

## AM02 - Texas A&amp;M University

P.O. Date: 3/23/2017

## Purchase Order

Purchase Order Number

AM02-17-P045388

SHOW THIS NUMBER ON ALL  
PACKAGES, INVOICES AND  
SHIPPING PAPERS.

V E N D O R	Vendor Number: 00008104
	Thermo Electron North America LLC
	1400 Northpoint Pkwy Ste 10
	West Palm Beach , FL 33407

INVOICING VENDOR SHALL SUBMIT AN ITEMIZED INVOICE SHOWING PURCHASE ORDER NUMBER. IF YOUR INVOICE IS NOT PROCESSED AS INSTRUCTED, PAYMENT MAY BE DELAYED.

S H I P T O	Plant Pathology & Microbiology
	Attn: Contact LAUREN BORISKIE at (979)845-8296
	Borlaug Center - Bldg. #1513
	Room 151A
B I L L T O	498 Olsen Blvd.
	2123 TAMU
	College Station, TX 778432123
	US
B I L L T O	Email: lpboriskie@tamu.edu
	Phone: (979) 862-4801
	ATTN: FMO Accounts Payable
	750 Agronomy Road - Suite 3101
B I L L T O	6000 TAMU
	Attn: Email invoices to invoices@tamu.edu
	Attn: Do not mail invoice if sending via email
	College Station, TX 778436000
B I L L T O	USA
	Email: invoices@tamu.edu
	Phone: (979) 845-8362

**Please login to Buy A&M to retrieve attachments associated with the Purchase Order.**

Solicitation (Bid) No.:

Payment Terms: Net 30  
Shipping Terms: FOB Origin  
Freight Terms: Freight Prepaid and Add  
Delivery Calendar Day(s) A.R.O.: 0

Item # 1

SHIPPING INSTRUCTIONS: Texas A&M University  
Borlaug Center, Bldg# 1513, RM# 151A  
TAMU 2123 - 498 Olsen Blvd.  
College Station, TX 77843

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Reference Quote: CPQ-00047486

Contact: Furong Lin Ph: 979-862-4801

Item # 2

Class-Item 490-43

Part#: 222-223700; POWERVAR PWR COND 74015-64R-15kVA 3 PHS is for the Synthetic and Systems Biology Innovation Hub (SSBIH) related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 11,330.79	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 11,330.79

Item # 3  
Class-Item 490-43

RefurbVPOrbitrap\_Easy\_Ultimate instrument is for the Synthetic and Systems Biology Innovation Hub (SSBIH) related to Project Research.

Part#: ES071; Nanospray Flex Ion Source Kit - The Thermo Scientific Nanospray Flex Ion Source enables the use of nanoscale flow rates and maintains excellent spray stability to ensure efficient evaporation and ionization of liquid samples. Together with our leading MS systems, the Nanospray Flex? Ion Source will help to achieve the highest possible sensitivity.

- ? Designed for simplicity and ease of use
- ? Excellent spray stability yields superior high resolution results
- ? Single set-up for all online nanoflow applications
- ? Easily interfaced with online Nanoscale LC separation techniques
- ? Sturdy, precise X-Y-Z manipulator
- ? Sliding rails enable quick retraction of the emitter
- ? Easy access to knobs and emitter/column adaptors
- ? Includes DirectJunction for total flexibility in online setups
- ? Complete monitor system with integrated light source to visualize the emitter

Compatibility

The Nanospray Flex Ion Source is compatible with the following Thermo Scientific mass spectrometers:

- ? LTQ? Series: LTQ, Orbitrap?, FT?, Velos?
  - ? Exactive?, Q Exactive
  - ? TSQ? Series: Quantum?, Quantum Access?, Quantum Discovery MAX?, Quantum Ultra?, Vantage?
  - ? LCQ? Deca XP MAX
  - ? LCQ? Fleet
- Nanospray Flex Ion Source package
- ? Nanospray Flex mechanics
  - ? Getting Connected Guide
  - ? 1 x ES256 DirectJunction
  - ? 1 x ES257 LiquidJunction Cross
  - ? 1 x ES542 Stainless steel emitters
  - ? 2 x ES217 Dino Lite digital camera
  - ? 1 x ES216 LCD monitor 8"
  - ? 2 x Phono-BNC adapters
  - ? 1 x 3mm hex screw driver for mounting cameras
  - ? 1 x 1.3mm hex screw driver for mounting cameras

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 13,576.39	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 13,576.39

Item # 4  
Class-Item 490-43

Part#: ES269; UHPLC Liquid Junction Kit related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 2,075.99	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 2,075.99

Item # 5  
Class-Item 490-43

Part#: OPTON-20011; ESI PROBE, ION MAX SOURCE related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 7,619.25	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 7,619.25

Item # 6  
Class-Item 490-43

Part#: 702-027700; 3-DAY LSMS TRNG COURSE AT CUSTOMER SITE related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 7,600.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 7,600.00

Item # 7  
Class-Item 490-43

Part#: EXRLC120 Refurb, EASY-nLC 1000 related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 25,000.38	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 25,000.38

Item # 8  
Class-Item 490-43

Instrument: EXROTVLPRO-10000 OT VELOS PRO SYSTEM, REFURB related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 207,270.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 207,270.00

