



Acc # 493444001 - Ramesh

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

Request for Quotation

REQ NUMBER
DPS1008

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
JOHN ABBOTT
804-558-2544

VENDOR

Thermo Electron North America LLC
1400 Northpoint Pkwy, Ste 10
West Palm Beach, FL 33407

BUYER

WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE
SOUTH CHARLESTON, WV
25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/18/2009				

BID OPENING DATE: 12/03/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		490-55	\$209,871.64	\$209,871.64
<p>MASS SPECTROMETERS (LABORATORY)</p> <p>INSTALLATION OF MASS SPECTROMETER AND RELATED EQUIPMENT FOR THE WEST VIRGINIA STATE POLICE, PER THE ATTACHED SPECIFICATIONS.</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: JOHN ABBOTT (32)</p> <p>RFQ. NO.: DPS1008</p> <p>BID OPENING DATE: 12/3/2009</p>						

RECEIVED
2009 DEC -3 A 10:16
PURCHASING DIVISION
STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Valma Feender</i>	TELEPHONE 800-532-4752	DATE 12/2/09
TITLE Order Entry Admin	FEN 43-1992201	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



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

Request for Quotation

RFQ NUMBER
DPS1008

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF
JOHN ABBOTT
804-558-2544

*
VENDOR

F 2 Thermo Electron North America LLC
 1400 Northpoint Pkwy, Ste 10
F West Palm Beach, FL 33407

*
VENDOR

WEST VIRGINIA STATE POLICE
 4124 KANAWHA TURNPIKE
 SOUTH CHARLESTON, WV
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
11/18/2009				

BID OPENING DATE: **12/03/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
BID OPENING TIME:				1:30 PM		
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						

CONTACT PERSON (PLEASE PRINT CLEARLY):						

***** THIS IS THE END OF RFQ DPS1008 ***** TOTAL:						<u>\$209,871.64</u>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Valma Green</i>	TELEPHONE 800-532-4752	DATE 12/2/09
TITLE Order Entry Admin	FEN 43-1992201	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

DPS 1008

Bid Specifications –Mass Spectrometer

The Mass Spectrometer system must be compatible with the current Agilent Technologies GC/MS 6890/5973, Chemstation software, methods and libraries, which are utilized in forensic drug chemistry casework.

This equipment will be interfaced to an Agilent technologies gas chromatograph, autosampler, detector and Chemstation data system.

All vendors must provide instrumentation, software and hardware to the following specification or equivalent.

<u>Catalog Number</u>	<u>Quantity</u>	<u>Description</u>
G3242A	3	5975C inert MSD/DS Std Turbo EI System for use with 7890A,6890 and 6850 GC. Includes G3171A MSD, Chemstation (WIN XP) G1701EA SW, PC, LaserJet Printer. Not Included: G3397A Ion gauge Controller With the following configuration: Ship to Country: USA Delete Printer Oil Free Pump Substitution Installation Familiarization at Installation 1 year SW Update/Phone Assist 1 year PC Repair Recovery Service Detector type must be Triple-Axis HED-EM Analyzer capable of handling a flow Rate of 4ml/min. Inert Ion source must be made of

Metallic parts that are constructed From inert material. Stainless steel is NOT acceptable nor is coating the Metallic parts with an inert material Acceptable.

G3397A	3	<p>Ion Gauge Controller for use with 5975, MSD With the following configuration: Ship to Country: USA Installation</p>
G3442A	3	<p>Agilent 7890A or equal GC for 5975 Series MSD Includes 100psi split/splitless inlet LAN interface for 5975 Series MSD Retention time repeatability <0.008% Pressure set points must be able to be adjusted by increments of 0.001 psi From 0.00 to 100 psi With the following configuration: Ship to country: USA Installation</p>
G4513A	3	<p>7693A Autoinjector includes transfer Turret, 16 sample turret, mounting Post, parking post for GC, 10ul Syringe and solvent bottles. 100% Higher sample capacity than G2913A With the following configuration: Ship to country: USA Installation</p>
G4514A	3	<p>7693 Tray, 150 vial includes three Removable 50-vial racks and GC Mounting bracket. 50% higher Sample capacity than G2614A With the following configuration Ship to country: USA Installation</p>

