



# West Virginia Purchasing Division

2019 Washington Street, East  
Charleston, WV 25305  
Telephone: 304-558-2306  
General Fax: 304-558-6026  
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at [wvOASIS.gov](http://wvOASIS.gov). As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at [WVPurchasing.gov](http://WVPurchasing.gov) with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 15

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1979110

Procurement Type: Central Purchase Order

Vendor ID: 000000186851

Legal Name: THERMO ELECTRON NORTH AM LLC

Alias/DBA:

Total Bid: \$566,466.04

Response Date: 06/24/2026

Response Time: 10:16

Responded By User ID: Thermo1

First Name: Shirley

Last Name: Ortega

Email: CMDAmericasbids@thermc

Phone: 8722270079

SO Doc Code: CRFQ

SO Dept: 1400

SO Doc ID: AGR2600000044

Published Date: 6/15/26

Close Date: 6/24/26

Close Time: 13:30

Status: Closed

Solicitation Description: GCSM and GC-MS/MS Systems

Total of Header Attachments: 15

Total of All Attachments: 15



Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**State of West Virginia  
 Solicitation Response**

**Proc Folder:** 1979110  
**Solicitation Description:** GCSM and GC-MS/MS Systems  
**Proc Type:** Central Purchase Order

| Solicitation Closes | Solicitation Response        | Version |
|---------------------|------------------------------|---------|
| 2026-06-24 13:30    | SR 1400 ESR06242600000009016 | 1       |

**VENDOR**  
 000000186851  
 THERMO ELECTRON NORTH AM LLC

**Solicitation Number:** CRFQ 1400 AGR2600000044  
**Total Bid:** 566466.0400000000372529029846 **Response Date:** 2026-06-24 **Response Time:** 10:16:58  
**Comments:**

**FOR INFORMATION CONTACT THE BUYER**  
 Larry D McDonnell  
 304-558-2063  
 larry.d.mcdonnell@wv.gov

**Vendor Signature X** **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

| Line | Comm Ln Desc              | Qty     | Unit Issue | Unit Price    | Ln Total Or Contract Amount |
|------|---------------------------|---------|------------|---------------|-----------------------------|
| 1    | GCMS and GC-MS/MS Systems | 1.00000 | EA         | 566466.040000 | 566466.04                   |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--------------|---------------|---------|
| 41115703  |              |               |         |

**Commodity Line Comments:** Reference Quotation No CPQ-00882671

**Extended Description:**

See attached documentation for further details.

6/24/2026

Buyer  
Department of Administration  
Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305

Re: **Response to CRFQ 1400 AGR2600000044 – GC/MS and GC-MS/MS Systems**

Quote Reference: **CPQ-00882671**

Dear Mr. McDonnell:

Thermo Electron North America LLC, part of Thermo Fisher Scientific, is pleased to submit our bid in response to CRFQ 1400 AGR2600000044 for the West Virginia Department of Agriculture's purchase of a Single Quadrupole Gas Chromatograph Mass Spectrometer and a Triple Quadrupole Gas Chromatograph Mass Spectrometer system.

Our proposed configuration meets or exceeds all stated technical, installation, support, and operational requirements with one caveat. Section **3.2.2.3** states that the electron range must be a maximum of 300 electron volt (eV). This is an Agilent lockout specification. An eV range over 150 eV is rarely needed, especially for the methods called out in Section 1: Purpose and Scope. 70 eV is the typical setting to allow the use of the NIST libraries since additional energy will skew library results leading to incorrect unknown identification. Our electron energy specification is adjustable up to 150 eV dependent on ion source type.

We have included all pricing for each instrument in EXHIBIT A, and for your convenience, here is a summary:

- The total cost of the GC-MS Single is \$248,782.66 USD
- The total cost of the GC-MS Triple Quad is \$317,683.38 USD
- Extended Warranty Service is included at no charge for the first year. The cost of year 2 with preventative maintenance visit is \$40,434.31 for both instruments. Included as option only. We can add up to 4 years of coverage at this yearly price for a total of 5 years of coverage including PM visits during years 2 through 5.
- Installation – Included at no charge

While reviewing the bid specifications, here are a few alternative configurations that you might find desirable and will save you money with this purchase.

First, you have requested chemical ionization (CI) for both the single and the triple quad GC-MS instruments. One cost savings suggestion would be to not add CI to the GC-MS triple quad if your plan is to use this for targeted analysis only. If you choose to go this route, we could offer our high sensitivity source called the Advanced Electron Ionization (AEI) that will increase sensitivity by 5-fold depending on analytes of interest and sample matrix. We are currently quoting our ExtractaBrite source which supports both Electron Ionization (EI) and CI and to move to the AEI source, you will save approximately \$7,000 USD.

One of the bid specifications listed in sections **3.2.3** and **3.3.4** requires a dynamic headspace to be added to both autosamplers. You had defined dynamic headspace in the definitions section **2.17** as a purge a trap. Considering that there are no defined specifications for a separate purge and trap, we have quoted a dynamic headspace tool called the InTubeExtraction (ITEX) which satisfies this requirement. Another suggestion for cost savings is to order only one ITEX tool that can be used on both autosamplers. The savings would be around \$6,750 USD.

Here are a few salient features that we would like to highlight that will differentiate us from other bidders.

We have met and exceeded the proposed configuration for both GC-MS systems and have included both the Thermo Scientific ISQ 7610 VPI ExtractaBrite single quadrupole GC/MS system and the Thermo Scientific TSQ 9610 VPI EI/CI ExtractaBrite triple quadrupole GC-MS/MS system, satisfying the solicitation's requirement for both instrument platforms. What may not be readily apparent in our bid is that our systems allow the source to be removed without venting the vacuum chamber, using our Vacuum Probe Interlock (VPI). Access to the source is provided through a specialized tool, which we have included.

To best demonstrate, here is a link to a video that shows both the removal and installation of the source without venting: [Source removal video](#) entitled **Easy Vent-Free Source Removal on the Thermo Scientific ISQ GC-MS System**.

1. TRACE 1610 GC platform for both systems. Each mass spectrometer is paired with a TRACE 1610 gas chromatograph, providing a modern GC platform for the required GC/MS and GC-MS/MS workflows.

The TRACE 1600 Series GC features user-installable, plug-in Thermo Scientific™ iConnect™ injector and detector modules enabling easy cable- and tubing-free connections. This is achieved with the miniaturized Integrated Electronic Gas Control (IEC) which is comprised of built-in gas manifolds, connections, restrictions and electronic valves in each module, along with electronics for temperature and gas control, signal amplification and A/D conversion.

Please see video of module exchange:

<https://www.youtube.com/watch?v=4ZGZck4SW6M> entitled **Thermo Scientific TRACE 1600 Series GC: iConnect injector module replacement**

We will install all modules during the installation followed by a brief training session to show you how to easily exchange each module. And if your analytical needs change in the future, you will simply purchase the inlet or analog detector (FID, TCD, etc.) to add to the GC instead of purchasing a new instrument or paying for an expensive upgrade.

2. The specifications for the autosampler include an excellent assortment of tools that will allow your lab to automate much of your bench work that you are currently doing manually. We have met and exceeded all requirements in sections **3.2.3** and **3.3.4** by offering our TriPlus RSH SMART autosampler (RSH). We would like to point out that the RSH is fully integrated into our Chromeleon software platform. So, all settings and controls are found within the instrument method and can be modified much like other GC components. Also,

considering the complex tools you require, we are offering the advanced version of the TriPlus RSH SMART autosampler which will allow you to exchange tools automatically. For example, if you set up a sequence for liquid and headspace, the tool change between both techniques will occur without a person intervening.

Also, the specifications in the same sections require Solid Phase Microextraction (SPME) capabilities but you do not define which version to choose, either SPME classic or Arrow. We offer both versions and highly recommend moving to the SPME Arrow version to allow for lower detection limits and overall, more robustness. Please see the attached brochure from CTC Analytics which describes this version. We would only need to add a Heatex Stirrer module and an RSH SPME Arrow Kit to both autosamplers for an additional \$23,509 USD if you plan to use both SPME Classic and Arrow and \$9,266 USD if you prefer to exchange the classic for the Arrow version.

3. The bid includes Chromeleon software, MS spectral licensing, Wiley Registry/NIST 2023 MS Library, and Drugs, Poisons, Pests library content, supporting method development, data acquisition, review, processing, and compound identification for the State's pesticide residue and toxicology applications. We have included two copies of the latest version of Chromeleon software and licensing for both Wiley Registry 2023/NIST 2023 MS Library combination and the MS Library Drugs, Poisons, Pests 6th ed since it is illegal to load this software on two PCs with only one software license.

Thermo Fisher Scientific appreciates the opportunity to support the West Virginia Department of Agriculture's laboratory modernization efforts. We are confident that the proposed GC/MS and GC-MS/MS systems will provide the performance, automation, reliability, and application support required for the Department's pesticide residue, toxicology, and environmental testing workflows. Thank you for your consideration of our bid. We look forward to the opportunity to provide these systems and support the Department's analytical mission.

Sincerely,



**Amy Hu**

*Account Manager, Chromatography and Mass Spectrometry*

*Thermo Scientific*

*Thermo Fisher Scientific*

*Tel: +1 (301) 456-3570*

[amy.hu@thermofisher.com](mailto:amy.hu@thermofisher.com)



ERIC L. HOUSEHOLDER  
CABINET SECRETARY

STATE OF WEST VIRGINIA  
DEPARTMENT OF ADMINISTRATION  
PURCHASING DIVISION

SAMANTHA WILLIS  
PURCHASING DIRECTOR

2019 WASHINGTON STREET, EAST  
CHARLESTON, WEST VIRGINIA 25305-0130

## State of West Virginia Bid Opportunity

|                                   |                                  |
|-----------------------------------|----------------------------------|
| <b>Solicitation Type</b>          | <b>CRFQ</b>                      |
| <b>Solicitation No.</b>           | <b>AGR26*44</b>                  |
| <b>Description:</b>               | <b>GCSM and GC-MS/MS Systems</b> |
| <b>Deadline for Q&amp;A:</b>      | 06/12/2026 2:00 PM EST           |
| <b>Bid Closing Date and Time:</b> | 06/24/2026 1:30 PM EST           |

Dear Potential Bidder:

Your business has been identified as a potential vendor by the requesting agency for the solicitation noted above.

Should your business be interested in this bid opportunity, please visit [www.wvOASIS.gov](http://www.wvOASIS.gov), and click on the Vendor Self Service (VSS) Portal. At the welcome screen of the *State of West Virginia Vendor and Sub Recipient Self Service* screen and under "What would you like to do?" click on "View Published Solicitations". You may view all bid opportunities, or you may search for the solicitation noted above by typing the solicitation number in the "keyword search" box. All modifications to solicitations prior to award will be noted as an "addendum" and are also available at this location.

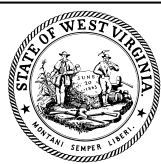
Additional information may be accessed by clicking on the "Solicitation Number" and by clicking the "Attachments" tab to view/download available attachments.

*State of West Virginia Vendor and Sub Recipient Self Service Bulletin* lists all bid opportunities more than \$20,000 for the state of West Virginia. Solicitations prefaced with an "A" are agency-delegated bid opportunities expected to be \$50,000 or less; those prefaced with an "C" are central Purchasing Division solicitations expected to exceed \$50,000.

Should you decide to bid on this opportunity, you may submit a bid through the acceptable delivery methods which can including electronic submission via wvOASIS system, hand delivery, delivery by courier, or by facsimile; however, the Purchasing Division cannot accept bids via electronic email.

Thank you for your interest in doing business with the State of West Virginia. Should you have any questions regarding becoming a registered vendor with the Purchasing Division, please visit our vendor registration webpage at [www.state.wv.us/admin/purchase/VendorReg.html](http://www.state.wv.us/admin/purchase/VendorReg.html).

West Virginia Purchasing Division  
[WVPurchasing.gov](http://WVPurchasing.gov)



Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Centralized Request for Quote  
 Laboratory

|   |                            |                         |                                 |
|---|----------------------------|-------------------------|---------------------------------|
| <b>Proc Folder:</b> 1979110                       |                            |                         | <b>Reason for Modification:</b> |
| <b>Doc Description:</b> GCSM and GC-MS/MS Systems |                            |                         |                                 |
| <b>Proc Type:</b> Central Purchase Order          |                            |                         |                                 |
| <b>Date Issued</b>                                | <b>Solicitation Closes</b> | <b>Solicitation No</b>  | <b>Version</b>                  |
| 2026-06-09  | 2026-06-24 13:30           | CRFQ 1400 AGR2600000044 | 1                               |

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

**Vendor Customer Code:**

**Vendor Name :** Thermo Electron North America LLC

**Address :**

**Street :** 1400 Northpoint Pkwy, Ste 10  
**City :** West Palm Beach  
**State :** Florida **Country :** USA **Zip :** 33407

**Principal Contact :** Vilma Negrón

**Vendor Contact Phone:** 561-688-8721 **Extension:**

**FOR INFORMATION CONTACT THE BUYER**  
 Larry D McDonnell  
 304-558-2063  
 larry.d.mcdonnell@wv.gov

\*In the event that we are awarded this RFQ, Thermo Electron North America LLC hereby requests to conduct limited negotiations on the Terms and Conditions. This bid submission is subject to Thermo Electron North America LLC expressly reserving the right to negotiate Terms and Conditions and in no way shall submission of this bid constitute acceptance of, or a waiver of any objection to, the Terms and Conditions.

Vendor **\***  
 Signature X **FEIN# 43-1992201** **DATE 06/23/2026**

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION**

The State of West Virginia Purchasing Division, is soliciting bids for the agency, West Virginia Department of Agriculture to establish a contract for the one-time purchase for a a Single Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS) with Robotic Multiple Injection Techniques including Liquid Injection, Static and Dynamic Headspace, Flame Ionization Detector (FID), and Solid Phase Microextraction and a Triple Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS/MS) with a Robotic Multiple Injection Techniques, including Liquid Injection, Static and Dynamic Headspace, and Solid Phase Microextraction, workstations, and all supplies necessary to connect the instrument along with installation, and warranty, per the attached documentation.