Item # 9  
Class-Item 490-43

Part#:101103010000003; TF9 B A 115/60 T1 35M IPR SPC Water recirculator TF9 B A 115/60 T1 35M IPR SPC - accessories related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 3,388.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 3,388.00

Item # 10  
Class-Item 490-43

Part#: 5035.9200 SR-3000 SOLVENT RACK WITHOUT DEGASSER UltiMate 3000 SR-3000 Solvent Rack without degasser. Offers secure and functional positioning of the solvent reservoirs.Instrument related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 307.24	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 307.24

Item # 11  
Class-Item 490-43

Part#: 5040.0031 LPG-3400SD Pump, Gradient Pump, Degas UltiMate 3000 LPG-3400SD Low Pressure Mixing Gradient Pump with integrated analytical 4-channel vacuum degasser. Supports high-speed and high-resolution applications as well as standard HPLC workflows. Supports 4 eluents via a proportioning valve with a settable flow of 0.001 to 10.000 mL/min at pressures up to 620 bar. Instrument related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 10,399.86	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 10,399.86

Item # 12  
Class-Item 490-43

Part#: 5822.0020; WPS-3000TSL ANALYTICAL AUTOSAMPLER UltiMate 3000 WPS-3000TSL ANALYTICAL Autosampler. Features a thermostatted analytical scale in-line split loop injection principle for high precision, excellent injector linearity, and optimal application support up to 62 MPa (620 bar/9000 psi). Offers reliable sample thermostating from 4 to 45 °C. Supports injection volumes from 1 to 100 µL (field-upgradable to 500 µL) and 3 segments to hold racks/well plates. Instrument related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 12,160.34	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 12,160.34

Item # 13  
Class-Item 490-43

Part#: 5730.000; TCC-3000RS COLUMN THERMOSTAT UltiMate 3000 TCC-3000RS Rapid Separation Thermostatted Column Compartment. Offers a temperature range of 5 to 110 °C. Supports post-column cooling to reduce the temperature of the mobile phase before entering the detector. Can be field-upgraded with switching valves for advanced workflows. Instrument Related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 3,643.55	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 3,643.55

Item # 14  
Class-Item 490-43

Part#: 5060.0050; REFRACTOMAX 521 DETECTOR RefractoMax 521 Refractive Index Detector. Offers non-destructive, universal detection ideal for the use with substances with no or limited UV/Vis activity. Extended flow rate range from 1 to 10 mL/min and the operating range from 1.00 to 1.75 RIU for a wide range of applications. Instrument related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 8,731.79	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 8,731.79

Item # 15  
Class-Item 490-43

Part#: 6000.1001; POWER CORD USA-VERSION Power Cord (125V) 3xAWG18, 2.0 m. related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 0.04	LOT	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 0.04

Item # 16  
Class-Item 490-43

Part#: 7000.0067; Chromeleon 7 Bundle WSO Workstation Open Chromeleon 7 - WorkStation Open, IC related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 3,359.03	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 3,359.03

Item # 17  
Class-Item 490-43

Part#: 7050.0104A; CM7 LICENSE KEY: NEW Chromeleon 7 License Key (Dongle) for New Installation related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 0.01	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 0.01

Item # 18  
Class-Item 490-43

Part#: 076137; PC,DELL,9020,INTEL CORE i7,W7-64,RoHS related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 1,470.41	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 1,470.41

Item # 19  
Class-Item 490-43

Part#: 071664; MONITOR,DELL,U2414H,RoH related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 326.76	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 326.76

Item # 20  
Class-Item 490-43

Part#: LCCONSUMABLESTMO14; LC CONSUMABLES VOUCHER related to Project Research.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 1,440.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 1,440.00

Item # 21  
Class-Item 962-24

Shipping

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 300.00	LOT	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 300.00

TAX: \$ 0.00

FREIGHT: \$ 0.00

TOTAL: \$ 319,999.83

ANY EXCEPTIONS TO PRICING OR DESCRIPTION CONTAINED HEREIN MUST BE APPROVED BY THE TEXAS A&M UNIVERSITY AGENCY PROCUREMENT OFFICE PRIOR TO SHIPPING.

The State of Texas is Exempt from all Federal Excise Taxes.  
State and City Sales Tax Exemption Certificate: The A&M System claims an exemption from taxes under Chapter 20, Title 122A Revised Civil Statutes of Texas for purchase of tangible personal property described in this order, purchased from Vendor listed above as this property is being secured for the exclusive use of the State of Texas.

FAILURE TO DELIVER: If the Vendor fails to deliver these supplies by the promised delivery date or a reasonable time thereafter, without giving acceptable reasons for delay, or if supplies are rejected for failure to meet specifications, the State reserves the right to purchase specified supplies and equipment elsewhere, and charge the increase in price and cost of handling to the Vendor. No substitution or cancellations permitted without prior approval of The Texas A&M University System.

THE TEXAS A&M UNIVERSITY SYSTEM TERMS AND CONDITIONS APPLY.

APPROVED

By: Angel Constancio

Email: agc@tamu.edu

Phone#: (979) 845-3847

BUYER