DPS1008				
Item #	Description	*Estimated Annual Usage	Unit Price	Extended Price
1	Mass Spectrometer System	3	\$ 197,269.54	\$ 197,269.54
2	Ion Gauge Controller	3	\$ 4,376.49	\$ 4,376.49
3	GC	3	\$ 8,225.61	\$ 8,225.61
4	Autoinjector	3	\$ included in item 3	\$ included in item 3
5	Tray	3	\$ included in item 1	\$ included in item 1
Failure to use this form may result in disqualification			Total	\$ 209,871.64
Bidder / Vendor Information:				
Name:		Thermo Electron North America LLC		
Address:		1400 Northpoint Pkwy, Ste 10		
		West Palm Beach, FL 33407		
Phone#:		800-532-4752		
Email Address:		vilma.fermin@thermofisher.com		
Contract Coordinator Information:				
Name:		Vilma Fermin		
Address:		1400 Northpoint Pkwy, Ste 10		
		West Palm Beach, FL 33407		
Phone#:		800-532-4752		
Email Address:		vilma.fermin@thermofisher.com		
* Quantities are estimated annual usage for bidding purposes and bidder's information / Failure to include a unit price for all 5 items will result in disqualification				

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor must make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will 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 the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors 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 agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she 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 <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

Vendor's Name: Thermo Electron North America LLC

Authorized Signature: Vilma Fermin *Vilma Fermin* Date: 12/2/09

State of West Virginia
VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code, §5A-3-37*. (Does not apply to construction contracts). *West Virginia Code, §5A-3-37*, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. **Application is made for 2.5% resident vendor preference for the reason checked:**
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. **Application is made for 2.5% resident vendor preference for the reason checked:**
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. **Application is made for 2.5% resident vendor preference for the reason checked:**
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. **Application is made for 5% resident vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code, §61-5-3*), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Thermo Electron North America LLC Signed: 

Date: 12/2/09 Title: Order Entry Administrator

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

Thank you for your interest in Thermo Scientific instrumentation.

Attached is a quotation from your local sales representative. Please do not hesitate to contact us if you have any questions regarding this quotation

Please note the following information to facilitate placing an order:

Vendor Name: Thermo Electron North America LLC
Phone: 800-532-4752

FEIN: 43-1992201
D&B: 13-838-8090
Cage Code: 3WXJ7

PO Address: 1400 Northpoint Parkway, Suite 10
West Palm Beach, FL 33407
Fax #561-688-8731

OR

5225 Verona Road
Madison, WI 53711
Fax #608-273-6882

Remittance Information:

Accounts Receivable phone: 561-688-8755

Lockbox/Check Payments

Electronic Payments

Thermo Electron North America LLC PO Box 712102 Cincinnati, OH 45271-2102	Thermo Electron North America LLC Bank of America New York, NY Account #4426395065 ABA Routing ACH #111000025 ABA Routing WIRE #026009593 SWIFT BOFAUS3N
---	--

Please include the following with your PO:

Payment terms: Net 30 days

Freight terms: FOB Destination, Prepaid

Tax Status: Taxable or Tax Exempt

Your standard PO terms & conditions if applicable

Sales Quotation

Thermo Electron North America LLC

Quote No.	Create Date	Exp. Delivery Time	Page
0020132000	12/01/2009	30-45 Days ARO	1 / 6
Contact Info	Phone No.	Payment Terms	Valid To
		NET 30 DAYS UPON INVOICE DATE	12/30/2009
Inco 1	Inco 2	Shipping Method	
DEST. PREPAID	PREPAY	Pilot Economy 5 Day	

1400 Northpoint Pkwy Ste 10,
West Palm Beach, FL 33407-1976

Submitted To: 0001042429

JOHN ABBOTT
STATE OF WEST VIRGINIA
DEPT OF ADMINISTRATION
PURCHASING DIVISION BLDG 15
REF: RFQ DPS1008
2019 WASHINGTON STREET, EAST
CHARLESTON WV 25311