\*\*\*READ ALL TERMS AND CONDITIONS AND SPECIFICATIONS IN ITS ENTIREITY - SEE ATTACHED FILE NAMED: CRFQ AGR26\*44 - SOLICITATION DOCUMENTATION\*\*\*

\*\*\*\*Questions regarding the solicitation must be submitted in writing to Larry.D.McDonnell@wv.gov prior to the question period deadline listed in the attached documentation\*\*\*\*

| INVOICE TO  |  | SHIP TO  |  |
|---|--|--|--|
| AGRICULTURE<br>DEPARTMENT OF<br>ADMINISTRATIVE SERVICES<br><br>1900 KANAWHA BLVD E<br><br>CHARLESTON WV<br>US |  | AGRICULTURE<br>DEPARTMENT OF<br>REGULATORY PROTECTION<br>DIVISION<br><br>313 GUS R DOUGLAS LN,<br>BLDG 11<br>CHARLESTON WV<br>US |  |

| Line | Comm Ln Desc              | Qty     | Unit Issue | Unit Price   | Total Price  |
|------|---------------------------|---------|------------|--------------|--------------|
| 1    | GCMS and GC-MS/MS Systems | 1.00000 | EA         | \$566,466.04 | \$566,466.04 |

| Comm Code | Manufacturer      | Specification                               | Model #       |
|-----------|-------------------|---|---------------|
| 41115703  | Thermo Scientific | TSQ 9610 Advanced EI (AEI) source NeverVent | TSQ9610-VPICI |

**Extended Description:**  
 See attached documentation for further details.

**SCHEDULE OF EVENTS**

| <u>Line</u> | <u>Event</u> | <u>Event Date</u> |
|-------------|--------------|-------------------|
|-------------|--------------|-------------------|

## INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. **REVIEW DOCUMENTS THOROUGHLY:** The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. **MANDATORY TERMS:** The Solicitation may contain **mandatory** provisions identified by the use of the words "**must**," "**will**," and "**shall**." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. **PRE-BID MEETING:** The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the **mandatory** pre-bid meeting. Failure to attend the **mandatory** pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

**4. VENDOR QUESTION DEADLINE:** Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions **must be submitted on or before the date listed below and to the address listed below to be considered.** A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are non-binding.

Submitted emails should have the solicitation number in the subject line. Question

Submission Deadline: June 12, 2026 by 2:00PM

Submit Questions to: Larry D. McDonnell  
2019 Washington Street, East Charleston, WV 25305  
Fax: (304) 558-3970  
Email: Larry.D.McDonnell

**5. VERBAL COMMUNICATION:** Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

**6. BID SUBMISSION:** All bids must be submitted on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through *wvOASIS*, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, the Purchasing Division may prohibit the submission of bids electronically through *wvOASIS* at its sole discretion. Such a prohibition will be contained and communicated in the *wvOASIS* system resulting in the Vendor's inability to submit bids through *wvOASIS*. The Purchasing Division will not accept bids or modification of bids via email.

**Bids submitted in paper, facsimile, or via wvOASIS must contain a signature. Failure to submit a bid in any form without a signature will result in rejection of your bid.**

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

VENDOR NAME:

BUYER:

SOLICITATION NO.:

BID OPENING DATE:

BID OPENING TIME:

FAX NUMBER:

Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason.

**Bid Delivery Address and Fax Number:**

Department of Administration, Purchasing Division 2019 Washington Street East  
Charleston, WV 25305-0130  
Fax: 304-558-3970

**7. BID OPENING:** Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery or via delivery by mail).

Bid Opening Date and Time: June 24, 2026 at 1:30PM EST

Bid Opening Location:

Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

**8. ADDENDUM ACKNOWLEDGEMENT:** Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgement Form. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. **BID FORMATTING:** Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. **ALTERNATE MODEL OR BRAND:** Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand **shall** clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items **may** be grounds for rejection of a Vendor's bid.

This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. **COMMUNICATION LIMITATIONS:** In accordance with West Virginia Code of State Rules §148-1-6.6.2, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

12. **REGISTRATION:** Prior to Contract award, the apparent successful Vendor **must** be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

13. **UNIT PRICE:** Unit prices **shall** prevail in cases of a discrepancy in the Vendor's bid.

14. **PREFERENCE:** Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at: [www.state.wv.us/admin/purchase/vrc/Venpref.pdf](http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf).

**15A. RECIPROCAL PREFERENCE:** The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: [www.state.wv.us/admin/purchase/vrc/Venpref.pdf](http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf).

**15. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:**

For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37 and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors.

**16. WAIVER OF MINOR IRREGULARITIES:** The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.7.

**17. ELECTRONIC FILE ACCESS RESTRICTIONS:** Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

**18. NON-RESPONSIBLE:** The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance.”

**19. ACCEPTANCE/REJECTION:** The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.6. and § 148-1-6.3.”

20. **WITH THE BID REQUIREMENTS:** In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.7. This authority does not apply to instances where state law mandates receipt with the bid.

21. **EMAIL NOTIFICATION OF AWARD:** The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor wvOASIS or the Purchasing Division's website to determine when a contract has been awarded.

22. **EXCEPTIONS AND CLARIFICATIONS:** The Solicitation contains the specifications that **shall** form the basis of a contractual agreement. **Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid.** Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

## GENERAL TERMS AND CONDITIONS:

**1. CONTRACTUAL AGREEMENT:** Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

**2. DEFINITIONS:** As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

**2.1. "Agency" or "Agencies"** means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

**2.2. "Bid" or "Proposal"** means the vendors submitted response to this solicitation.

**2.3. "Contract"** means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

**2.4. "Director"** means the Director of the West Virginia Department of Administration, Purchasing Division.

**2.5. "Purchasing Division"** means the West Virginia Department of Administration, Purchasing Division.

**2.6. "Award Document"** means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

**2.7. "Solicitation"** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

**2.8. "State"** means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

**2.9. "Vendor" or "Vendors"** means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

**3. CONTRACT TERM; RENEWAL; EXTENSION:** The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

**Term Contract**

**Initial Contract Term:** The Initial Contract Term will be for a period of \_\_\_\_\_. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as \_\_\_\_\_), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

**Renewal Term:** This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to \_\_\_\_\_ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

**Alternate Renewal Term** – This contract may be renewed for \_\_\_\_\_ successive \_\_\_\_\_ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

**Delivery Order Limitations:** In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

**Fixed Period Contract:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within \_\_\_\_\_ days.

**Fixed Period Contract with Renewals:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within \_\_\_\_\_ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

the contract will continue for \_\_\_\_\_ years;

the contract may be renewed for \_\_\_\_\_ successive \_\_\_\_\_ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

**One-Time Purchase:** The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

**Construction/Project Oversight:** This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as \_\_\_\_\_), and continues until the project for which the vendor is providing oversight is complete.

**Other:** Contract Term specified in \_\_\_\_\_

**4. AUTHORITY TO PROCEED:** Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

**5. QUANTITIES:** The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

**Open End Contract:** Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

**Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.

**Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

**One-Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

**Construction:** This Contract is for construction activity more fully defined in the specifications.

**6. EMERGENCY PURCHASES:** The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

**7. REQUIRED DOCUMENTS:** All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

**LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

**8. INSURANCE:** The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

**Commercial General Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

**Automobile Liability Insurance** in at least an amount of: \_\_\_\_\_ per occurrence.

**Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: \_\_\_\_\_ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

**Commercial Crime and Third Party Fidelity Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Cyber Liability Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.

**Pollution Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Aircraft Liability** in an amount of: \_\_\_\_\_ per occurrence.

**9. WORKERS' COMPENSATION INSURANCE:** Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

**10. VENUE:** All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

**11. LIQUIDATED DAMAGES:** This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

\_\_\_\_\_ for \_\_\_\_\_.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

**12. ACCEPTANCE:** Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

**13. PRICING:** The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

**14. PAYMENT IN ARREARS:** Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

**15. PAYMENT METHODS:** Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

**16. TAXES:** The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

**17. ADDITIONAL FEES:** Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

**18. FUNDING:** This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

**19. CANCELLATION:** The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.

**20. TIME:** Time is of the essence regarding all matters of time and performance in this Contract.

**21. APPLICABLE LAW:** This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

**22. COMPLIANCE WITH LAWS:** Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

**SUBCONTRACTOR COMPLIANCE:** Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

**23. ARBITRATION:** Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

**24. MODIFICATIONS:** This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

**25. WAIVER:** The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

**26. SUBSEQUENT FORMS:** The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

**27. ASSIGNMENT:** Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

**28. WARRANTY:** The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

**29. STATE EMPLOYEES:** State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

**30. PRIVACY, SECURITY, AND CONFIDENTIALITY:** The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy).

Type text here

**31. YOUR SUBMISSION IS A PUBLIC DOCUMENT:** Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

**32. LICENSING:** In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

**SUBCONTRACTOR COMPLIANCE:** Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

**33. ANTITRUST:** In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

**34. VENDOR NON-CONFLICT:** Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

**35. VENDOR RELATIONSHIP:** The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

**36. INDEMNIFICATION:** The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

**37. NO DEBT CERTIFICATION:** In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

**38. CONFLICT OF INTEREST:** Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

**39. REPORTS:** Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at [purchasing.division@wv.gov](mailto:purchasing.division@wv.gov).

**40. BACKGROUND CHECK:** In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

**41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS:** Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
  1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
  2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

**42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL:** In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

**43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE:** W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

**44. PROHIBITION AGAINST USED OR REFURBISHED:** Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

**45. VOID CONTRACT CLAUSES:** This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

**46. ISRAEL BOYCOTT:** Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Vilma Negrón, Proposal Specialist Team Lead

(Address) 1400 Northpoint Pkwy, Ste 10, West Palm Beach, FL 33407

(Phone Number) / (Fax Number) 561-688-8721 / 412-200-6542

(email address) CMDAmericasbids@thermofisher.com

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Thermo Electron North America LLC

(Company)

(Signature of Authorized Representative)

Vilma Negrón, Proposal Specialist Team Lead

(Printed Name and Title of Authorized Representative) (Date)

561-688-8721 / 412-200-6542

(Phone Number) (Fax Number)

CMDAmericasbids@thermofisher.com

(Email Address)

REQUEST FOR QUOTATION  
Triple Quadrupole GC/MS and Single Quadrupole GC/MS  
CRFQ AGR26\*44

---

**SPECIFICATIONS**

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Agriculture to establish a contract for the one-time purchase of a Single Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS) with Robotic Multiple Injection Techniques including Liquid Injection, Static and Dynamic Headspace, Flame Ionization Detector (FID), and Solid Phase Microextraction and a Triple Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS/MS) with a Robotic Multiple Injection Techniques, including Liquid Injection, Static and Dynamic Headspace, and Solid Phase Microextraction, workstations, and all supplies necessary to connect the instrument along with installation, and warranty.

The Single Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS) will be using methods AOAC 2007.01 Pesticides Residues in Foods by Acetonitrile Extraction and Partitioning Magnesium Sulfate and CLG-TOX1.01 USDA Identification of Poisons and Toxins by GC/MS.

The Triple Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS/MS) will be using methods Simultaneous Screening of 322 Residual Pesticides in Fruits and Vegetables Using GC-MS/MS this article is from MDPI Foods 2023,12,3001 and Determination of Pesticides and Industrial Chemicals Using Modified QuEChERS and GC-MS/MS and LC-MS/MS FDA Document Number: 000500.

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
  - 2.1 **“Contract Item”** means the Gas Chromatograph/Mass Spectrometer systems, autosamplers, detectors, software, accessories, installation, training, warranty, and related deliverables described in this solicitation.
  - 2.2 **“Pricing Page”** means the pages, contained in wvOASIS or attached as Exhibit A, upon which Vendor should list its proposed price for the Contract Items.
  - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
  - 2.4 **“Deliverables”** means all items being purchased through this RFQ.
  - 2.5 **“Maintenance Plan”** means routine service conducted by the vendor that is recommended to keep the instrument fully operational.
  - 2.6 **“Warranty”** means the written warranty of the manufacturer of a new instrument of its condition and fitness for use, including any terms or conditions precedent to the enforcement of obligations under that warranty.

REQUEST FOR QUOTATION  
Triple Quadrupole GC/MS and Single Quadrupole GC/MS  
CRFQ AGR26\*44

---

- 2.7 “**Service**” means performing routine maintenance work or repair to the instrument or software.
- 2.8 “**Gas Chromatograph (GC)**” is an analytical instrument used to separate, quantify and identify volatile components within a mixture.
- 2.9 “**Mass Spectrometer (MS)**” is an analytical instrument that identifies and quantifies molecules with a sample by ionizing them, separating the resulting fragments based on their mass-to-charge ratio using electric or magnetic fields, and detecting them to produce a spectrum.
- 2.10 “**Pounds per square inch gauge (psig)**” it measures pressure relative to the surrounding atmospheric pressure (ambient air), rather than a perfect vacuum.
- 2.11 “**Electronic pressure control (EPC)**” using digital sensors, microprocessors, and solenoid valves to automatically monitor and regulate gas or fluid pressure in a system.
- 2.12 “**Atomic mass units (amu)**” unit of mass used to express atomic and molecular weights.
- 2.13 “**Electron volt (eV)**” is a small unit of energy equal to the amount of kinetic energy gained (or lost) by a single electron accelerating from rest through an electric potential difference of one volt in a vacuum.
- 2.14 “**Multiple Reaction Monitoring (MRM)**” a highly sensitive and selective mass spectrometry technique typically performed on triple-quadrupole instruments used to quantify specific molecules within complex samples.
- 2.15 “**Solid Phase Microextraction (SPME)**” a rapid, solvent-free sample preparation technique that integrates sampling, extraction, and concentration into one step.
- 2.16 “**Static Headspace (SHS)**” an equilibrium-based sampling technique where volatiles in a sealed vial reach a stable concentration, allowing a portion of the gas to be analyzed.
- 2.17 “**Dynamic Headspace (DHS)**” purge-and-trap, continuously purges the sample with inert gas, forcing all volatiles into a sorbent trap for higher sensitivity.

REQUEST FOR QUOTATION  
Triple Quadrupole GC/MS and Single Quadrupole GC/MS  
CRFQ AGR26\*44

---

**2.18 “Capillary Flow Technology (CFT)”** refers to specialized, inert, low-thermal-mass devices in gas chromatography (GC) that enable reliable, leak-free, and flexible capillary connections. It enhances GC/MS performance by managing flow paths, supporting backflushing to prevent column contamination, and enabling complex, multi-column analysis without venting the system.

**2.19 “Hz”** means the standard international unit of measurement for frequency.

**2.20 “Flame Ionization Detector (FID)”** means a detector that is paired with a gas chromatograph for the analysis of organic compounds.

