

ITEM OPPORTUNITY SYNOPSIS	
Scouting Number:	2024-023
Name of the item to be scouted:	ICP-OES Instruments
State item to be used in:	Illinois
Describe the Item:	
Please describe the item application/the end use of the item.	One Inductively coupled plasma atomic emission spectroscopy (ICP-OES) instrument comparable to a ThermoFisher iCap PRO X Duo In accordance with Federal Acquisition Regulation (FAR) 10.002(b) (2) (i), this supplier scouting opportunity is for the purpose of conducting market research
Supplier Information:	
Type of Supplier Being Sought (select from the list below):	
Manufacturer	X
Contract Manufacturer	
Distributor	
Other (Please Specify)	
Reason for Scouting Submission (select from the list below)	
2nd Supplier	
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	X
Other (Please Specify)	
Summary of Technical Specifications and Performance Requirements:	
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Assembly
Provide dimensions / size / tolerances / performance specifications of the item	See attached
List required materials needed to make the product, including materials of product components, if applicable	Materials needed to produce one ICP-OES instrument comparable to a ThermoFisher iCap PRO X Duo and associated accessories listed in attached quote.
Are there applicable certification requirements?	
Yes	
No	X
Please explain:	
Are there any applicable regulations that apply to the production of this item?	
Yes	
No	X
Please explain:	
Are there any other standards / requirements?	
Yes	
No	X
Please explain:	
Additional Comments:	
Additional technical comments:	
Volume and Pricing:	
Estimated Potential Business Volume (i.e. #units per day, month, year):	1 unit
Estimated Target Price/Unit Cost Information:	\$125,000.00
Delivery Requirements:	
When is it needed by? (Immediate, 30 days, 6 months, etc.)	3 months
Describe packaging requirements (i.e. individually/group packaging, etc.)	palletized
Where will this item be shipped?	USEPA, Region 5 Chicago, IL 60605
Additional Comments:	

<b>Is there other information you would like to include?</b>	No domestic manufacturers of this type of instrument have been identified. In accordance with Federal Acquisition Regulation (FAR) 10.002(b) (2) (i), this supplier scouting opportunity is for the purpose of conducting market research.
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# Sales Quotation

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US Environmental Protection Agency			
* 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

This quotation contains time bound promotional offerings that require order placement by the expiration date shown above. These time bound promotional offerings may not be repeated or extended beyond the expiration date.

## Customer Info:

Customer Name:

Company Name: US Environmental Protection Agency

Address: Illinois 60605  
United States

Phone:

Email:

## Sales Contact Info:

### iCAP PRO X Duo for EPA 200.7

Item	Description	Unit Price	Qty	Discount	Total Price
1.1	BRE731411 iCAP PRO X Duo ICP-OES (made in EU) GSA Contract Item iCAP PRO X Duo ICP-OES (made in Germany) with direct system control via Qtegra ISDS Software (External PC and Qtegra ISDS Software need to be ordered separately) The iCAP PRO X ICP-OES delivers robust, uncomplicated trace elemental analysis with fast start-up, easy-to-use software and advanced accessory control, providing multi-element detection technology. Complete ICP-OES system to include: - True simultaneous iCAP PRO Series ICP-OES spectrometer covering the whole wavelength range in one single acquisition, with vertical torch orientation for ultimate robustness for both, radial and duo instruments - Standard aqueous sample introduction kit with a glass concentric nebulizer, glass cyclonic spray chamber, demountable quartz torch supplied with a 2.0 mm diameter bore center tube and an improved torch and injector holder as well as setup blank and multi element test solution Technical details of the spectrometer: - Compact unit for bench mounting (615 x 690 x 933 mm) - One simultaneous measurement with full wavelength coverage from 167 to 847 nm - Solid state 27.12 MHz RF generator as power source to the plasma with optimized RF settings for aqueous and organic samples		1		