REF: RFQ DPS1008
DUE DATE & TIME: 12/3/09 @ 1:30 PM
FEIN: 43-1992201
D&B: 13-838-8090

To place an order

Call: 800-532-4752
Fax: 561-688-8731
eMail: uspal.orderprocessing@thermofisher.com

This order is subject to instructions and Thermo Fisher's terms & conditions on the last page

Item	Material No.	Description	Qty	Unit Price	Total Price
10	DSQII-115VALUE	TRACE ULTRA/DSQ II GC/MS Value Bundle	3 EA	67 105.00	201,315.00 USD

DSQ II GC-MS single quadrupole system (115V) with 70 L/sec turbomolecular pump, TRACE ULTRA GC mainframe, and data system requires selection of GC injector(s)

GC/MS system comprised of the TRACE ULTRA GC gas chromatograph mainframe with multi-level temperature control with a maximum oven temperature of 450 o C. GC can be upgraded with up two 2 inlets and 2 detectors.

The DSQ II is a linear quadrupole with an integrated curved quadrupole pre-filter to eliminate background source noise. Mass range is 1-1050 amu with a maximum scan speed of 11,000 amu/sec with unit resolution across the mass range. The Dura Brite™ source is designed to optimize ionization while extending time between cleanings. The electron impact ion source, independently heated up to 300o C, is designed with removable ion volumes providing easy source maintenance. New DynaMax XR detector and electrometer offer the widest dynamic range for ion detection with over 6 orders of dynamic range. Ion detection is achieved via an off-axis 10 kV conversion dynode & electron multiplier. The system is equipped with a 70 L/s turbo molecular pump. The system is capable of acquiring spectra in both profile and centroid modes. Available scan modes are Full Scan, SIM (100 sets of 240 ions) sequential Full Scan / SIM modes of mass analysis.

The system is supplied with a complete data system including the following: Minimum 2.8 GHz Pentium tm 4 processor; with 1 GB SDRAM, 40 GB Ultra ATA hard drive, 3.5 disk drive, and 48 max CD-RW, 17 Dell 1704FP color monitor, 16Mb ATI Rage Ultra video driver, Quietkey PS/2 keyboard, PS/2 IntelliPoint mouse, and pre-installed Microsoft Windows XP Microsoft Office Pro and Xcalibur. An additional single license copy of Xcalibur on CD-ROM is included for data reprocessing on a second PC (not included). This includes a voucher for choice of training courses at the Thermo Electron Training institute and a 12 month warranty. Printer not included; however all Windows XP printer options are supported.

Material 39,330.00 - USD
Net Value For Item 161,985.00 USD

20	119264-0001	GRANVILLE PHILLIPS ION GAUGE-GSA	3 EA	1,458.83	4,376.49 USD
----	-------------	----------------------------------	------	----------	--------------

Sales Quotation

Thermo Electron North America LLC

1400 Northpoint Pkwy Ste 10,
West Palm Beach, FL 33407-1976

Quote No.	Create Date	Exp. Delivery Time	Page
0020132000	12/01/2009	30-45 Days ARO	2 / 6
Contact Info	Phone No.	Payment Terms	Valid To
		NET 30 DAYS UPON INVOICE DATE	12/30/2009
Inco 1	Inco 2	Shipping Method	
DEST. PREPAID	PREPAY	Pilot Economy 5 Day	

To place an order
 Call: 800-532-4752
 Fax: 561-688-8731
 eMail: uspal.orderprocessing@thermofisher.com

Item	Material No.	Description	Qty	Unit Price	Total Price
------	--------------	-------------	-----	------------	-------------

Granville-Phillips ion gauge - The ion gauge has a digital output for display with the data system. It is used to measure and record the system operational pressure.

