct for photo-luminescence , chemo-luminescence, color quenching and background radiation, the unit should have a multi-parameter linear MCA with an effective resolution of 0.1 keV to provide multi-parameter spectrum analysis. \_\_\_\_\_

b). The unit must provide the ability to monitor for luminescence, particularly chemo-luminescence. \_\_\_\_\_

c). The system shall provide user programmable single phototube counting for luminescence studies. \_\_\_\_\_

6. Standards:

a). The radiation standards used must be NIST traceable to eliminate the effect of temperature, aging, and line voltage fluctuations on the reference source. \_\_\_\_\_

b). The unit should have an external standard source such as a  $^{133}\text{Ba}$  (approx. 20 micuries) needed for quench correcting. \_\_\_\_\_



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Large empty rectangular area for providing quotation details.



## GENERAL CONDITIONS

**DEFAULT:** In case or default by the Contractor, the University of South Carolina reserves the right to purchase any or all items in default in the open market, charging the Contractor with any additional costs. The defaulting Contractor shall not be considered a responsible bidder until the assessed charge has been satisfied.

All amendments to and interpretation of this RFQ shall be in writing. The procurement officer shall not be legally bound by any amendment or interpretation that is not in writing.

**SC/US PREFERENCE:** In order to receive the South Carolina/United States made, manufactured or grown end-product preference, you must check the appropriate space (s) provided on the face of the quotation form. This preference does not apply to services.

Any contract entered into by the University of South Carolina or its agencies resulting from this quotation shall be subject to cancellation at the end of any fiscal or appropriated year unless otherwise provided by law.

Payment will be made in accordance with Section 11-35-45 of the South Carolina Consolidated Procurement Code and Disbursement Regulations. Delay in receiving invoices, as well as errors and omissions on the invoices, will be considered just cause for withholding payment without losing discount privileges. The University reserves the right to withhold payment or make such deductions as may be necessary to protect the University from loss or damage because of defective work, claims, damages or to pay for repair of correction of materials furnished hereunder.

Quoted prices must remain firm for a period of thirty days beyond the Request for Quotation deadline. Unit prices will govern over extended prices unless otherwise stated.

The University of South Carolina shall consider payment discounts in the award of this contract when such discounts are for thirty days or more after final inspection and acceptance of contract requirements. Payment discounts for less than thirty days are encouraged but shall not be a factor in award determination. Please state your discount terms using the above referenced information as the University's position on the matter.

All materials and products offered must be guaranteed to meet and comply with the requirements all the specifications, terms and conditions indicated or referred to.

The award will be made in accordance with Section 11-35-1520 of the South Carolina Consolidated Procurement Code.

The University reserves the right to reject any and all quotations and to cancel the solicitation; waive any and all technicalities; the University reserves the right to reject any quotation in which the delivery time indicated to be of substantial length to cause disruption and/or delay in operation for which the item(s) is/are intended; ambiguous quotations which are uncertain as to terms, delivery, quantity or compliance with specifications may be rejected.

The successful contractor assumes sole responsibility and shall hold harmless the University of South Carolina, its directors, officers, employees and agents from and against any and all claims, actions or liabilities of any nature which may be asserted against them by third parties in connection with the performance of the successful bidder, its directors, officers, employees and agents under this agreement. The University of South Carolina agrees to accept responsibility for claims, actions or liabilities resulting from negligent acts of its employees occurring within the scope of their employment which may be asserted against them by third parties in connection with the performance of the University of South Carolina, its members, directors, officers, employees and agents under this agreement.



Contractor agrees not to refer to award of this contract in commercial advertising in such a manner to state or imply that the products or service provided are endorsed or preferred by the user.

Upon award of a contract under this quotation, the person, partnership, association or corporation to whom the award is made must comply with the laws of South Carolina that require such person or entity to be authorized and/or licensed to do business in this State. Notwithstanding the fact that applicable statutes may be exempt or exclude the successful quoter from requirements that it be authorized and/or licensed to do business in this State, by submission of this signed quote, the quoter agrees to subject itself to the jurisdiction and process of the courts of the State of South Carolina as to all matters and disputes arising or to arise under the contract and the performance thereof, including any questions as to the liability for taxes, licenses or fees levied by the State.

Termination: Subject to the provisions below, the contractor may be terminated for any reason by the University providing a thirty-day advance notice in writing is given to the contractor.

Termination for Convenience: In the event that this contract is terminated or cancelled upon request and for the convenience of the University may negotiate reasonable termination costs, if applicable.

Termination for Cause: Termination by the University for cause, default, or negligence on the part of the Contractor shall be excluded from the foregoing provisions; termination costs, if any, shall not apply. The thirty day advance notice requirement is waived and the default provision in this bid shall apply.

HIPAA Law: The Contractor agrees that to the extent that some or all of the activities within the scope of this Contract are subject to the Health Insurance Portability Accountability Act of 1996, P.L. 104-91, as amended (“HIPAA”), or its implementing regulations, it will comply with the HIPAA requirements and will execute such agreements and practices as the University of South Carolina may require to ensure compliance. Additional information may be viewed at: <http://www.sc.edu/hipaa/>

## **SPECIAL CONDITIONS**

**LICENSES, PERMITS, INSURANCE:** All costs for required licenses, permits and insurance shall be borne by the Bidder.

The University of South Carolina requires all contractual activities to be performed in a manner that is consistent with all applicable federal, state and local laws, regulations, rules, rulings and ordinances. These include, but are not limited to: the Occupational safety and Health Act, The Environmental Protection Act, The South Carolina Hazardous Waste Management Act.

### **IMPORTANT** – Please Note

Vendors, we **MUST** have your Federal ID # (company) or Social Security # (individual) before processing any invoices for payment. Failure to provide this information will result in delay of payments until this information is received. Please include this information with your quote.



STATE OF SOUTH CAROLINA  
 DEPARTMENT OF REVENUE  
**NONRESIDENT TAXPAYER  
 REGISTRATION AFFIDAVIT  
 INCOME TAX WITHHOLDING**

**I-312**  
 (Rev. 7/28/06)  
 3323

**Mail to: The company or individual you are contracting with.**

The undersigned nonresident taxpayer on oath, being first duly sworn, hereby certifies as follows:

1. Name of Nonresident Taxpayer: \_\_\_\_\_
2. Trade Name, if applicable (Doing Business As):  
 \_\_\_\_\_
3. Mailing Address: \_\_\_\_\_
4. Federal Identification Number: \_\_\_\_\_
5. \_\_\_\_\_ Hiring or Contracting with:  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_
- \_\_\_\_\_ Receiving Rentals or Royalties From:  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_
- \_\_\_\_\_ Beneficiary of Trusts and Estates:  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_

6. I hereby certify that the above named nonresident taxpayer is currently registered with (check the appropriate box):  
 The South Carolina Secretary of State or  
 The South Carolina Department of Revenue  
 Date of Registration: \_\_\_\_\_

7. I understand that by this registration, the above named nonresident taxpayer has agreed to be subject to the jurisdiction of the South Carolina Department of Revenue and the courts of South Carolina to determine its South Carolina tax liability, including estimated taxes, together with any related interest and penalties.

8. I understand the South Carolina Department of Revenue may revoke the withholding exemption granted under Code Sections 12-8-540 (rentals), 12-8-550 (temporarily doing business or professional services in South Carolina), and 12-8-570 (distributions to nonresident beneficiary by trusts or estates) at any time it determines that the above named nonresident taxpayer is not cooperating with the Department in the determination of its correct South Carolina tax liability.

The undersigned understands that any false statement contained herein could be punished by fine, imprisonment or both.

Recognizing that I am subject to the criminal penalties under Code Section 12-54-44 (B) (6) (a) (i), I declare that I have examined this affidavit and to the best of my knowledge and belief, it is true, correct and complete.

\_\_\_\_\_  
 Signature of Nonresident Taxpayer (Owner, Partner or Corporate Officer, when relevant) (Seal) \_\_\_\_\_ Date

If Corporate officer state title: \_\_\_\_\_

\_\_\_\_\_  
 (Name - Please Print)

**INSTRUCTIONS  
NONRESIDENT TAXPAYER REGISTRATION AFFIDAVIT**

**The form I-312 should be submitted to the company or individual you are contracting with.**

**This form is not submitted to South Carolina Department of Revenue.**

**REQUIREMENTS TO MAKE WITHHOLDING PAYMENTS**

Code Section 12-8-550 requires persons hiring or contracting with a nonresident taxpayer to withhold 2% of each payment made to the nonresident where the payments under the contract exceed \$10,000. However, this section does not apply to payments on purchase orders for tangible personal property when those payments are not accompanied by services to be performed in this state.

Code Section 12-8-540 requires persons making payment to a nonresident taxpayer of rentals or royalties at a rate of \$1,200 or more a year for the use of or for the privilege of using property in South Carolina to withhold 7% of the total of each payment made to a nonresident taxpayer who is not a corporation and 5% if the payment is made to a corporation.

Code Section 12-8-570 requires trusts or estates making distribution of South Carolina taxable income to a nonresident beneficiary to withhold 7% of the beneficiary's distribution which is attributable to South Carolina taxable income.

**PURPOSE OF AFFIDAVIT**

A person is not required to withhold taxes for a nonresident taxpayer who submits an affidavit certifying that they are registered with either the South Carolina Secretary of State or the South Carolina Department of Revenue.

Our Internet address is: **[www.sctax.org](http://www.sctax.org)**