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	<ul style="list-style-type: none"> <li>- Thermostatically controlled Echelle polychromator for ultra-stable analyses with the option to use Ar or N2 as purge gas</li> <li>- CID camera cooled down to -45 degrees Celsius for low background noise</li> <li>- Fully interlocked torchbox with safety viewing window and sliding door to contain plasma with a unique exchangeable inner torch box to prevent corrosion</li> <li>- 3-channel peristaltic pump for stable sample introduction with optimized pump speed settings for aqueous and organic samples</li> <li>- Ease-of-use torch design for simplified maintenance and installation as well as reliable positioning of the torch for reproducible results</li> <li>- Gas flow control of auxiliary, nebulizer and cool gas via 3 independent mass flow controllers with optimized nebulizer and auxiliary gas flows for aqueous and organic samples</li> <li>- Ensuring operator and instrument safety through full interlock control of gas and water flow, exhaust, polychromator and camera temperature</li> <li>- Interlocked drain sensor allows for safe, unattended analysis, prevents spillage and saves sample in case of interruptions in the sample introduction</li> <li>- LED status bar to display instrument and analysis status</li> <li>- Gas saving standby mode</li> <li>- Fast warm-up mode</li> <li>- Advanced plug-in control for autosamplers, auto-dilution and other accessories</li> <li>- Cooling water supplied from an external recirculating chiller (not included)</li> <li>- Power requirements: 200-240 V, 50-60 Hz, single phase, 16 A (Europe), 20 A (North America, Japan)</li> </ul> <p>Designed and manufactured by an ISO9001 registered company.</p>				
1.2	101103010000003 TF900 Air Cooled Chiller (115 V/60 Hz) GSA Contract Item TF9 B A 115/60 T1 35M IPR SPC ThermoFlex 900 air cooled recirculating chiller with a cooling capacity of 900 W for a temperature range of 5° to 40° C. For a supply voltage of 115 V and frequency of 60 Hz.		1		
1.3	842314050004 Data Station (100/230V, 50/60Hz) Dell OptiPlex 3080MT for ICP-OES and AAS <ul style="list-style-type: none"> <li>• 24" flat screen monitor</li> <li>• Intel® Core i3-10100 (3.60 GHz, 6 MB) Processor</li> <li>• Windows 10 IoT Enterprise (64 bit)</li> <li>• 16 GB (8 GB*2) (DDR4 2400 MHz) Memory</li> <li>• 1 TB 7200 rpm SATA Hard Disk Drive</li> <li>• Intel (HD 4600) Integrated Graphics Card</li> <li>• 8x DVD+/-RW Optical Drive</li> <li>• 2 (1 integrated network card, 1 PCI-Network card) Network Adapters</li> <li>• DELL USB Optical Mouse and USB Keyboard English version</li> <li>• 3 Year Hardware Service Warranty with Onsite Service After Remote Diagnosis</li> </ul>		1		
1.4	BRE0020564 Qtegra ISDS for iCAP PRO GSA Contract Item		1		

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Item	Description	Unit Price	Qty	Discount	Total Price
	Instrument (1 seat) and Desktop (3 seats) License and Thermo Scientific™ Qtegra™ Intelligent Scientific Data Solution™ (ISDS) Software for iCAP PRO Series ICP-OES Qtegra ISDS Software includes: - Get Ready for a fully automated, data driven startup process - Simple, intuitive, and guided user input sequence delivering faster setup time - Simplified creation of LabBooks with Templates - Facilitated sample data input from digital Barcode/QR Code readers or LIMS Systems. - Data processing capabilities for trace elemental quantification - Integrated Interelement Correction (IEC) workflow based on intensity or concentration - Clear data visualization and data transparency - Comprehensive data export and reporting options - Full suite of 21CFR Part 11 compliance tools				
1.5	842313050711 Test Solutions for iCAP Series ICP-OES Replacement Aqueous Qualification Solutions ~ Replacement aqueous test solutions for iCAP Validator Kit.		1		
1.6	BRE0020420 iCAP PRO CountKit NA Power cord(s) for iCAP PRO Series ICP-OES instruments for North America for a nominal voltage of 200-240 VAC, 50-60 Hz, single phase, containing - 1 x NEMA 6-20P - 1 x NEMA L6-20P Also used for ThermoFlex chillers.		1		
1.7	701-057891 Ext Warranty Promo - iCAP PRO X Rad/Duo Extended Warranty Promotion - iCAP PRO X Radial or Duo • 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 • Annual Preventive Maintenance visit and a standard Preventive Maintenance Kit • Highest priority status for technical support telephone inquiries • 10% Loyalty discount on parts, accessories, and consumables (may not be available in all regions)		1		
1.8	702-023402 2 DAYS TEA ONSITE SUPPORT		1		

Item	Description	Unit Price	Qty	Discount	Total Price
2.0	278-1172500 Sample Sense FAST Autosampler		1		

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Item	Description	Unit Price	Qty	Discount	Total Price
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4DXCi four rack high-speed autosampler with autocorrecting capabilities -- The DXCi autosampler automatically monitors and corrects the probe position for each sample and includes two independent rinse pumps for dual-flowing rinse station, one FAST vacuum pump for easy upgradability to ESI FAST and prepFAST systems, two tapered tip sample probes with carbon fiber support, racks + vials kit, rinse bottles, and software interface. SampleSense FAST for Thermo Scientific iCAP 6000/7000/PRO ICP and iCAP Q/RQ/TQ ICP-MS fully automated high-throughput injection valve speeds sample uptake, stabilization, and washout -- SampleSense technology automatically detects and triggers the ICP/ICP-MS analysis, eliminating timing parameters, improving throughput, and reducing sample consumption and includes PFA ICN40-68 nebulizer [DXCi autosampler selection required] Enclosure for SC-4DX autosampler. On-site FAST SampleSense Installation and Implementation for FAST. Includes hardware installation, software methods and implementation, necessary method validation, FAST SS7 installation/spares kit with PFA nebulizer (F-0370-SS7) and user training.