30	120256-0001	DRY PUMP KIT XDS5 115/230V NON-JAPAN	3 EA	4 786.00	14 358.00 USD
----	-------------	--------------------------------------	------	----------	---------------

Customer Discount	1,184.54 - USD
Net Value For Item	13,173.46 USD

40	701-524800	EXTENDED ORIENTATION TRAINING	1 EA	1,500.00	1,500.00 USD
----	------------	-------------------------------	------	----------	--------------

ONE DAY EXTENDED ORIENTATION TRAINING

50	K57300000000070	Trace GC MS2030 120V-GSA	3 EA	12,686.17	38,058.51 USD
----	-----------------	--------------------------	------	-----------	---------------

Material	29 832.90 - USD
Net Value For Item	8,225.61 USD

60	T105	Mainframe LAN version with Keyboard -GSA	3 EA		*Included In Item 50
----	------	--	------	--	----------------------

T105 TRACE ULTRA MAIN FRAME 115V with LAN Board

Incorporating a wide range of high quality solutions in the field of injector and detector

Sales Quotation

Thermo Electron North America LLC

Quote No.	Create Date	Exp. Delivery Time	Page
0020132000	12/01/2009	30-45 Days ARO	3 / 6
Contact Info	Phone No.	Payment Terms	Valid To
		NET 30 DAYS UPON INVOICE DATE	12/30/2009
Inco 1	Inco 2	Shipping Method	
DEST PREPAID	PREPAY	Pilot Economy 5 Day	

1400 Northpoint Pkwy Ste 10,
West Palm Beach, FL 33407-1976

To place an order
 Call: 800-532-4752
 Fax: 561-688-8731
 eMail: uspal.orderprocessing@thermofisher.com

Item	Material No.	Description	Qty	Unit Price	Total Price
------	--------------	-------------	-----	------------	-------------

technology as well as an ultra-stable, fast column oven packed in an efficient ergonomic design, TRACE GC Ultra makes excellence, innovation and ease of use available, at a very competitive price, for QC/QA laboratories besides the traditional R&D centers

TRACE GC Ultra is designed to be easily configured with up to two injectors and three detectors at any time. A specially designed top cover cassette housing pre-plumbed and equipped with thoroughly insulated injectors and detector base bodies permits upgrading from a simple single column, single injector configuration into a more complete analytical layout. An ultra-stable, ultra-fast heating and cooling column oven is capable of utmost precision and reproducibility from near ambient up to 450°C provides fast analysis time.

Column Oven

- * Temperature range: from few degrees above ambient to 450°C
- * Sub ambient operations down to -99°C with liquid N2 cryogenic option and to 55°C with CO2 cryogenic option
- * Program rates: 0.1 to 120°C/min through seven ramps
- * Typical cool-down time: 450°C to 50°C in 250s
- * Typical heat-up time: 50°C to 450°C in 420s
- * Usable space: 270x270x170mm (HxWxD)

Keyboard/User interface

* Four line display and 54 keys It controls all instrument functions including injector/detector temperatures, carrier and detectors gases pressures/flows, and oven temperatures and detectors signals It is capable to store up to ten complete methods and sequences with battery back up retaining operating parameters for an unlimited period Additional features available include: real time clock programming (with auto-start), instrument start-up diagnosis, real time system diagnosis, on-line help on each parameter, logbook with deviation records for temperature pressure and flows, and local keyboard lock

Same as option 102 with a built-in Ethernet 10/100LAN adapter for remote instrument control and acquisition. The Ethernet option replaces the COM port and allows the computer data system controlling the instrument to be anywhere in Local Area Network

Requires selection of set up inlet and detector options and operation in 230v. 50/60 Hz.

70 T207

SPLIT/SPLITLESS INJECTOR-GSA

3 EA

*Included In Item 50

T207 Optimized Split/Splitless Injector

The vaporizing split/splitless injector features an optimized thermal profile for either split or splitless injection. This new geometry virtually eliminates discrimination for heavy compounds and ensures wide linearity with relatively large injection volumes. Temperature setting is via the keyboard in the range 50°C to 400°C in 1°C increments Packed columns may also be installed by using an optional kit

Sales Quotation

Thermo Electron North America LLC

1400 Northpoint Pkwy Ste 10,
West Palm Beach, FL 33407-1976

Quote No.	Create Date	Exp. Delivery Time	Page
0020132000	12/01/2009	30-45 Days ARO	4 / 6
Contact Info	Phone No.	Payment Terms	Valid To
		NET 30 DAYS UPON INVOICE DATE	12/30/2009
Inco 1	Inco 2	Shipping Method	
DEST. PREPAID	PREPAY	Pilot Economy 5 Day	

