

AM02 - Texas A&M University

P.O. Date: 7/26/2016

Purchase Order

Purchase Order Number

AM02-16-P026470

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

V E N D O R	Vendor Number: 00042639 Quantachrome Corporation
	DBA QUANTACHROME INSTRUMENTS 1900 CORPORATE DR BOYNTON BEACH, FL 334266650

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	CHEMISTRY DEPT. Attn: Contact CARRIE FREDERIKSEN at (979)845-3216; Email: carrie.frederiksen@chem.tamu.edu CHEMISTRY BLDG. Room 014 Corner of Spence & Ross St. 3255 TAMU COLLEGE STATION, TX 778433255 US Email: purchase@chem.tamu.edu Phone: (979) 845-0411
	ATTN: FMO Accounts Payable 750 Agronomy Road - Suite 3101 6000 TAMU Attn: Email invoices to invoices@tamu.edu Attn: Do not mail invoice if sending via email College Station, TX 778436000 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.: AM02-16-B000474

Payment Terms: Net 30
Shipping Terms: F.O.B., Destination
Freight Terms: Freight Allowed
Delivery Calendar Day(s) A.R.O.: 60

Item # 1
Class-Item 175-00

DynaSorb BT - Automatic gas sorption analyzer

Analysis capabilities include: *Determination of breakthrough curves, *Investigation of kinetic performance of adsorbents, *Investigation of co-adsorption and displacement phenomena, *Determination of sorption selectivity, *Reasonable downscaling of technical separation processes, *Dynamic adsorption and desorption experiments; *Determination of single- and multi-component adsorption data, *Investigation of heat profiles along the adsorber bed.

Cable of handling both low gas flow rates and higher gas flow rates up to 40 L/min. Instrument must be configured with at least 2 highly accurate mass flow controllers(not included in instrument) and may have up to 4 total. Built in thermal conductivity detector measures small changes in gas concentration, however, a mass spectrometer may be coupled with the unit for higher degrees of analysis resolution.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 70,240.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 1,300.00	\$ 71,540.00

LN/FY/Account Code	Dollar Amount
1/16/02-CHEM-00050-246237-00181-8422----842242-N-AA-CD-SC-L--	\$ 7,869.40
1/16/02-CHEM-04600-446291-00001-8422----842242-Y-AA-CD-SC-F-302003593-814001370	\$ 63,670.60

Item # 2
Class-Item 175-00

Evaporator Option, 110 - Direct liquid injection into a heated tube which vaporizes the liquid. The vapor is diluted in a heated manifold (60 degree C) to produce the desired partial pressure of vapor.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 13,600.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 13,600.00

<u>LN/FY/Account Code</u>	<u>Dollar Amount</u>
2/16/02-CHEM-04600-446291-00001-8422----842242-Y-AA-CD-SC-F-302003593-814001370	\$ 13,600.00

Item # 3
Class-Item 175-00

Mass Flow Controller for DynaSorb, 2.0 L/m - for maximum flow rates from as small as 2% of full scale to 2.0 L/min.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
2.00	\$ 3,760.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 7,520.00

<u>LN/FY/Account Code</u>	<u>Dollar Amount</u>
3/16/02-CHEM-04600-446291-00001-8422-----Y-AA-CD-SC-F-302003593-814001370	\$ 7,520.00

Item # 4
Class-Item 175-00

Mass Flow Controller for DynaSorb, 1.0 L/m - Allows for maximum flow rates from as small as 2% of full scale to 1.0 L/min.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 3,760.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 3,760.00

<u>LN/FY/Account Code</u>	<u>Dollar Amount</u>
4/16/02-CHEM-04600-446291-00001-8422-----Y-AA-CD-SC-F-302003593-814001370	\$ 3,760.00

Item # 5
Class-Item 175-00

Small Adsorber Column - 1cm x 6xm column for use with small sample volumes.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 2,560.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 2,560.00

<u>LN/FY/Account Code</u>	<u>Dollar Amount</u>
5/16/02-CHEM-04600-446291-00001-8422-----Y-AA-CD-SC-F-302003593-814001370	\$ 2,560.00

Item # 6
Class-Item 175-00

DynaSorb BT Reference Material I- Standard Material: 50 g for instrument test (1 x filling of standard reactor)

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

LN/FY/Account Code

6/16/02-CHEM-04600-446291-00001-8422-----Y-AA-CD-SC-F-302003593-814001370

Dollar Amount

\$ 0.00

Item # 7
Class-Item 175-00

Controller/Data Management Module (PC) - Dell Optiplex or equivalent equipped with Windows 7 Professional or newer. To include 19" Flat Screen Monitor

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 1,080.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 1,080.00

LN/FY/Account Code

7/16/02-CHEM-04600-446291-00001-8422-----Y-AA-CD-SC-F-302003593-814001370

Dollar Amount

\$ 1,080.00

Item # 8
Class-Item 175-00

Advanced DynaSorb BT Operator Training Course - 2 day courses to provide an effective balance of hands on practical knowledge and theoretical background.

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

Item # 9
Class-Item 175-00

DynaSorb Temperature Controller/Circulator - provides selection and thermostating of analysis temperature between -20 to 90 degrees C.

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 4,000.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 4,000.00

LN/FY/Account Code

9/16/02-CHEM-00050-246237-00181-8422-----N-AA-CD-SC-L--

Dollar Amount

\$ 4,000.00

Item # 10
Class-Item 175-00

Recirculation Breaker - Includes recirculating beaker temperature probe, circulator quick connector, beaker stand, hose, and hose clamps

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	\$ 800.00	EA	0.00 %	\$ 0.00		\$ 0.00	\$ 0.00	\$ 800.00

LN/FY/Account Code

10/16/02-CHEM-00050-246237-00181-8422-----N-AA-CD-SC-L--

Dollar Amount

\$ 800.00

TAX: \$ 0.00

FREIGHT: \$ 1,300.00

TOTAL: \$ 104,860.00

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.

APPROVED

By: Angel Constancio

Email: agc@tamu.edu

Phone#: (979) 845-3847

BUYER

The Terms and Conditions of the State shall prevail.

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.

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