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.

Please see below for monthly payment options and contact [financialservices@thermofisher.com](mailto:financialservices@thermofisher.com) or call (800) 986-9731 ext. 7 for more information. Please note: Payments are estimates only and availability of lease financing is subject to credit approval and acceptance of terms. Terms and interest rates may vary based on customer's financial profile.

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Leasing estimate is based on a total cost of ; you may choose from the monthly payment options below:

	Lease Term (months)			
	24	36	48	60
	1	1	1	1

Choosing the Lease that Best Meets Your Needs:

## Fair Market Value (FMV) Purchase Option

The intent of this lease is not to own but to gain the benefits of the equipment in exchange for a low monthly payment. Your End-of-Lease Options are: continue to lease the equipment, purchase a fair market value or return/upgrade the equipment.

## \$1.00 Purchase Option

This is a lease-to-own option where you would own the equipment after all monthly payments have been made. It is similar to a finance agreement and provides you a defined payment schedule over the lease term.



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## Options / Recommendations

Item	Description	Unit Price	Qty	Discount	Total Price
1.9	C0202-99-00182 PV PDU 2xL6-20R,2x6-20R,4x5-15R, NOT EU  The PDU module for the Powervar UPS systems acts as a "powerstrip" with numerous plug receptacles. The L14-30R (receptacle on UPS) mates with the L14-30P (Plug on PDU) 10' long power cord. The unique thing about this plug/receptacle combination is that it contains two hot legs, a neutral and a ground, so it's a four conductor set up ("14"), allowing both 115 and 230 VAC to be distributed. The "30" stands for the current rating of the device. These receptacles allow the user to plug in all the power cords that belong to their LCMS/ICP-MS system in one place and keep them protected from power surges and from short power failures "brown-outs" of the mains power to the building. The PDU can supply both 125V and 230V depending on the plugs being used. As a rule, any outlet that is a Nema 5-XX will provide 125 V output, while any Nema 6-XX will provide 230V output. Each PDU can be matched up with any of the LSMS Powervar Security Plus II UPS systems. The differences in the 3 PDUs that are offered relate to the different receptacles that each of our MS systems require. This PDU works in conjunction with any LSMS Powervar UPS system. It is designed for use with the Exploris (all), ID-X, IQ-X, Fusion, Fortis, Fortis Plus, Quantis, and Endura MS systems as well as iCAP Q/Qnova Series. It contains the following receptacles: • 4 x 5-15R rated at 15A (120V) • 2 x 6-20R rated at 20A (230V) • 2 x L6-20R rated at 20A (230V)		1		
1.10	C0012-01-00080 POWERVER POWER CONDITIONER 5.0kVA, RoHS  5.0 kVA Single-Phase Power Conditioners (PC) can be used with various instruments and accessories. Power Conditioners are used for applications that require large power loads or applications with dual-voltage requirements. To accommodate the different plugs from the various instruments and accessories, a separate PDU (Power Distribution Unit) must also be ordered. The following LC MS and ICP-MS systems can be used with 5.0 kVA Power Conditioner:Exploris 120 & 240, ID-X, IQ-X, Fusion, Fortis, Quantis, Endura, Quantiva, Quantum, Altis, Fusion Lumos, Eclipse, and Q Exactive series as well as iCAP Q/Qnova Series. All Plus versions of the instruments above can also be used with this Power Conditioner system. There is no need to add the N2 Generator to the Power Conditioner since there is no conductive connection point to the LCMS System. N2 generators will require the addition of a Peak Boost (P/N 222-294100) from 208V to 230V. Other instruments and accessories can also be added if one does not exceed the power requirements of the Power Conditioner and that one has the needed receptacles to plug these instruments and accessories into the Power Conditioner either directly or through a PDU. Specs: This UPS comes with a 6 foot power cord ending in a L6-30P. The Power Conditioner requires an input voltage of 208V connected to a 30-40A breaker. The back of the Power Conditioner has various receptacles that can be used to plug in other devices. The receptacles included in this model are: 4x 5-15R and a L14-30R. The L14-30R is the receptacle		1		



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Item	Description	Unit Price	Qty	Discount	Total Price
	that is used to plug the PDU into the Power Conditioner. Dims: 10.00" x 12.47" x 18.00" (inches)				

DRAFT

## Purchase Order - Submission Details

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See below			

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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

or

Thermo Electron North America LLC

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

## Purchase Order - Submission Details

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Madison WI 53711

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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.