To place an order
 Call: 800-532-4752
 Fax: 561-688-8731
 eMail: uspal.orderprocessing@thermofisher.com

Item	Material No.	Description	Qty	Unit Price	Total Price
------	--------------	-------------	-----	------------	-------------

80 T303 Digital Pressure Flow ctrl -GSA 3 EA *Included In Item 50

T303 Digital Pressure/Flow control (1000 kPa)

Electronic carrier gas control is performed through an integrated pressure and mass flow controller which allows direct setting of the most appropriate column pressure or mass flow rate required for any application. Featuring a built-in capability to measure true column resistance, the system regulates carrier gas column flow rate through pressure programming with Split/splitless. On-column and PTV injectors. Packed column injector operates according to direct flow control mode. Purge packed injector may be programmed to operate in both modes. Pressure regulation is available in the range from 10 to 1000 kPa (145 psi) in steps of 1Kpa, 0,1 psi, or 0,01 bar. Up to three pressure/flow programming ramps are available. The system also features: An automatic calibration test which accurately measures and stores column parameters therefore avoiding the need of entering unknown or unsure column parameters Compensation for ambient variation of pressure and temperature The column flow regulation is available in different scales: with Split/splitless, On-column and PTV injectors, from 0.1 to 100 ml/min in 0.1ml/min increments with He, N2 or H2 as carrier. with Packed and Purge packed injectors, from 5 to 500 ml/min in 0.1ml/min increments with He and H2 as carrier, with Packed and Purge packed injectors, from 7 to 70 ml/min in 0.1ml/min increments with N2 as carrier, Additionally the split/splitless and PTV injectors also include: a high precision mass flow controller in the split line allowing split flow to be controlled in the range of 10 and 20 to 500 ml/min when He or H2 are used respectively as carrier gas, and 10 to 450 ml/min with N2, a fixed calibrated flow regulator in the purge line supplying 5 ml/min of He, or 4.5 ml/min of N2, or 10 ml/min of H2, according to the carrier gas used the carrier gas saver feature programmable in time

90 T807 Trace GC Ultra setup for DSQ-GSA 3 EA *Included In Item 50

T807 Set up for DSQ Mass Spectrometer

Set up and prep for connecting TRACE Ultra to DSQ single quadrupole mass spectrometer including transfer line hole modification, collar, and power preparation for transfer line.

100 25117562 AS3000 II FOR TRACE RIGHT SIDE-GSA 3 EA 6 870.36 20,611.08 USD

Sales Quotation

Thermo Electron North America LLC

1400 Northpoint Pkwy Ste 10,
West Palm Beach, FL 33407-1976

Quote No.	Create Date	Exp. Delivery Time	Page
0020132000	12/01/2009	30-45 Days ARO	5 / 6
Contact Info	Phone No.	Payment Terms	Valid To
		NET 30 DAYS UPON INVOICE DATE	12/30/2009
Inco 1	Inco 2	Shipping Method	
DEST. PREPAID	PREPAY	Pilot Economy 5 Day	

To place an order
 Call: 800-532-4752
 Fax: 561-688-8731
 eMail: uspal.orderprocessing@thermofisher.com

Item	Material No.	Description	Qty	Unit Price	Total Price
------	--------------	-------------	-----	------------	-------------

Total 209,871.64 USD

To place your order and expedite shipment, please fax or e-mail your Purchase Order with all associated terms and conditions (and tax exemption certificate, if applicable).

All purchase orders must show the vendor name of Thermo Electron North America LLC at one of the addresses below:

Thermo Electron North America LLC
5225 Verona Road
Madison, WI 53711

Thermo Electron North America LLC
1400 Northpoint Parkway, Ste 10
West Palm Beach, FL 33407

Complete System Orders

Fax: 608-273-6882

E-mail: usmadorderprocessing@thermofisher.com

Complete System Orders

Fax #561-688-8731

E-mail: uspal.orderprocessing@thermofisher.com

Parts Orders

Fax #608-273-5045

E-mail: fseserviceorders@thermofisher.com

Parts Orders

Fax #561-688-8731

E-mail: fseserviceorder2@thermofisher.com

Please reference our quotation number on your purchase order and on any correspondence regarding the quotation.