**2.21 “USDA”** United State Department of Agriculture.

**2.22 “NIST”** – National Institute of Standards and Technology.

**2.23 “NIST Wiley”** – National Institute of Standards and Technology Wiley Mass Spectrometer library.

**2.24 “MDPI”** – Multidisciplinary Digital Publishing Institute.

**2.25 “AOAC 2007.01”** – Association of Official Agriculture Chemists Method 2007.01 Pesticides Residues in Foods by Acetonitrile Extraction and Partitioning Magnesium Sulfate.

**2.26 “CLG-TOX1.01”** – Chemistry Laboratory Guidebook for Toxicology Methods.

**2.27 “GC/MS”** – Single quadrupole Gas Chromatograph Mass Spectrometer.

**2.28 “GC/MS/MS”** – Triple quadrupole Gas Chromatograph Mass Spectrometer.

### **3. GENERAL REQUIREMENTS:**

**3.1 Mandatory Contract Item Requirements:** Contract Item must meet or exceed the mandatory requirements listed below.

#### **3.2 GC/MS/MS System**

##### **3.2.1 GC Specifications**

**3.2.1.1** The oven temperature must have a temperature range of ambient to minimum of 450 Celsius.

REQUEST FOR QUOTATION  
**Triple Quadrupole GC/MS and Single Quadrupole GC/MS**  
**CRFQ AGR26\*44**

---

- 3.2.1.2 The injection port temperature must have a temperature range of ambient to minimum of 450 Celsius.
- 3.2.1.3 The GC must have the following injection modes Hot Split/Splitless, Cold Split/Splitless, all in pulsed mode, solvent vent mode, and residue removal mode.
- 3.2.1.4 The capillary flow technology of backflushing and column switching. Provide the columns that are listed in the methods list in the Purpose and Scope section.
- 3.2.1.5 The electronic pressure control (EPC) pressure range needs to be 0 to minimum of 100 pounds per square inch gauge (psig).
- 3.2.1.6 The GC must have two inlets.
- 3.2.1.7 The GC must be set up so that it can use helium and hydrogen carrier gas.

**3.2.2 Triple Quadrupole MS/MS Specifications**

- 3.2.2.1 The ion source must have a dual-filament assembly and temperature minimum of 350 Celsius.
- 3.2.2.2 The mass range must have a maximum of 1100 atomic mass units (amu).
- 3.2.2.3 The electron range must be a minimum of 10 and a maximum of 300 electron volt (eV).
- 3.2.2.4 The transfer line temperature from the Gas Chromatography to the Mass Spectrometer must be a minimum of 400 Celsius.
- 3.2.2.5 The vacuum pump must be a Dry-Scroll-Pump oil-free or any equivalent oil-free pump.

**3.2.3 Autosampler Specifications**

- 3.2.3.1 The autosampler must have the following Robotic Multiple Injection Techniques, including Liquid Injection, Static and Dynamic Headspace, and Solid Phase Microextraction.
- 3.2.3.2 The autosampler must have a chiller for 2, 10 and 20 milliliter (mL) autosampler vials. The temperature range must be minimum 4 to 40 Celsius.
- 3.2.3.3 The autosampler must have a Solid Phase Microextraction (SPME) with a Fiber Conditioning Module and an agitator capable of heating to a maximum of 350 Celsius.
- 3.2.3.4 The autosampler must have Static and Dynamic Headspace and an agitator capable of heating to a maximum of 200 Celsius.

REQUEST FOR QUOTATION  
Triple Quadrupole GC/MS and Single Quadrupole GC/MS  
CRFQ AGR26\*44

---

3.2.3.5 The autosampler must have a minimum of 2 solvent rinse and waste vials.

3.2.3.6 The autosampler must have a minimum of 162 position vial trays for 2 milliliters (mL) vials and a minimum of 60 position vial trays for 10 and 20 milliliters (mL).

3.2.3.7 The autosampler must be able to inject a minimum of 10 microliters ( $\mu\text{L}$ ) of liquid.

3.2.3.8 The autosampler headspace syringe must have a minimum volume of 2500 microliters ( $\mu\text{L}$ ).

3.2.3.9 The autosampler must have a centrifugation that can hold 2, 10, and 20 milliliters (mL) vials.

**3.2.4 Computer Specifications**

3.2.4.1 The computers, monitors, and printers must be provided by the vendor for both the GC-MS/MS and GC-MS systems.

3.2.4.2 For the GC-MS/MS, the computer must come with the GC-MS/MS operating software, and the software must have offline data review and processing ability.

3.2.4.3 For the GC-MS/MS, the computer must come with the latest NIST Mass Spectral Library with MS/MS software.

3.2.4.4 For the GC-MS/MS, the computer must come with Pesticides and Environment Pollutant MRM database with optimized transitions.

3.2.4.5 For the GC-MS, the computer must come with the GC-MS operating software, and the software must have offline data review and processing ability.

3.2.4.6 For the GC-MS, the computer must come with the latest NIST, WILEY/NIST, Maurer and Weber Drug Mass Spectral Library with MS software.

**3.2.5 Battery Backup Specification**

3.2.5.1 The vendor must provide battery backup units for both the GC-MS system and the GC-MS/MS system.

3.2.5.2 The battery backup units must be able to run the systems for a minimum of three (3) minutes.

**3.2.6 Training Specification**

3.2.6.1 The vendor must provide on-site training for both the GC-MS and GC-MS/MS systems.

REQUEST FOR QUOTATION  
**Triple Quadrupole GC/MS and Single Quadrupole GC/MS**  
**CRFQ AGR26\*44**

---

**3.2.6.2** On-site training for 3 full 8 hours days and a minimum of 3 people for the GC-MS.

**3.2.6.3** On-site training for 3 full 8 hours days and a minimum of 3 people for the GC-MS/MS.

**3.2.6.4** All training, and associated travel costs to the site, costs must be included in the total cost of the instrument.

### **3.3 GC/MS System**

#### **3.3.1 GC Specifications**

**3.3.1.1** The oven temperature must have a temperature range of ambient to a minimum of 450 Celsius.

**3.3.1.2** The injection port temperature must have a temperature range of ambient to a minimum of 450 Celsius.

**3.3.1.3** The GC must have the following injection modes Hot Split/Splitless, Cold Split/Splitless, all in pulsed mode, solvent vent mode, and residue removal mode.

**3.3.1.4** The capillary flow technology of backflushing and column switching. Provide the columns that are listed in the methods list in the Purpose and Scope section.

**3.3.1.5** The electronic pressure control (EPC) pressure range needs to be 0 to minimum of 100 pounds per square inch gauge (psig). The GC must have two inlets.

**3.3.1.6** The GC must be set up so that it can use helium and hydrogen carrier gas.

#### **3.3.2 Single Quadrupole MS Specification**

**3.3.2.1** The ion source must have a dual-filament assembly and temperature minimum of 350 Celsius.

**3.3.2.2** The mass range must be minimum of 0.6 and maximum of 1091 atomic mass units (amu).

**3.3.2.3** The transfer line temperature from the Gas Chromatography to the Mass Spectrometer must be a minimum of 350 Celsius.

**3.3.2.4** The vacuum pump must be a Dry-Scroll-Pump oil-free or any equivalent oil-free pump.

#### **3.3.3 Flame Ionization Detector (FID) Specifications**

**3.3.3.1** The Gas Chromatograph shall include a Flame Ionization Detector (FID) fully integrated with the GC System.

REQUEST FOR QUOTATION  
Triple Quadrupole GC/MS and Single Quadrupole GC/MS  
CRFQ AGR26\*44

---

- 3.3.3.2 The FID shall support capillary column operation and be compatible with split, splitless, cold split/splitless, and programmed temperature vaporization injection techniques.
- 3.3.3.3 The FID shall have a maximum operating temperature of at least 450 degrees Celsius.
- 3.3.3.4 The FID shall include electronic pressure control or electronic flow control for hydrogen, air, and makeup gases.
- 3.3.3.5 The FID shall have automatic flame ignition and automatic flame-out detection.
- 3.3.3.6 The FID data acquisition rate shall support fast chromatography applications with a minimum acquisition frequency of 200 Hz.

**3.3.4 Autosampler Specifications**

- 3.3.4.1 The autosampler must have the following Robotic Multiple Injection Techniques, including Liquid Injection, Static and Dynamic Headspace, and Solid Phase Microextraction.
- 3.3.4.2 The autosampler must have a chiller for 2, 10 and 20 milliliter (mL) autosampler vials. The temperature must be minimum of 4 to 40 Celsius.
- 3.3.4.3 The autosampler must have a Solid Phase Microextraction (SPME) with a Fiber Conditioning Module and an agitator capable of heating to a maximum of 350 Celsius.
- 3.3.4.4 The autosampler must have Static and Dynamic Headspace and an agitator capable of heating to a maximum of 200 Celsius.
- 3.3.4.5 The autosampler must have a minimum of 2 solvent rinse and waste vials.
- 3.3.4.6 The autosampler must have a minimum of 162 position vial trays for 2 milliliters (mL) vials and a minimum of 60 position vial trays for 10 and 20 milliliters (mL).
- 3.3.4.7 The autosampler must be able to inject a minimum of 10 microliters ( $\mu$ L) liquid.
- 3.3.4.8 The autosampler headspace must have a minimum volume of 2500 microliters ( $\mu$ L).
- 3.3.4.9 The autosampler must have a centrifugation that can hold 2, 10, and 20 milliliters (mL) vials.

**3.3.5 Shipping**

- 3.3.5.1 Shipping fee must be incorporated into unit price.

REQUEST FOR QUOTATION  
Triple Quadrupole GC/MS and Single Quadrupole GC/MS  
CRFQ AGR26\*44

---

**3.3.6 Warranty**

**3.3.6.1** The vendor must provide a minimum of one-year parts and labor warranty on all items.

**3.3.7 Installation and Validation**

**3.3.7.1** Vendor must perform the installation (labor and supplies included) of the Triple Quadrupole GC/MS, Single Quadrupole GC/MS and the Robotic Autosampler.

**3.3.7.2** The vendor must provide a written validation of the system's performance after installation. The following is Performance Verification what should be completed after installing GC-MS and GC-MS/MS: Perform Checkout Tune, Perform Tune Verification, Verify EI Performance, Perform PCI Autotune, Verify PCI Performance, Perform NCI autotune, and Verify NCI Performance.

**3.3.8 Maintenance, Support, and Calibration**

**3.3.8.1** Maintenance services shall be performed by the vendor who shall agree to have a certified and trained staff and replacement parts available.

**3.3.8.2** Vendor must respond to service calls by phone or email within a maximum of twenty-four (24) hours of the request.

**3.3.8.3** Vendor must be capable of completing all repair and/or service requests within a maximum of five (5) business days, excluding state holidays and weekends, from the time of request.

**3.3.8.4** Following any on-site maintenance, calibration, or repair services, the Contractor shall perform post-service verification and calibration of the instrument at its final, installed operational location. All testing must be conducted using certified reference materials (CRMs) or NIST-traceable standards, in alignment with manufacturer specifications and ISO/IEC 17025 accredited methods (or equivalent).

REQUEST FOR QUOTATION  
Triple Quadrupole GC/MS and Single Quadrupole GC/MS  
CRFQ AGR26\*44

---

**3.3.8.5** The instrument must meet or exceed the original manufacturer's performance tolerances for accuracy and precision under actual local operating conditions. The Contractor shall provide a formal Calibration/Verification Certificate detailing the 'as-found' and 'as-left' data, which must be approved by the Client prior to the instrument being returned to active service.

**3.3.8.6** Reports of service will be signed by State of WV authorized laboratory personnel to ensure work has been completed.

**4. CONTRACT AWARD:**

**4.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.

**4.2 Pricing Page:** Vendor must complete the Pricing Page by entering information in each column for item number, model/brand name, unit price and extended amount. If there is no charge for any deliverable, indicate in the cell with "no charge". The bidder/vendor information must be completed and include an authorized signature. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified.

Vendor should type or electronically enter the information into the Pricing Page to prevent errors in the evaluation.

**5. PAYMENT:**

**5.1 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

**6. DELIVERY AND RETURN:**

**6.1 Shipment and Delivery:** Vendor shall ship the Contract Items immediately after being awarded this Contract and receiving a purchase order or notice to proceed. Vendor shall deliver the Contract Items within 90 days after receiving a purchase order or notice to proceed. Contract Items must be delivered to Agency at 313 Gus R. Douglass Lane, Charleston, WV 25312.

**6.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if the shipment of the Contract Items will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the Contract, and/or obtaining the Contract Items from a third party.

REQUEST FOR QUOTATION  
Triple Quadrupole GC/MS and Single Quadrupole GC/MS  
CRFQ AGR26\*44

---

Any Agency seeking to obtain the Contract Items from a third party under this provision must first obtain approval of the Purchasing Division.

- 6.3 Delivery Payment/Risk of Loss:** Vendor shall deliver the Contract Items F.O.B. destination to the Agency's location.
- 6.4 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.
- 6.5 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

**7. VENDOR DEFAULT:**

- 7.1** The following shall be considered a vendor default under this Contract.
- 7.1.1** Failure to provide Contract Items in accordance with the requirements contained herein.
  - 7.1.2** Failure to comply with other specifications and requirements contained herein.
  - 7.1.3** Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
  - 7.1.4** Failure to remedy deficient performance upon request.
- 7.2** The following remedies shall be available to Agency upon default.
- 7.2.1** Immediate cancellation of the Contract.
  - 7.2.2** Immediate cancellation of one or more release orders issued under this Contract.
  - 7.2.3** Any other remedies available in law or equity.

**EXHIBIT A - Pricing Page**  
**Triple Quadrupole GC/MS and Single Quadrupole GC/MS**  
**CRFQ AGR26\*XX**

| Section No.           | Description  | Model #/Brand Name                                  | Quantity | Unit Price         | Extended Amount     |
|-----------------------|--|---|----------|--------------------|---------------------|
| 3.3                   | Single Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS) with Robotic Multiple Injection Techniques including Liquid Injection, Static and Dynamic Headspace, Flame Ionization Detector (FID), and Solid Phase Microextraction, workstation, and all required parts/accessories | TSQ9610-VPICI<br>TSQ 9610 VPI EI CI ExtractaBrite   | 1        |                    | \$248,782.66        |
| 3.2                   | Triple Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS/MS) with a Robotic Multiple Injection Techniques, including Liquid Injection, Static and Dynamic Headspace, and Solid Phase Microextraction, workstation, and all required parts/accessories                            | ISQ7610-VPICI<br>ISQ 7610 VPI ExtractaBrite with CI | 1        |                    | \$317,683.38        |
| 3.3.6                 | Warranty/Preventative Maintenance Service  |   | 1        | 0.00               | \$ 0.00 -           |
| 3.3.7                 | Installation   |   | 1        | 0.00               | \$ 0.00 -           |
|                       | Failure to use this form may result in disqualification  |   |          | <b>GRAND TOTAL</b> | <b>\$566,466.04</b> |
|                       | Bidder / Vendor Information  |   |          |                    |                     |
| Name:                 | Thermo Electron North America LLC  |   |          |                    |                     |
| Address:              | 1400 Northpoint Pkwy, Ste 10   |   |          |                    |                     |
|                       | West Palm Beach, FL 33407  |   |          |                    |                     |
| Phone:                | 561-688-8721   |   |          |                    |                     |
| Email Address:        | CMDAmericasbids@thermofisher.com   |   |          |                    |                     |
| Authorized Signature: |  |   |          |                    |                     |



Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**State of West Virginia**  
**Centralized Request for Quote**  
**Laboratory**

|   |                            |                                 |                |
|---|----------------------------|---------------------------------|----------------|
| <b>Proc Folder:</b> 1979110                       |                            | <b>Reason for Modification:</b> |                |
| <b>Doc Description:</b> GCSM and GC-MS/MS Systems |                            | Addendum No. 01                 |                |
| <b>Proc Type:</b> Central Purchase Order          |                            |                                 |                |
| <b>Date Issued</b>                                | <b>Solicitation Closes</b> | <b>Solicitation No</b>          | <b>Version</b> |
| 2026-06-15  | 2026-06-24 13:30           | CRFQ 1400 AGR2600000044         | 2              |

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

**Vendor Customer Code:**

**Vendor Name :** Thermo Electron North America LLC

**Address :**

**Street :** 1400 Northpoint Pkwy, Ste 10

**City :** West Palm Beach

**State :** Florida **Country :** USA **Zip :** 33407

**Principal Contact :** Vilma Negrón

**Vendor Contact Phone:** 561-688-8721 **Extension:**

**FOR INFORMATION CONTACT THE BUYER**

Larry D McDonnell  
 304-558-2063  
 larry.d.mcdonnell@wv.gov

\*In the event that we are awarded this RFQ, Thermo Electron North America LLC hereby requests to conduct limited negotiations on the Terms and Conditions. This bid submission is subject to Thermo Electron North America LLC expressly reserving the right to negotiate Terms and Conditions and in no way shall submission of this bid constitute acceptance of, or a waiver of any objection to, the Terms and Conditions.

**Vendor** \*  
**Signature X** **FEIN#** 43-1992201 **DATE** 6/23/2026

**All offers subject to all terms and conditions contained in this solicitation**

**ADDITIONAL INFORMATION**

Addendum No. 01  
 To attach answers to vendor questions.

Bid opening date and time still remains 06/24/2026 at 1:30PM EST/EDT.

No other changes

| INVOICE TO  |  | SHIP TO  |  |
|---|--|--|--|
| AGRICULTURE<br>DEPARTMENT OF<br>ADMINISTRATIVE SERVICES<br><br>1900 KANAWHA BLVD E<br><br>CHARLESTON WV<br>US |  | AGRICULTURE<br>DEPARTMENT OF<br>REGULATORY PROTECTION<br>DIVISION<br><br>313 GUS R DOUGLAS LN,<br>BLDG 11<br>CHARLESTON WV<br>US |  |

| Line | Comm Ln Desc              | Qty     | Unit Issue | Unit Price   | Total Price  |
|------|---------------------------|---------|------------|--------------|--------------|
| 1    | GCMS and GC-MS/MS Systems | 1.00000 | EA         | \$566,466.04 | \$566,466.04 |

| Comm Code | Manufacturer  | Specification | Model # |
|-----------|---|---------------|---------|
| 41115703  | Thermo Scientific TSQ 9610 Advanced EI (AEI) source NeverVent TSQ9610-VPICI |               |         |

**Extended Description:**  
 See attached documentation for further details.

**SCHEDULE OF EVENTS**

| <u>Line</u> | <u>Event</u> | <u>Event Date</u> |
|-------------|--------------|-------------------|
|-------------|--------------|-------------------|

**SOLICITATION NUMBER: CRFQ AGR26\*44**  
**Addendum Number: 01**

---

The purpose of this addendum is to modify the solicitation identified as (“Solicitation”) to reflect the change(s) identified and described below.

**Applicable Addendum Category:**

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

**Description of Modification to Solicitation:**

To attach answers to vendor questions.

Bid opening date and time still remains 06/24/2026 at 1:30PM EST.

No other changes

**Additional Documentation:** Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

**Terms and Conditions:**

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

Q1: Will the single-quad GCMS be running 2 separate columns for its methods, or will the same be used for both methods?

A1: Same column for both methods

Q2: Will the triple-quad GCMS be running 2 separate columns for its methods, or will the same column be used for both?

A2: Same column for both methods

Q3: Hydrogen carrier gasses are not supported in Oil-less roughing pumps due to their designs. Do you plan to use Hydrogen or do you just want the option to use it in the future? Please explain how Hydrogen carrier will be used.

A3: The option to use in the future

Q4: Section 3.2.1.3 state the GC must have the following injection modes Hot Split/Splitless, Cold Split/Splitless, all in pulsed mode, solvent vent mode, and residue removal mode. Are the listed injection modes going to be used, or do you just want the option to be able to use these modes?

A4: We are going to use them

Q5: In 3.2.4.5 the statement is made that “the software must have offline data review and processing ability”. Do you plan to review the data on another PC or will the data review be done on the same PC?

A5: It will be done on the same PC, but we want the ability to analyze data while the instrument is running.

Q6: In 3.3.3.1 The statement is made that “The Gas Chromatograph shall include a Flame Ionization Detector (FID) fully integrated with the GC System.” How will the FID be used? Will one Inlet of the GCMS be connected to the FID? Please explain how you plan to use the FID.

A6: The FID will use one injector port and the MS will use another injector port. This way we don't have to switch columns back and forth.

Q7: Section 3.3.7.2 states “The following is Performance Verification what should be completed after installing GC-MS and GC-MS/MS: Perform Checkout Tune, Perform Tune Verification, Verify EI Performance, Perform PCI Autotune, Verify PCI Performance, Perform NCI autotune, and Verify NCI Performance.” This mentions that PCI and NCI will be evaluated. Will this GCMS or GCMSMS require PCI/NCI ionization sources or will the system only require EI?

A7: It will require all three

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CRFQ AGR26\*44**

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**

(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2            | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3            | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Thermo Electron North America LLC

Company

Authorized Signature

06/23/2026

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.



Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Centralized Request for Quote  
 Laboratory

|   |                            |                         |                                 |
|---|----------------------------|-------------------------|---------------------------------|
| <b>Proc Folder:</b> 1979110                       |                            |                         | <b>Reason for Modification:</b> |
| <b>Doc Description:</b> GCSM and GC-MS/MS Systems |                            |                         |                                 |
| <b>Proc Type:</b> Central Purchase Order          |                            |                         |                                 |
| <b>Date Issued</b>                                | <b>Solicitation Closes</b> | <b>Solicitation No</b>  | <b>Version</b>                  |
| 2026-06-09  | 2026-06-24 13:30           | CRFQ 1400 AGR2600000044 | 1                               |

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

**Vendor Customer Code:**

**Vendor Name :** Thermo Electron North America LLC

**Address :**

**Street :** 1400 Northpoint Pkwy, Ste 10

**City :** West Palm Beach

**State :** Florida **Country :** USA **Zip :** 33407

**Principal Contact :** Vilma Negrón

**Vendor Contact Phone:** 561-688-8721 **Extension:**

**FOR INFORMATION CONTACT THE BUYER**

Larry D McDonnell  
 304-558-2063  
 larry.d.mcdonnell@wv.gov

\*In the event that we are awarded this RFQ, Thermo Electron North America LLC hereby requests to conduct limited negotiations on the Terms and Conditions. This bid submission is subject to Thermo Electron North America LLC expressly reserving the right to negotiate Terms and Conditions and in no way shall submission of this bid constitute acceptance of, or a waiver of any objection to, the Terms and Conditions.

**Vendor** \*  
**Signature X** **FEIN#** 43-1992201 **DATE** 06/23/2026

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION**

The State of West Virginia Purchasing Division, is soliciting bids for the agency, West Virginia Department of Agriculture to establish a contract for the one-time purchase for a a Single Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS) with Robotic Multiple Injection Techniques including Liquid Injection, Static and Dynamic Headspace, Flame Ionization Detector (FID), and Solid Phase Microextraction and a Triple Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS/MS) with a Robotic Multiple Injection Techniques, including Liquid Injection, Static and Dynamic Headspace, and Solid Phase Microextraction, workstations, and all supplies necessary to connect the instrument along with installation, and warranty, per the attached documentation.

\*\*\*READ ALL TERMS AND CONDITIONS AND SPECIFICATIONS IN ITS ENTIREITY - SEE ATTACHED FILE NAMED: CRFQ AGR26\*44 - SOLICITATION DOCUMENTATION\*\*\*

\*\*\*\*Questions regarding the solicitation must be submitted in writing to Larry.D.McDonnell@wv.gov prior to the question period deadline listed in the attached documentation\*\*\*\*

| INVOICE TO  |  | SHIP TO  |  |
|---|--|--|--|
| AGRICULTURE<br>DEPARTMENT OF<br>ADMINISTRATIVE SERVICES<br><br>1900 KANAWHA BLVD E<br><br>CHARLESTON WV<br>US |  | AGRICULTURE<br>DEPARTMENT OF<br>REGULATORY PROTECTION<br>DIVISION<br><br>313 GUS R DOUGLAS LN,<br>BLDG 11<br>CHARLESTON WV<br>US |  |

| Line | Comm Ln Desc              | Qty     | Unit Issue | Unit Price   | Total Price  |
|------|---------------------------|---------|------------|--------------|--------------|
| 1    | GCMS and GC-MS/MS Systems | 1.00000 | EA         | \$566,466.04 | \$566,466.04 |

| Comm Code | Manufacturer      | Specification                               | Model #       |
|-----------|-------------------|---|---------------|
| 41115703  | Thermo Scientific | TSQ 9610 Advanced EI (AEI) source NeverVent | TSQ9610-VPIC1 |

**Extended Description:**  
 See attached documentation for further details.

**SCHEDULE OF EVENTS**

| <u>Line</u> | <u>Event</u> | <u>Event Date</u> |
|-------------|--------------|-------------------|
|-------------|--------------|-------------------|

|              | Document Phase | Document Description      | Page |
|--------------|----------------|---------------------------|------|
| AGR260000044 | Final          | GCSM and GC-MS/MS Systems | 3    |

**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions



Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Centralized Request for Quote  
 Laboratory

|   |                            |                                 |                |
|---|----------------------------|---------------------------------|----------------|
| <b>Proc Folder:</b> 1979110                       |                            | <b>Reason for Modification:</b> |                |
| <b>Doc Description:</b> GCSM and GC-MS/MS Systems |                            | Addendum No. 01                 |                |
| <b>Proc Type:</b> Central Purchase Order          |                            |                                 |                |
| <b>Date Issued</b>                                | <b>Solicitation Closes</b> | <b>Solicitation No</b>          | <b>Version</b> |
| 2026-06-15  | 2026-06-24 13:30           | CRFQ 1400 AGR2600000044         | 2              |

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

**Vendor Customer Code:**

**Vendor Name :** Thermo Electron North America LLC

**Address :** 1400 Northpoint Pkwy, Ste 10

**Street :**

**City :** West Palm Beach

**State :** Florida **Country :** USA **Zip :** 33407

**Principal Contact :** Vilma Negron

**Vendor Contact Phone:** 561-688-8721 **Extension:**

**FOR INFORMATION CONTACT THE BUYER**

Larry D McDonnell  
 304-558-2063  
 larry.d.mcdonnell@wv.gov

\*In the event that we are awarded this RFQ, Thermo Electron North America LLC hereby requests to conduct limited negotiations on the Terms and Conditions. This bid submission is subject to Thermo Electron North America LLC expressly reserving the right to negotiate Terms and Conditions and in no way shall submission of this bid constitute acceptance of, or a waiver of any objection to, the Terms and Conditions.

Vendor **\***  
 Signature X **FEIN#** 43-1992201 **DATE** 06/23/2026

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION**

Addendum No. 01  
To attach answers to vendor questions.

Bid opening date and time still remains 06/24/2026 at 1:30PM EST/EDT.

No other changes

| INVOICE TO  |    | SHIP TO   |    |
|---|----|---|----|
| AGRICULTURE<br>DEPARTMENT OF<br>ADMINISTRATIVE SERVICES |    | AGRICULTURE<br>DEPARTMENT OF<br>REGULATORY PROTECTION<br>DIVISION |    |
| 1900 KANAWHA BLVD E                                     |    | 313 GUS R DOUGLAS LN,<br>BLDG 11                                  |    |
| CHARLESTON  | WV | CHARLESTON  | WV |
| US  |    | US  |    |

| Line | Comm Ln Desc              | Qty     | Unit Issue | Unit Price   | Total Price  |
|------|---------------------------|---------|------------|--------------|--------------|
| 1    | GCMS and GC-MS/MS Systems | 1.00000 | EA         | \$566,466.04 | \$566,466.04 |

| Comm Code | Manufacturer      | Specification                               | Model #       |
|-----------|-------------------|---|---------------|
| 41115703  | Thermo Scientific | TSQ 9610 Advanced EI (AEI) source NeverVent | TSQ9610-VPIC1 |

**Extended Description:**  
See attached documentation for further details.

**SCHEDULE OF EVENTS**

| <u>Line</u> | <u>Event</u> | <u>Event Date</u> |
|-------------|--------------|-------------------|
|-------------|--------------|-------------------|

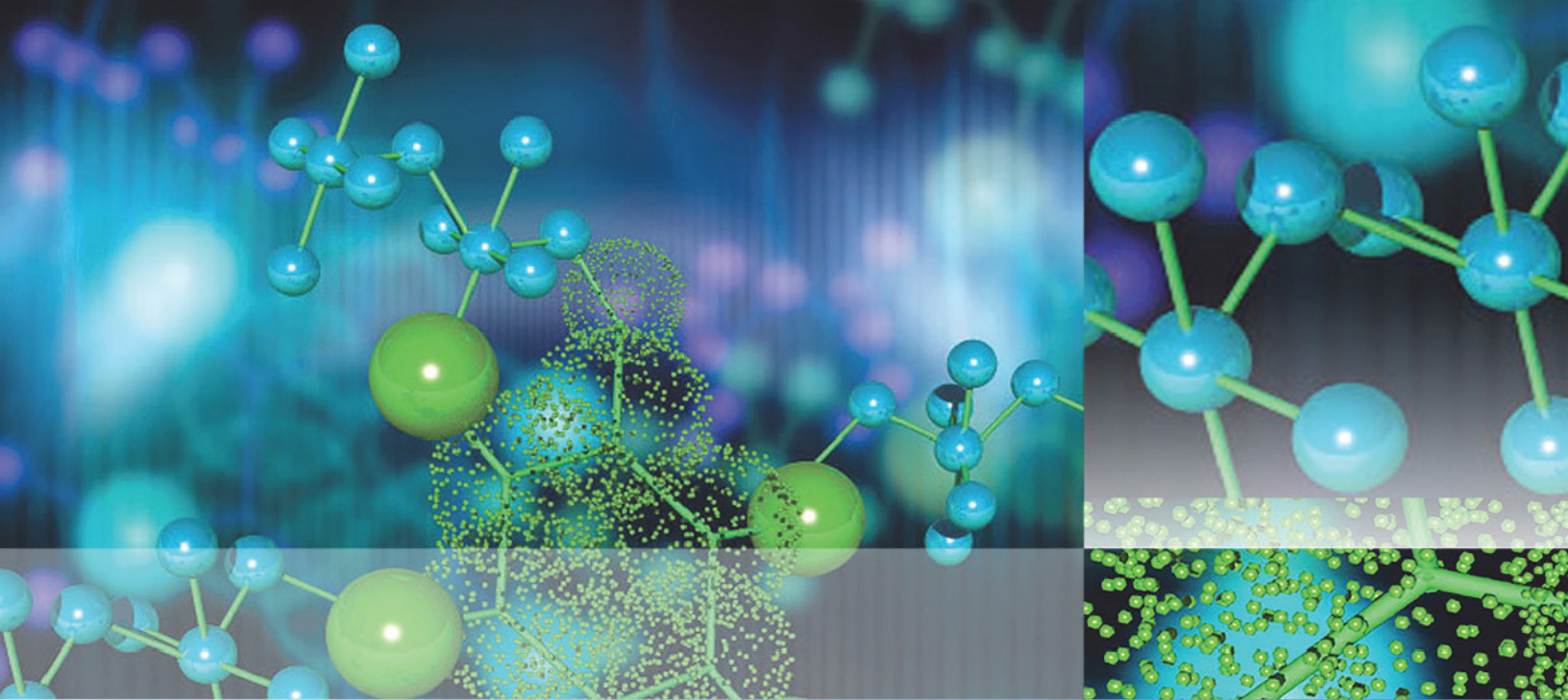
|              | Document Phase | Document Description      | Page |
|--------------|----------------|---------------------------|------|
| AGR260000044 | Final          | GCSM and GC-MS/MS Systems | 3    |

**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

**EXHIBIT A - Pricing Page**  
**Triple Quadrupole GC/MS and Single Quadrupole GC/MS**  
**CRFQ AGR26\*XX**

| Section No.           | Description  | Model #/Brand Name | Quantity | Unit Price         | Extended Amount |
|-----------------------|--|--------------------|----------|--------------------|-----------------|
| 3.3                   | Single Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS) with Robotic Multiple Injection Techniques including Liquid Injection, Static and Dynamic Headspace, Flame Ionization Detector (FID), and Solid Phase Microextraction, workstation, and all required parts/accessories | TSQ9610-VPICI      | 1        |                    | \$ 248,782.66   |
| 3.2                   | Triple Quadrupole Gas Chromatograph Mass Spectrometer (GC/MS/MS) with a Robotic Multiple Injection Techniques, including Liquid Injection, Static and Dynamic Headspace, and Solid Phase Microextraction, workstation, and all required parts/accessories                            | ISQ7610-VPICI      | 1        |                    | \$ 317,683.38   |
| 3.3.6                 | Warranty/Preventative Maintenance Service  |                    | 1        |                    | \$ -            |
| 3.3.7                 | Installation   |                    | 1        |                    | \$ -            |
|                       | Failure to use this form may result in disqualification  |                    |          | <b>GRAND TOTAL</b> | \$ 566,466.04   |
|                       | <b>Bidder / Vendor Information</b>   |                    |          |                    |                 |
| Name:                 | Thermo Electron North America LLC  |                    |          |                    |                 |
| Address:              | 1400 Northpoint Pkwy, Ste 10   |                    |          |                    |                 |
|                       | West Palm Beach, FL 33407  |                    |          |                    |                 |
| Phone:                | 561-688-8721   |                    |          |                    |                 |
| Email Address:        | <a href="mailto:CMDAmericasbids@thermofisher.com">CMDAmericasbids@thermofisher.com</a>   |                    |          |                    |                 |
| Authorized Signature: |  |                    |          |                    |                 |



*Bid Solicitation No: AGR260000044; ISQ7610  
GC-MS single Quad and TSQ 9610 VPI EI CI  
ExtractaBrite GC-MS Triple Quote with TriPlus  
RSH SMART Autosamplers*

CPQ-00882671

June 23, 2026

WV Dept of Agriculture-Dairy

Larry McDonnell

313 Gus R Douglass Lane  
Building 11  
Charleston 25312

Larry McDonnell  
WV Dept of Agriculture-Dairy  
313 Gus R Douglass Lane  
Building 11  
Charleston 25312

June 23, 2026

**Bid Solicitation No: AGR2600000044; ISQ7610 GC-MS single Quad and TSQ 9610  
VPI EI CI ExtractaBrite GC-MS Triple Quote with TriPlus RSH SMART  
Autosamplers**

Ref: Sol No CRFQ 1400 AGR2600000044  
Due Date & Time: 6/24/26 @ 13:30

\*In the event that we are awarded this RFQ, Thermo Electron North America LLC hereby requests to conduct limited negotiations on the Terms and Conditions. This bid submission is subject to Thermo Electron North America LLC expressly reserving the right to negotiate Terms and Conditions and in no way shall submission of this bid constitute acceptance of, or a waiver of any objection to, the Terms and Conditions.

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 3                  |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

## Customer Info:

Customer Name: Larry McDonnell  
Company Name: WV Dept of Agriculture-Dairy  
Address: 313 Gus R Douglass Lane  
Building 11  
Charleston 25312  
Phone: 304-558-2063  
Email: larry.d.mcdonnell@wv.gov

## Sales Contact Info:

Contact Name: Amy Hu  
Phone:  
Email: amy.hu@thermofisher.com

## Bid Solicitation No: AGR2600000044; ISQ7610 GC-MS single Quad and TSQ 9610 VPI EI CI ExtractaBrite GC-MS Triple Quote with TriPlus RSH SMART Autosamplers

| Item | Description   | Unit Price   | Qty | Unit Discount | Total Price  |
|------|---|--------------|-----|---------------|--------------|
| 1.1  | TSQ9610-VPICI<br>Country: SG<br>TSQ 9610 VPI EI CI ExtractaBrite<br>TSQ 9610, ExtractaBrite EI source, NeverVent, CI source   | \$258,900.00 | 1   | \$142,395.00  | \$116,505.00 |
| 1.2  | 120256-UPGR<br>Country: US<br>DRY PUMP KIT nXDS10i 100/240V WORLD MTR<br>Dry Scroll Pump Upgrade Kit XDS5<br><br>Factory upgrade only from oil rotary vane pump.<br><br>For field upgrades use p/n 120256-0001 instead.   | \$7,210.00   | 1   | \$3,028.20    | \$4,181.80   |
| 1.3  | 1R120404-4100<br>Country: US<br>Ion Source Cartridge (Low Activity)<br>Spare ExtractaBrite EI Source Cartridge for any ISQ, TSQ or GC Orbitrap  | \$4,980.00   | 1   | \$1,842.60    | \$3,137.40   |
| 1.4  | MI-148000-0048<br>Country: SG<br>TRACE 1610 MAINFRAME MS 120V SG  | \$17,440.00  | 1   | \$7,324.80    | \$10,115.20  |
| 1.5  | 27605006-KIT<br>Country: SG<br>Hydrogen Carrier Gas Kit for TRACE GC<br>Kit to use Hydrogen gas as carrier on TRACE 1300/1310 and ISQ/ITQ/TSQ.<br><br>Includes Hydrogen Sensor p/n 27605006 and Standard Qualification Column<br><br>TG-SQC L 30 m x ID 0.25 mm x film 0.25 um. | \$8,890.00   | 1   | \$3,733.80    | \$5,156.20   |
| 1.6  | MI-190000-0020<br>Country: CN   | \$11,000.00  | 1   | \$4,620.00    | \$6,380.00   |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 4                  |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

| Item | Description  | Unit Price | Qty | Unit Discount | Total Price |
|------|--|------------|-----|---------------|-------------|
|      | TRACE 1600 PTV W/BKF INJECTOR MODULE<br>TRACE 1610 Instant Connect Programmable Temperature vaporizing with backflush Injector module  |            |     |               |             |
| 1.7  | 26096-1420PTV-BNDL Country: US<br>GC/GCMS PTV ESSENTIALS KIT<br>Injector essentials kit includes:<br><ul style="list-style-type: none"> <li>1 each 26096-1420 TG-5SILMS GC Column 30m x0.25mmx0.25µm</li> <li>5 each 29001318 Liner Sealing Ring for PTV</li> <li>1 each 29013820 Silver Gasket 2pk</li> <li>1 each 290VA191 Vespel Ferrule 0.1-0.25 10pk</li> <li>1 each 29053488 Graphite Ferrule 0.35 ID, foruse with columns with 0.25 ID</li> <li>1 each 453T2845-UI LinerGold PTV Concentric baffle 2x2.75x120mm 5pk</li> <li>1 each 31303233-BP BTO Septa 11mm Diameter50pk (Blister Pack)</li> </ul> | \$1,651.98 | 1   | \$462.55      | \$1,189.43  |
| 1.8  | 19070010 Country: CN<br>TRACE 1300/1600 SSL INJECTOR MODULE<br>TRACE 1300/1600 Split/Splitless Injector module   | \$4,970.00 | 1   | \$1,491.00    | \$3,479.00  |
| 1.9  | 26096-1420SSL-BNDL Country: US<br>GC/GCMS SSL ESSENTIALS KIT<br>SSL Injector Essentials Kit includes:<br>1 each 26096-1420 TG-5SILMS GC Column 30m x0.25mmx0.25µm<br>1 each 290VA191 Vespel Ferrule for the TRACE 1300 Series GC; capillary column 0.1-0.25 mm ID; 10 pk<br>1 each 290GA092 Siltek Treated Inlet Seals for the TRACE 1300 Series GC; 0.8mm; 2 pk<br>1 each 29001320 Liner Sealing Ring for SSL / 5pk<br>1 each 31303233-BP BTO Septa 11mm Diameter50pk (Blister Pack)<br>1 each 453A1925-UI LinerGOLD Splitless Liner, Single Taper, Wool 4x6.5x78.5mm 5pk                                   | \$1,542.11 | 1   | \$462.63      | \$1,079.48  |
| 1.10 | 19050790 Country: US<br>PESTICIDE ANALYZER INSTALLATION KIT TSQ  | \$7,750.00 | 1   | \$3,797.50    | \$3,952.50  |
| 1.11 | 1R76310-0105 Country: US<br>5 fg/uL OFN IN ISO-OCTANE  | \$105.00   | 1   | \$0.00        | \$105.00    |
| 1.12 | 1R76505-0036 Country: GB<br>OIL MIST FILTER w/NW25 ADAPTER/CLAMP<br>Oil Mist Filter with MW25 Adaptor/Clamp  | \$301.56   | 1   | \$96.50       | \$205.06    |
| 1.13 | 1R120540-PERF Country: US<br>TSQ PERFORMANCE SPEC KIT  | \$122.00   | 1   | \$0.00        | \$122.00    |
| 1.14 | 19050720 Country: CN<br>GC/GCMS Start-up Kit TRC1300/1600<br>TRACE 1300/1610 GC/GCMS Start-up kit  | \$1,220.00 | 1   | \$512.40      | \$707.60    |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 5                  |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

| Item | Description   | Unit Price                | Qty | Unit Discount | Total Price |
|------|---|---------------------------|-----|---------------|-------------|
| 1.15 | 1R120560-0020<br>Ion Gauge Option for ISQ and TSQ series<br>Ion Gauge Option for TSQ 8000/TSQ9000 | Country: SG<br>\$3,960.00 | 1   | \$1,663.20    | \$2,296.80  |
| 1.16 | 00825-01-00111<br>Ethernet,HUB,5 PORT,1GBIT,RoHS  | Country: CN<br>\$378.00   | 1   | \$158.76      | \$219.24    |
| 1.17 | 00012-01-00039<br>PWR SPLY,DSKTP,12V,1.5A,18W,2.1mmID,RoHS  | Country: TW<br>\$121.00   | 1   | \$50.82       | \$70.18     |
| 1.18 | 702-024403<br>3 DAYS GC/GCMS ONSITE SUPPORT   | Country:<br>\$9,320.00    | 1   | \$4,566.80    | \$4,753.20  |
| 1.19 | 1R96000-98071<br>PWR CORD C19 TYPE5-20 125V MAX   | Country: TW<br>\$88.80    | 2   | \$88.80       | \$0.00      |

**GC-MS Triple Quad Instrument and Accessories Subtotal: \$340,039.25**

**GC-MS Triple Quad Instrument and Accessories Discount - \$176,384.17**

**GC-MS Triple Quad Instrument and Accessories Total \$163,655.08**

|      |   |                            |   |            |             |
|------|---|----------------------------|---|------------|-------------|
| 1.25 | 1R77010-2004<br>TriPlus RSH SMART Advanced liquid ext.<br>TriPlus™ RSH SMART Advanced Liquid Autosampler, Extended Rail   | Country: CH<br>\$31,400.00 | 2 | \$6,908.00 | \$48,984.00 |
| 1.26 | 1R77010-1195<br>RSH SMART Headspace upgrade kit TriPlus<br>Headspace upgrade Kit for TriPlus RSH SMART liquid configuration. Includes one Headspace tool, two High Temperature 2.5 mL Gas Tight SMART syringes, one tray holder, one vial tray R60, one Incubator/Agitator. | Country: CH<br>\$14,600.00 | 2 | \$3,212.00 | \$22,776.00 |
| 1.27 | 1R77010-1066<br>RSH TRACE 1300/1600 MOUNTING LEG  | Country: CH<br>\$409.00    | 2 | \$89.98    | \$638.04    |
| 1.28 | 1R77010-1006<br>RSH TRACE 1300/1600 INJECTOR ADAPTER KIT<br>Adapters for Trace 1300/1310 injectors: one adapter suitable for SSL or PTV injector  | Country: CH<br>\$94.40     | 2 | \$20.77    | \$147.26    |
| 1.29 | 1R77010-1019<br>RSH AUTOMATIC TOOL CHANGE STATION.<br>Automatic Tool Change Station for the storage and automatic changing of up to three syringe tools   | Country: CH<br>\$5,400.00  | 2 | \$1,188.00 | \$8,424.00  |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 6                  |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

| Item | Description   | Unit Price                 | Qty | Unit Discount | Total Price |
|------|---|----------------------------|-----|---------------|-------------|
| 1.30 | 1R77010-1038<br>RSH Hand-held terminal<br>Handheld controller for TriPlus RSH - Displays sampler status and facilitates setup and maintenance                         | Country: CH<br>\$3,730.00  | 1   | \$820.60      | \$2,909.40  |
| 1.31 | 1R77010-1200<br>TriPlus RSH Sampling Workflow Editor SW   | Country: CH<br>\$4,250.00  | 1   | \$935.00      | \$3,315.00  |
| 1.32 | 1R77010-1125<br>RSH ITEX Tool   | Country: CH<br>\$8,660.00  | 2   | \$1,905.20    | \$13,509.60 |
| 1.33 | 1R77010-1100<br>RSH SPME SYRINGE FIBER TOOL<br>SPME syringe fiber tool for world wide distribution except USA. Includes and assortment of 4 fibers and fibers holder. | Country: CH<br>\$10,100.00 | 2   | \$2,222.00    | \$15,756.00 |
| 1.34 | 1R77010-1153<br>RSH SPME Arrow Fiber Cond Station   | Country: CH<br>\$7,230.00  | 2   | \$1,590.60    | \$11,278.80 |
| 1.35 | 1R77010-1068<br>RSH Agitator adapter for 10 mL Vials<br>Set of six adapters for the Agitator. These adapters are needed to place 10ml vials inside the agitator.      | Country: CH<br>\$795.00    | 2   | \$174.90      | \$1,240.20  |
| 1.36 | 1R77010-1067<br>RSH Agitator adapter for 2 mL Vials<br>Set of six adapters for the Agitator. These adapters are needed to place 2ml vials inside the agitator.        | Country: CH<br>\$1,650.00  | 2   | \$363.00      | \$2,574.00  |
| 1.37 | B51005299<br>TriPlus RSH Cooled Tray Module   | Country: CH<br>\$11,500.00 | 2   | \$2,530.00    | \$17,940.00 |
| 1.38 | B51005301<br>Adapter, RSH Cooled Tray for 2mL vials   | Country: CH<br>\$175.00    | 2   | \$38.50       | \$273.00    |
| 1.39 | B51005300<br>Adapter, RSH Cooled Tray for 10mL vials  | Country: CH<br>\$175.00    | 2   | \$38.50       | \$273.00    |
| 1.40 | 1R77010-1193<br>TriPlus RSH Centrifuge Combi  | Country: CH<br>\$26,400.00 | 2   | \$5,808.00    | \$41,184.00 |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 7                  |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

| Item  | Description  | Unit Price                  | Qty | Unit Discount | Total Price |
|---|--|-----------------------------|-----|---------------|-------------|
| 1.41  | 1R96000-98072<br>PWR CORD C13 TYPE B 125V MAX  | Country: HK<br>\$0.01       | 7   | \$0.00        | \$0.07      |
| <b>TriPlus RSH SMART Autosampler - One for each GC-MS system Subtotal: \$245,156.87</b><br><b>TriPlus RSH SMART Autosampler - One for each GC-MS system Discount - \$53,934.50</b><br><b>TriPlus RSH SMART Autosampler - One for each GC-MS system Total \$191,222.37</b> |  |                             |     |               |             |
| 1.20  | 7450.0104A<br>CHROMELEON (CX) LICENSE CODE: NEW  | Country: DE<br>\$0.01       | 2   | \$0.00        | \$0.02      |
| 1.21  | 7100.0108<br>CHROMELEON SINGLE EDITION (SE)<br>Chromeleon 7.2/7.3 Single Edition (SE)  | Country: US<br>\$5,550.00   | 2   | \$1,942.50    | \$7,215.00  |
| 1.22  | 7000.0020<br>SPECTRAL LICENSE (3D/MS)<br>Chromeleon 7 - Spectral License (3D/MS). Required for the control of MS (ISQ, TSQ, Orbitrap Exploris GC 240 MS)   | Country: DE<br>\$5,650.00   | 2   | \$1,977.50    | \$7,345.00  |
| 1.23  | B51002722<br>Wiley Registry 2023/NIST 2023 MS Library  | Country: US<br>\$8,670.00   | 2   | \$2,601.00    | \$12,138.00 |
| 1.24  | B51002705<br>MS Library Drugs, Poisons, Pests 6th Ed   | Country: US<br>\$17,800.00  | 2   | \$5,162.00    | \$25,276.00 |
| <b>Software and Libraries for both Instruments (PC Included) Subtotal: \$75,340.02</b><br><b>Software and Libraries for both Instruments (PC Included) Discount - \$23,366.00</b><br><b>Software and Libraries for both Instruments (PC Included) Total \$51,974.02</b>   |  |                             |     |               |             |
| 2.1   | ISQ7610-VPICI<br>ISQ 7610 VPI ExtractaBrite with CI<br>ISQ 7610, ExtractaBrite EI source, NeverVent, CI source   | Country: SG<br>\$119,600.00 | 1   | \$65,780.00   | \$53,820.00 |
| 2.2   | 120256-UPGR<br>DRY PUMP KIT nXDS10i 100/240V WORLD MTR<br>Dry Scroll Pump Upgrade Kit XDS5<br><br>Factory upgrade only from oil rotary vane pump.<br><br>For field upgrades use p/n 120256-0001 instead. | Country: US<br>\$7,210.00   | 1   | \$3,028.20    | \$4,181.80  |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 8                  |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

| Item | Description  | Unit Price                 | Qty | Unit Discount | Total Price |
|------|--|----------------------------|-----|---------------|-------------|
| 2.3  | 1R120404-4100<br>Ion Source Cartridge (Low Activity)<br>Spare ExtractaBrite EI Source Cartridge for any ISQ, TSQ or GC Orbitrap  | Country: US<br>\$4,980.00  | 1   | \$1,842.60    | \$3,137.40  |
| 2.4  | MI-148000-0048<br>TRACE 1610 MAINFRAME MS 120V SG  | Country: SG<br>\$17,440.00 | 1   | \$7,324.80    | \$10,115.20 |
| 2.5  | 27605006-KIT<br>Hydrogen Carrier Gas Kit for TRACE GC<br>Kit to use Hydrogen gas as carrier on TRACE 1300/1310 and ISQ/ITQ/TSQ.<br>Includes Hydrogen Sensor p/n 27605006 and Standard Qualification Column<br>TG-SQC L 30 m x ID 0.25 mm x film 0.25 um.   | Country: SG<br>\$8,890.00  | 1   | \$3,733.80    | \$5,156.20  |
| 2.6  | 19070001<br>TRACE 1300/1600 FID MODULE<br>Instant Connect FID module for TRACE 1300/1600 Series GC   | Country: CN<br>\$5,440.00  | 1   | \$2,284.80    | \$3,155.20  |
| 2.7  | 33819020<br>FID TEST MIX   | Country: CN<br>\$92.40     | 1   | \$29.57       | \$62.83     |
| 2.8  | 260E113P<br>TRACE GC TR-5 COLUMN, 0.32 x 0.25 x 7"   | Country: AU<br>\$177.52    | 1   | \$53.26       | \$124.26    |
| 2.9  | MI-190000-0020<br>TRACE 1600 PTV W/BKF INJECTOR MODULE<br>TRACE 1610 Instant Connect Programmable Temperature vaporizing with backflush<br>Injector module   | Country: CN<br>\$11,000.00 | 1   | \$4,620.00    | \$6,380.00  |
| 2.10 | 26096-1420PTV-BNDL<br>GC/GCMS PTV ESSENTIALS KIT<br>Injector essentials kit includes:<br><ul style="list-style-type: none"> <li>• 1 each 26096-1420 TG-5SILMS GC Column 30m x0.25mmx0.25µm</li> <li>• 5 each 29001318 Liner Sealing Ring for PTV</li> <li>• 1 each 29013820 Silver Gasket 2pk</li> <li>• 1 each 290VA191 Vespel Ferrule 0.1-0.25 10pk</li> <li>• 1 each 29053488 Graphite Ferrule 0.35 ID, foruse with columns with 0.25 ID</li> </ul> | Country: US<br>\$1,651.98  | 1   | \$462.55      | \$1,189.43  |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 9                  |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

| Item | Description  | Unit Price                | Qty | Unit Discount | Total Price |
|------|--|---------------------------|-----|---------------|-------------|
| 2.11 | 19070010<br>TRACE 1300/1600 SSL INJECTOR MODULE<br>TRACE 1300/1600 Split/Splitless Injector module   | Country: CN<br>\$4,970.00 | 1   | \$2,087.40    | \$2,882.60  |
| 2.12 | 26096-1420SSL-BNDL<br>GC/GCMS SSL ESSENTIALS KIT<br>SSL Injector Essentials Kit includes:<br>1 each 26096-1420 TG-5SILMS GC Column 30m x0.25mmx0.25µm<br>1 each 290VA191 Vespel Ferrule for the TRACE 1300 Series GC; capillary column 0.1-0.25 mm ID; 10 pk<br>1 each 290GA092 Siltek Treated Inlet Seals for the TRACE 1300 Series GC; 0.8mm; 2 pk<br>1 each 29001320 Liner Sealing Ring for SSL / 5pk<br>1 each 31303233-BP BTO Septa 11mm Diameter50pk (Blister Pack)<br>1 each 453A1925-UI LinerGOLD Splitless Liner, Single Taper, Wool 4x6.5x78.5mm 5pk | Country: US<br>\$1,542.11 | 1   | \$462.63      | \$1,079.48  |
| 2.13 | 1R120150-PERF<br>ISQ PERFORMANCE SPEC KIT  | Country: US<br>\$122.00   | 1   | \$0.00        | \$122.00    |
| 2.14 | 1R76505-0036<br>OIL MIST FILTER w/NW25 ADAPTER/CLAMP<br>Oil Mist Filter with MW25 Adaptor/Clamp  | Country: GB<br>\$301.56   | 1   | \$96.50       | \$205.06    |
| 2.15 | 19050720<br>GC/GCMS Start-up Kit TRC1300/1600<br>TRACE 1300/1610 GC/GCMS Start-up kit  | Country: CN<br>\$1,220.00 | 1   | \$0.00        | \$1,220.00  |
| 2.16 | 1R120560-0020<br>Ion Gauge Option for ISQ and TSQ series<br>Ion Gauge Option for TSQ 8000/TSQ9000  | Country: SG<br>\$3,960.00 | 1   | \$1,663.20    | \$2,296.80  |
| 2.17 | 00825-01-00111<br>Ethernet,HUB,5 PORT,1GBIT,RoHS   | Country: CN<br>\$378.00   | 1   | \$158.76      | \$219.24    |
| 2.18 | 00012-01-00039<br>PWR SPLY,DSKTP,12V,1.5A,18W,2.1mmID,RoHS   | Country: TW<br>\$121.00   | 1   | \$50.82       | \$70.18     |
| 2.19 | 702-024403   | Country:<br>\$9,320.00    | 1   | \$4,473.60    | \$4,846.40  |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 10                 |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

| Item | Description                                     | Unit Price             | Qty | Unit Discount | Total Price |
|------|---|------------------------|-----|---------------|-------------|
|      | 3 DAYS GC/GCMS ONSITE SUPPORT                   |                        |     |               |             |
| 2.20 | 1R96000-98072<br>PWR CORD C13 TYPE B 125V MAX   | Country: HK<br>\$0.01  | 1   | \$0.00        | \$0.01      |
| 2.21 | 1R96000-98071<br>PWR CORD C19 TYPE5-20 125V MAX | Country: TW<br>\$88.80 | 2   | \$88.80       | \$0.00      |

**GC-MS Single Quad Instrument and Accessories Subtotal: \$198,594.18**

**GC-MS Single Quad Instrument and Accessories Discount - \$98,330.09**

**GC-MS Single Quad Instrument and Accessories Total \$100,264.09**

| Item | Description   | Unit Price                 | Qty | Unit Discount | Total Price |
|------|---|----------------------------|-----|---------------|-------------|
| 3.0  | C0202-99-00180<br>PowerVar PDU 2x IEC60309 (20A), 8x 5-15R<br><br>- This PDU (Power Distribution Unit) for the Powervar UPS and power conditioner systems acts as a "power strip" with numerous plug receptacles. The L14-30R (receptacle on UPS or power conditioner) mates with the PDU's 10' long power cord and L14-30P (plug). These receptacles allow the user to plug in all the power cords for both 120V and 230V components that belong to their LCMS system in one place and keep them protected from power surges and short power failures, "brown-outs", of their facility power.<br><br>- Each PDU can be matched up with any of the LSMS Powervar Security Plus II UPS or power conditioner systems. The differences in the PDUs that are offered relate to the combination of receptacles that each of our MS systems require.<br><br>- This PDU is designed for use with the Q-Exactive product line of MS systems and contains the following receptacles:<br><br>• 2x IEC 60309 rated at 20A (230V)<br><br>• 8x 5-15R rated at 15A (120V) | Country: US<br>\$1,620.00  | 2   | \$534.60      | \$2,170.80  |
| 4.0  | 00012-01-00045<br>UPS, 6.0kVA, POWERVAR 22060-83R, RoHS   | Country: US<br>\$16,100.00 | 2   | \$4,669.00    | \$22,862.00 |
| 5.0  | 071661  | Country: US<br>\$979.00    | 1   | \$264.33      | \$714.67    |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 11                 |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
 5225 Verona Road  
 Madison WI 53711

1400 Northpoint Parkway  
 West Palm Beach FL 33407

| Item | Description       | Unit Price | Qty | Unit Discount | Total Price |
|------|-------------------|------------|-----|---------------|-------------|
|      | PRINTER, LASERJET |            |     |               |             |

**Additional Items Subtotal: \$36,419.00**  
**Additional Items Discount - \$10,671.53**  
**Additional Items Total \$25,747.47**

**Quote Subtotal: \$895,549.32**  
**Promotions / Discounts: - \$362,686.28**  
**Quote total less discounts: \$532,863.04**

---

**Shipping: \$33,603.00**  
**Quotation Totals: \$566,466.04**

Sales tax exemption/resale certificates or direct pay permits must be provided with the order documents, if applicable. If valid sales tax exemption documentation is not provided, buyer shall pay all applicable federal, state and local taxes in addition to the price stated on this quotation.

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 12                 |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

## Options / Recommendations

| Item | Description  | Unit Price                 | Qty | Unit Discount | Total Price |
|------|--|----------------------------|-----|---------------|-------------|
| 1.42 | 701-059970<br>Extended Warranty-TSQ 9610<br>Extended Warranty - TSQ 9610 (includes a GC)<br><br><ul style="list-style-type: none"> <li>On-site corrective maintenance visits including required factory certified replacement parts, labor, and travel with a target of three (3) business day on-site response time</li> <li>Annual standard Preventive Maintenance visit and a standard Preventive Maintenance Kit</li> <li>Priority status for technical support telephone inquiries</li> <li>10% discount on spare parts (not covered by corrective maintenance), accessories and consumables</li> </ul>                   | Country: US<br>\$17,327.00 | 1   | \$3,985.21    | \$13,341.79 |
| 1.43 | 701-061812<br>Extended Warranty - Trace1600/1610 MS<br><br><ul style="list-style-type: none"> <li>On-site corrective maintenance visits including required factory certified replacement parts, labor, and travel with a target of three (3) business day on-site response time</li> <li>Annual standard Preventive Maintenance visit and a standard Preventive Maintenance Kit</li> <li>Priority status for technical support telephone inquiries</li> <li>10% discount on spare parts (not covered by corrective maintenance), accessories and consumables</li> </ul>  | Country: US<br>\$0.01      | 1   | \$0.00        | \$0.01      |
| 1.44 | 701-059061<br>Ext War-TriPlus RSH SMART Adv Lq Ext<br>Extended Warranty - TriPlus RSH SMART Advanced Liquid Extended<br><br><ul style="list-style-type: none"> <li>On-site corrective maintenance visits including required factory certified replacement parts, labor and travel with a target of three (3) business day on-site response time</li> <li>Annual Preventive Maintenance visit and a standard Preventive Maintenance Kit</li> <li>Priority status for technical support telephone inquires</li> <li>10% Loyalty discount on parts, accessories, and consumables (may not be available in all regions)</li> </ul> | Country: US<br>\$3,562.00  | 2   | \$819.26      | \$5,485.48  |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 13                 |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
 5225 Verona Road  
 Madison WI 53711

1400 Northpoint Parkway  
 West Palm Beach FL 33407

| Item | Description   | Unit Price                | Qty | Unit Discount | Total Price |
|------|---|---------------------------|-----|---------------|-------------|
| 1.45 | 701-061014<br>Standard Options-Headspace upgrade kit  | Country: US<br>\$435.00   | 2   | \$100.05      | \$669.90    |
| 1.46 | 701-059139<br>Std Opts Plan-TriPlus RSH SMART Centrifg<br>Standard Options Plan - TriPlus RSH SMART Centrifuge Option   | Country: US<br>\$2,300.00 | 2   | \$529.00      | \$3,542.00  |
|      | <ul style="list-style-type: none"> <li>• On-site corrective maintenance visits including required factory certified replacement parts, labor and travel with a target of three (3) business day on-site response time</li> <li>• Priority status for technical support telephone inquires</li> <li>• 10% Loyalty discount on parts, accessories, and consumables (may not be available in all regions)</li> </ul> |                           |     |               |             |
| 1.47 | 701-058707<br>Std Options Plan-TP RSH SPME Cond Stat<br>Standard Options Service Plan - TriPlus RSH SPME Conditioning Station   | Country: US<br>\$1,479.00 | 2   | \$340.17      | \$2,277.66  |
|      | <ul style="list-style-type: none"> <li>• On-site corrective maintenance visits including required factory certified replacement parts, labor and travel with a target of three (3) business day on-site response time</li> <li>• Priority status for technical support telephone inquires</li> <li>• 10% Loyalty discount on parts, accessories, and consumables (may not be available in all regions)</li> </ul> |                           |     |               |             |
| 1.48 | 701-058706<br>Std Options Plan-TP RSH ITEX/DHS Tool<br>Standard Options Service Plan - TriPlus RSH ITEX/DHS Tool  | Country: US<br>\$1,369.00 | 2   | \$314.87      | \$2,108.26  |
|      | <ul style="list-style-type: none"> <li>• On-site corrective maintenance visits including required factory certified replacement parts, labor and travel with a target of three (3) business day on-site response time</li> <li>• Priority status for technical support telephone inquires</li> <li>• 10% Loyalty discount on parts, accessories, and consumables (may not be available in all regions)</li> </ul> |                           |     |               |             |
| 1.49 | 701-745900<br>Std Options Plan-TP RSH SPME Tool<br>Standard Options Service Plan - TriPlus RSH SPME Tool  | Country: US<br>\$1,268.00 | 2   | \$291.64      | \$1,952.72  |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 14                 |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
5225 Verona Road  
Madison WI 53711

1400 Northpoint Parkway  
West Palm Beach FL 33407

| Item | Description  | Unit Price  | Qty | Unit Discount | Total Price |
|------|--|-------------|-----|---------------|-------------|
|      | <ul style="list-style-type: none"> <li>On-site corrective maintenance visits including required factory certified replacement parts, labor and travel with a target of three (3) business day on-site response time</li> <li>Priority status for technical support telephone inquires</li> <li>10% Loyalty discount on parts, accessories, and consumables (may not be available in all regions)</li> </ul>  |             |     |               |             |
| 1.50 | 701-058709 Country: US<br>Std Options Plan-TP RSH Tool Chng Statn<br>Standard Options Service Plan - TriPlus RSH Auto Tool Changing Station<br><ul style="list-style-type: none"> <li>On-site corrective maintenance visits including required factory certified replacement parts, labor and travel with a target of three (3) business day on-site response time</li> <li>Priority status for technical support telephone inquires</li> <li>10% Loyalty discount on parts, accessories, and consumables (may not be available in all regions)</li> </ul>   | \$921.00    | 2   | \$211.83      | \$1,418.34  |
| 1.51 | 701-935400 Country: US<br>Std Options Plan-Trace13x0/16x0 inj<br>Standard Options Plan - Injector Trace 1300/1310<br><ul style="list-style-type: none"> <li>On-site corrective maintenance visits including required factory certified replacement parts, labor, and travel with a target of three (3) business day on-site response time</li> <li>Priority status for technical support telephone inquiries</li> <li>10% discount on spare parts (not covered by corrective maintenance), accessories and consumables</li> </ul>  | \$0.01      | 2   | \$0.00        | \$0.02      |
| 2.22 | 701-059961 Country: US<br>Extended Warranty - ISQ 7610<br>Extended Warranty - ISQ 7610 (includes a GC)<br><ul style="list-style-type: none"> <li>On-site corrective maintenance visits including required factory certified replacement parts, labor, and travel with a target of three (3) business day on-site response time</li> <li>Annual standard Preventive Maintenance visit and a standard Preventive Maintenance Kit</li> <li>Priority status for technical support telephone inquiries</li> <li>10% discount on spare parts (not covered by corrective maintenance), accessories and consumables</li> </ul> | \$12,517.00 | 1   | \$2,878.91    | \$9,638.09  |

# Sales Quotation

| Quote Number                                       | Version                       | Quotation Date     | Page               |
|--|-------------------------------|--------------------|--------------------|
| CPQ-00882671                                       | 1.01                          | June 23, 2026      | 15                 |
| Lead Time  | Payment Terms                 | Freight Terms      | Expiration Date    |
| 8-10 weeks   | NET 30 DAYS UPON INVOICE DATE | DEST. PREPAY & ADD | September 16, 2026 |
| Company Name                                       |                               | Customer Name      |                    |
| WV Dept of Agriculture-Dairy                       |                               | Larry McDonnell    |                    |
| * See end pages of quote for PO Submission details |                               |                    |                    |

Thermo Electron North America LLC  
 5225 Verona Road  
 Madison WI 53711  
  
 1400 Northpoint Parkway  
 West Palm Beach FL 33407

| Item | Description  | Unit Price | Qty | Unit Discount | Total Price |
|------|--|------------|-----|---------------|-------------|
| 2.23 | 701-061812<br>Country: US<br>Extended Warranty - Trace1600/1610 MS<br><br><ul style="list-style-type: none"> <li>• On-site corrective maintenance visits including required factory certified replacement parts, labor, and travel with a target of three (3) business day on-site response time</li> <li>• Annual standard Preventive Maintenance visit and a standard Preventive Maintenance Kit</li> <li>• Priority status for technical support telephone inquiries</li> <li>• 10% discount on spare parts (not covered by corrective maintenance), accessories and consumables</li> </ul> | \$0.01     | 1   | \$0.00        | \$0.01      |
| 2.24 | 701-056981<br>Country: US<br>Std Options Plan-Trace13x0/16x0 det<br>Standard Options Plan - Detector Trace 1300/1310<br><br><ul style="list-style-type: none"> <li>• On-site corrective maintenance visits including required factory certified replacement parts, labor, and travel with a target of three (3) business day on-site response time</li> <li>• Priority status for technical support telephone inquiries</li> <li>• 10% discount on spare parts (not covered by corrective maintenance), accessories and consumables</li> </ul>   | \$0.01     | 1   | \$0.00        | \$0.01      |
| 2.25 | 701-935400<br>Country: US<br>Std Options Plan-Trace13x0/16x0 inj<br>Standard Options Plan - Injector Trace 1300/1310<br><br><ul style="list-style-type: none"> <li>• On-site corrective maintenance visits including required factory certified replacement parts, labor, and travel with a target of three (3) business day on-site response time</li> <li>• Priority status for technical support telephone inquiries</li> <li>• 10% discount on spare parts (not covered by corrective maintenance), accessories and consumables</li> </ul>   | \$0.01     | 2   | \$0.00        | \$0.02      |

**Options Total: \$40,434.31**

## Purchase Order - Submission Details

| Quote Number       | Version                       | Quotation Date  | Page               |
|--------------------|-------------------------------|-----------------|--------------------|
| CPQ-00882671       | 1.01                          | June 23, 2026   | 16                 |
| Lead Time          | Payment Terms                 |                 | Expiration Date    |
| 8-10 weeks         | NET 30 DAYS UPON INVOICE DATE |                 | September 16, 2026 |
| Inco Terms 1       | Inco Terms 2                  | Shipping Method |                    |
| DEST. PREPAY & ADD |                               | Fed Ex Ground   |                    |
| See below          |                               |                 |                    |

Thermo Electron North America LLC  
 5225 Verona Road  
 Madison WI 53711

1400 Northpoint Parkway  
 West Palm Beach FL 33407

**To place your order and expedite shipment, please 1) sign and date the last page of this document; and 2) fax or e-mail it along with your Purchase Order to one of the addresses below.**

Please note-all Purchase Orders must show the vendor name of Thermo Electron North America LLC

Thermo Electron North America LLC  
 5225 Verona Road  
 Madison WI 53711

Thermo Electron North America LLC  
 or  
 1400 Northpoint Parkway  
 West Palm Beach FL 33407

**Complete System Orders:**

Fax: 412-200-6542

e-mail: [usmadorderprocessing@thermofisher.com](mailto:usmadorderprocessing@thermofisher.com)

**Parts or Service Orders:**

Fax: 877-680-2565

e-mail: [USMAD.ServiceOE.PO@thermofisher.com](mailto:USMAD.ServiceOE.PO@thermofisher.com)

Notes:

- Items marked with an asterisk (\*) on the face of the quotation are non-Thermo Electron North America LLC products.
- Prices, warranty, installation and service on the items quoted herein are available only in the United States and may not be otherwise assigned.
- Tax exemption certificates or direct pay permits must be provided with the order documents, if applicable. If tax exemption documentation is not provided, buyer shall pay federal, state and local taxes in addition to the price stated on this quotation.
- Buyer shall not export or re-export technical data or products supplied by Thermo Electron North America LLC in violation of applicable export regulation. Buyer who exports products purchased hereunder assumes all responsibility for obtaining required export documentation, authorization, and payment of all applicable fees.
- All prices are quoted in USD

\*In the event that we are awarded this RFQ, Thermo Electron North America LLC hereby requests to conduct limited negotiations on the Terms and Conditions. This bid submission is subject to Thermo Electron North America LLC expressly reserving the right to negotiate Terms and Conditions and in no way shall submission of this bid constitute acceptance of, or a waiver of any objection to, the Terms and Conditions.

# Purchase Order - Submission Details

| Quote Number       | Version                       | Quotation Date  | Page               |
|--------------------|-------------------------------|-----------------|--------------------|
| CPQ-00882671       | 1.01                          | June 23, 2026   | 17                 |
| Lead Time          | Payment Terms                 |                 | Expiration Date    |
| 8-10 weeks         | NET 30 DAYS UPON INVOICE DATE |                 | September 16, 2026 |
| Inco Terms 1       | Inco Terms 2                  | Shipping Method |                    |
| DEST. PREPAY & ADD |                               | Fed Ex Ground   |                    |
| See below          |                               |                 |                    |

Thermo Electron North America LLC  
 5225 Verona Road  
 Madison WI 53711  
  
 1400 Northpoint Parkway  
 West Palm Beach FL 33407

## TERMS AND CONDITIONS OF SALE FOR PRODUCTS AND SERVICES

This quotation, and Seller's Terms and Conditions of Sale for Products and Services (which are hereby incorporated by reference into this quotation and any resulting contract), set out the terms on which Seller is offering to sell the product(s) and/or service(s) listed in this quotation. By issuing a purchase order or otherwise ordering or accepting product(s) and/or services, Buyer expressly confirms that it agrees to be bound by and agrees to the terms of this quotation and the Terms and Conditions of Sale for Products and Services to the exclusion of all other terms not expressly agreed to in writing by an authorized representative of Seller, and that the purchase and sale transaction between Buyer and Seller is governed by this quotation and Terms and Conditions of Sale for Products and Services. Any new or different provisions contained in any document issued by Buyer in response to this offer are expressly rejected. Seller's Terms and Conditions of Sale for Products and Services can be found on the Thermo Fisher Scientific website at [www.thermofisher.com/terms-tena](http://www.thermofisher.com/terms-tena) and will be sent to Buyer via mail or e-mail upon request. The Terms and Conditions of Sale for Products and Services are subject to change by Seller, from time to time.

As an Authorized representative of the Buyer, your signature below creates an agreement to buy the products and services listed herein and your acceptance of the Seller's Standard Terms and Conditions of Sale included herein as the sole and exclusive terms for your purchase.

BUYER

SELLER

|                    |                    |
|--------------------|--------------------|
| By: _____          | By: _____          |
| Print Name: _____  | Print Name: _____  |
| Print Title: _____ | Print Title: _____ |
| Date: _____        | Date: _____        |

\_\_\_\_\_ Initial here to indicate Buyer's agreement to automatically apply Seller's Standard Terms and Conditions of Sale for Products and Services to all future orders of Products and Services from Seller, whether or not the Agreement is referenced on Seller's quote or Buyer's Purchase Orders, for \_\_\_\_\_ (write # of years) from later date of the parties' signature, or until either party provides written notice that this Agreement is terminated.



# CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
06/22/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|  |  |  |               |
|--|--|--|---------------|
| <b>PRODUCER</b><br>Aon Risk Services Northeast, Inc.<br>Boston MA Office<br>53 State Street<br>Suite 2201<br>Boston MA 02109 USA                           | <b>CONTACT NAME:</b><br>PHONE (A/C. No. Ext): (866) 283-7122      FAX (A/C. No.): (800) 363-0105 |  |               |
|  | <b>E-MAIL ADDRESS:</b>   |  |               |
| <b>INSURED</b><br>Thermo Electron North America LLC@<br>Thermo Fisher Scientific Inc.<br>1400 Northpoint Parkway, Suite 50<br>West Palm Beach FL 33407 USA | <b>INSURER(S) AFFORDING COVERAGE</b>   |  | <b>NAIC #</b> |
|  | INSURER A: Travelers Property Cas Co of America  |  | 25674         |
|  | INSURER B: ACE Property & Casualty Insurance Co.   |  | 20699         |
|  | INSURER C: ACE American Insurance Company  |  | 22667         |
|  | INSURER D: ProAssurance Specialty Insurance Company  |  | 17400         |
|  | INSURER E:   |  |               |
| INSURER F:   |  |  |               |

**COVERAGES**      **CERTIFICATE NUMBER:** 570121046324      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR |   | TYPE OF INSURANCE   | ADDL INSD | SUBR WVD | POLICY NUMBER  | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS   |              |
|----------|---|---|-----------|----------|--|-------------------------|-------------------------|--|--------------|
| C        | X | <b>COMMERCIAL GENERAL LIABILITY</b><br><br>CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC<br>OTHER: |           |          | G71815067006<br>SIR applies per policy terms & conditions                              | 07/01/2025              | 07/01/2026              | EACH OCCURRENCE  | \$2,000,000  |
|          |   |   |           |          |  |                         |                         | DAMAGE TO RENTED PREMISES (Ea occurrence)                                      | \$1,000,000  |
|          |   |   |           |          |  |                         |                         | MED EXP (Any one person)   | \$10,000     |
|          |   |   |           |          |  |                         |                         | PERSONAL & ADV INJURY  | \$2,000,000  |
|          |   |   |           |          |  |                         |                         | GENERAL AGGREGATE  | \$4,000,000  |
|          |   |   |           |          |  |                         |                         | PRODUCTS - COMP/OP AGG   | Excluded     |
| A        |   | <b>AUTOMOBILE LIABILITY</b><br><br><input checked="" type="checkbox"/> ANY AUTO<br><input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY  |           |          | TC2JCAP-7439L260-TIL-25  | 07/01/2025              | 07/01/2026              | COMBINED SINGLE LIMIT (Ea accident)  | \$2,000,000  |
|          |   |   |           |          |  |                         |                         | BODILY INJURY (Per person)   |              |
|          |   |   |           |          |  |                         |                         | BODILY INJURY (Per accident)   |              |
|          |   |   |           |          |  |                         |                         | PROPERTY DAMAGE (Per accident)   |              |
| B        | X | <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR<br><b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE<br>DED <input checked="" type="checkbox"/> RETENTION \$25,000   |           |          | XEUG71815080006  | 07/01/2025              | 07/01/2026              | EACH OCCURRENCE  | \$10,000,000 |
|          |   |   |           |          |  |                         |                         | AGGREGATE  | \$10,000,000 |
| A        |   | <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b><br><small>ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED?</small><br>(Mandatory in NH)<br><small>If yes, describe under DESCRIPTION OF OPERATIONS below</small>                                | Y/N<br>N  | N/A      | UB5P0275212551K  | 07/01/2025              | 07/01/2026              | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER |              |
|          |   |   |           |          |  |                         |                         | E.L. EACH ACCIDENT   | \$1,000,000  |
|          |   |   |           |          |  |                         |                         | E.L. DISEASE-EA EMPLOYEE   | \$1,000,000  |
|          |   |   |           |          |  |                         |                         | E.L. DISEASE-POLICY LIMIT  | \$1,000,000  |
| C        |   | <b>Products Liability</b>   |           |          | G72530494005<br>Completed Ops-Claims Made<br>SIR applies per policy terms & conditions | 07/01/2025              | 07/01/2026              | Aggregate Limit  | \$5,000,000  |
|          |   |   |           |          |  |                         |                         | Each Claim   | \$5,000,000  |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: State of WV Sol No CRFQ 1400 AGR2600000044, GCSM and GC-MS/MS Systems, Proc Type: Central Purchase Order, CPQ-00882671, Bid Solicitation No: AGR2600000044 ISQ7610 GC-MS single Quad and TSQ 9610 VPI EI CI ExtractaBrite GC-MS Triple Quote with TriPlus, RSH SMART Autosamplers.

### CERTIFICATE HOLDER

WV Dept. of Agriculture-Dairy  
 Larry McDonnell  
 313 Gus R Douglass Lane, Building 11  
 Charleston WV 25312 USA

### CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

*Aon Risk Services Northeast, Inc.*

Holder Identifier :

570121046324

Certificate No :





# ADDITIONAL REMARKS SCHEDULE

|   |           |   |  |
|---|-----------|---|--|
| AGENCY<br>Aon Risk Services Northeast, Inc.           |           | NAMED INSURED<br>Thermo Electron North America LLC@ |  |
| POLICY NUMBER<br>See Certificate Number: 570121046324 |           |   |  |
| CARRIER<br>See Certificate Number: 570121046324       | NAIC CODE | EFFECTIVE DATE:                                     |  |

**ADDITIONAL REMARKS**

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,**  
**FORM NUMBER:** ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

| INSURER(S) AFFORDING COVERAGE | NAIC # |
|-------------------------------|--------|
| INSURER                       |        |
| INSURER                       |        |
| INSURER                       |        |
| INSURER                       |        |

**ADDITIONAL POLICIES**

If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER                            | POLICY EFFECTIVE DATE (MM/DD/YYYY) | POLICY EXPIRATION DATE (MM/DD/YYYY) | LIMITS          |              |
|----------|-------------------|-----------|----------|--|------------------------------------|-------------------------------------|-----------------|--------------|
|          | EXCESS LIABILITY  |           |          |  |                                    |                                     |                 |              |
| D        |                   |           |          | EX25MA380009<br>Excess Prods-Claims Made | 07/01/2025                         | 07/01/2026                          | Aggregate       | \$10,000,000 |
|          |                   |           |          |  |                                    |                                     | Each Occurrence | \$10,000,000 |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |
|          |                   |           |          |  |                                    |                                     |                 |              |



Mass spectrometry

# ISQ 7610 single quadrupole GC-MS system

## Unstoppable confidence in GC-MS analysis

**Keywords: ISQ 7610, single quadrupole, GC-MS, Advance Electron Ionization (AEI), ExtractaBrite, NeverVent technology, SmartTune, Vacuum Probe Interlock (VPI)**

### Performance benefits

- High sensitivity in full scan and SIM acquisition mode for trace detection levels of both targeted and untargeted analytes, with the inert Thermo Scientific™ ExtractaBrite™ ionization source. Increased sensitivity available with the inert Advanced Electron Ionization (AEI) Source in a dedicated configuration.
- Remove tuning complexity with SmartTune, a simplified tuning tool to easily maintain consistent response over time for longer.
- Boost instrument productivity to unprecedented levels with the patented NeverVent™ technology.

- PPINICI (pulsed positive ion negative ion chemical ionization) to switch on a scan-to-scan basis between positive and negative ionization mode

### Electron energy

- Adjustable up to 150 eV dependent on ion source type

### Emission current

- Up to 350  $\mu$ A

### Transfer line temperature

- Up to 400 °C

## Microfluidics options for Thermo Scientific™ TRACE™ 1600/1610 GC systems

Dual-column, dual-detector or heart-cut 2D-GC configurations are achieved with highly inert microfluidic connectors based on the Thermo Scientific™ SilFlow™ technology featuring FingerTite metal ferrules for easy-to-install, zero-dead volume, and leak-free connections.

- Compatible with capillary columns in the range of 0.32-0.1 mm I.D.
- Software assistant is available to support heart-cut 2D-GC method setup

## ISQ 7610 Carrier Gas options

The ISQ 7610 can be operated with either helium or hydrogen carrier gas. The ExtractaBrite EI source with large turbo pump is recommended for analysis using hydrogen carrier gas. Using the Thermo Scientific™ HeSaver-H2Safer iConnect™ SSL inlet can greatly reduce helium consumption, reducing cost of analysis or safely utilizing hydrogen without the need for a hydrogen sensor.

## Direct sample probe system option (VPI enabled systems only)

- Switch to probe in <3 min with GC undisturbed
- Available in two styles: rapid heating filament Direct Exposure Probe (DEP, capable of flash vaporization or pyrolysis at up to 1,600 °C) or slower volatilization and Direct Insertion Probe (DIP, capable of accommodating solid samples in a quartz or aluminum crucible up to 450 °C)

## Data system software and options

- Thermo Scientific™ Chromeleon™ Chromatography Data System (CDS) software for chromatographers using MS, a common platform for GC, GC-MS, LC, LC-MS, IC, and IC-MS quantification
- Thermo Scientific™ TraceFinder™ software, a common platform for routine GC, GC-MS, LC, and LC-MS quantification
- TraceFinder packages for Environmental and Food Safety, Clinical Research, and Forensic/Toxicology
- Retention Time Alignment tool easily and quickly maintains retention time during routine operation
- Instrument control and data connection via Ethernet
- Multi-functional icon-based GC touch screen on TRACE 1610 GC configuration or minimized local interface with the TRACE 1600 GC configuration
- Commercial mass spectral library (latest edition) options, including:
  - NIST Mass Spectral Library with RI and MS/MS
  - Wiley Mass Spectral Library
  - Maurer/Pfleger/Weber Mass Spectral Library for Drugs, Poisons, Pesticides, Pollutants and their metabolites
- Data-driven instrument monitoring with SmartStatus™ intelligent software, utilizing historical trends and user notifications

## AEI installation specifications

In EI SIM mode, with He carrier gas and either the Thermo Scientific™ AI/AS 1610 Autosampler, Thermo Scientific™ TriPlus™ 100 LS Liquid Autosampler, or TriPlus™ RSH/RSH SMART Autosampler<sup>†</sup> (required and configured for liquid injections), eight sequential 5 fg OFN splitless injections monitored for *m/z* 272 produce the following instrument detection limit (IDL), calculated from the chromatographic peak area with 99% confidence interval: IDL  $\leq$  1 fg.

<sup>†</sup> In the case that an autosampler is not present at install, a single injection of 100 fg OFN will be run to demonstrate the S/N reference specification

## System dimensions/weights

| Equipment            | System Dimensions (height x width x depth) | Weight         |
|----------------------|--|----------------|
| Mass spectrometer    | 44 x 33 x 63 cm (17.5 x 13 x 24.5 in)      | 43 kg (94 lbs) |
| TRACE 1600 GC system | 45 x 44 x 60 cm (18 x 17 x 24 in)          | 35 kg (77 lbs) |
| TRACE 1610 GC system | 45 x 44 x 67 cm (18 x 17 x 26 in)          | 35 kg (77 lbs) |

## Instrument configurations\*

| Instrument                                 | Source option                            | Extended dynamic range and lifetime detector | Vent free source exchange | Vent free column exchange | Use of direct probes |
|--|--|--|---------------------------|---------------------------|----------------------|
| ISQ 7610 small turbo                       | EI ExtractaBrite                         | ✓  | x                         | x                         | x                    |
| ISQ 7610 NOVPI                             | EI ExtractaBrite                         | ✓  | x                         | x                         | x                    |
| ISQ 7610 Vacuum probe interlock (VPI)      | EI ExtractaBrite                         | ✓  | ✓                         | ✓                         | ✓                    |
| ISQ 7610 VPICI                             | EI ExtractaBrite/<br>CI ExtractaBrite    | ✓  | ✓                         | ✓                         | ✓                    |
| ISQ 7610 Advance electron ionization (AEI) | Advance electron ionization (AEI) source | ✓  | x                         | x                         | x                    |

\* field upgradeable options available for all instruments

Learn more at [thermofisher.com/ISQ7610](https://thermofisher.com/ISQ7610)

General lab equipment, not for clinical, patient or diagnostic use. ©2024 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. This information is presented as an example of the capabilities of Thermo Fisher Scientific Inc. products. It is not intended to encourage use of these products in any manners that might infringe the intellectual property rights of others. Specifications, terms and pricing are subject to change. Not all products are available in all locations. Please consult your local sales representative for details.

PS000202-EN 0424S