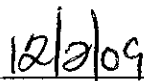
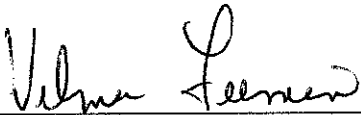
Items marked with an asterisk (*) on the face of the quotation are non-Thermo Electron North America LLC products. Thermo Electron North America LLC is not responsible for the installation, operation or warranty of any of these products. Thermo Electron North America LLC manufacturers may provide their own warranties to you.

SEE THE WARRANTY STATEMENT IN THE PRODUCT DOCUMENTATION FOR THE COMPLETE WARRANTY, AND THE WARRANTY AND EXCLUSIONS INCLUDED ON THIS FORM.

Prices, warranty, installation and service on the items quoted herein are available only in the United States, and may not be otherwise assigned.

Buyer shall pay federal, state and local taxes in addition to the price stated on this order unless buyer gives Thermo Electron North America LLC a signed exemption certificate or direct pay permit. You may fax these documents to us. Your purchase order should also indicate the sales tax status of your order.

Buyer shall not export or re-export technical data or products supplied by Thermo Electron North America LLC in violation of applicable export regulations. Buyer who exports from the U.S. products purchased hereunder assumes all responsibility for obtaining any required export authorization and payment of applicable fees.



Signature

Date

April 22, 2005

Dear Colleague;

Thermo continues to reorganize around the way you, our customer, does business. Many customers buy combinations of our leading Thermo brand mass spectrometry, elemental analysis, molecular spectroscopy and chromatography offerings, and have asked for the ability to buy those products from a single entity.

We're working hard to deliver by combining two of our largest legal entities – this means that the many customers who interact with both entities today will more conveniently be able to deal with us as a single supplier.

On May 2, 2005, our spectroscopy, chromatography, mass spectrometry instrumentation and service businesses will effectively interact with you through one, new legal name: **Thermo Electron North America LLC**.

You can still find us as at the same email address and telephone number as before – but the supplier entities, remittance address, and Federal Tax ID you've used for purchasing will become one. Instead of:

- Thermo Finnigan LLC with Federal Tax ID 04-3535157, and
- Thermo Electron Scientific Instruments Corporation with Federal Tax ID 39-1085016

You'll use Thermo Electron North America LLC with Federal Tax ID 43-1992201 and send invoices to the address indicated in the gray box above.

Please take the time to update this key information about us in your supplier database, and ensure that your Finance department updates your purchasing and accounts payable systems.

We'll continue working on changes like this one to make it easier for you to do business with us, and apologize for any inconvenience. We remain dedicated to providing you with state-of-the-art scientific solutions and technological expertise. If you have any questions, please contact us at 1-800-532-4752. We'll be happy to work with you and your organization as need be to facilitate this change.

Sincerely,

Greg Herrema
President, Scientific Instruments

Thermo Finnigan LLC
and
Thermo Electron Scientific Instruments Corp.
will sell under a new, single legal entity of
Thermo Electron North America LLC
Effective May 2, 2005

- Direct contact information (person, email, phone, FAX) remain the same.
- Remittance address for invoices dated May 2 or later changes to:
Thermo Electron North America LLC
PO Box 712102
Cincinnati, OH 45271-2102
Federal Tax ID # (FEIN) changes to: 43-1992201.

We'll continue to market products from these legal entities under our Thermo brand name.



**Request for Taxpayer
Identification Number and Certification**

Give form to the
requester. Do not
send to the IRS.

Name (as shown on your income tax return)
Thermo Electron North America, LLC

Business name if different from above

Check appropriate box: Individual/Sole proprietor Corporation Partnership
 Limited liability company Enter the tax classification (D=disregarded entity C=corporation, P=partnership) ▶ C Exempt payee
 Other (see instructions) ▶

Address (number, street, and apt or suite no)
770 Northpointe Parkway, Suite 100

City, state, and ZIP code
West Palm Beach, FL 33407

List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter

Social security number

OR

Employer identification number
43-1992201

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below)

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4

Sign Here Signature of U.S. person ▶ *Susan Knapp* Date ▶ 06/17/2009

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity