

## Event Summary - Raman Microscope System

Type	Invitation to Bid	Number	02-TAMU-ITB-3852
Organization	TAMU	Currency	US Dollar
Event Status	Under Evaluation	Work Group	CLM - Texas A&M University
Exported on	10/17/2022	Exported by	Jim Nelms
For Requisition	162875447	Created Document	-
Estimated Value	167,746.00 USD	Payment Terms	-

## Bid and Evaluation

Respond by Proxy	Allow	Use Panel Questionnaire	No
Sealed Bid	Yes	Auto Score	No
		Cost Analysis	No
Alternate Items	No		

## Visibility and Communication

Visible to Public Yes


Enter a short description for this public event

*Raman Microscope System*

## Commodity Codes

*None Added*

## Event Dates

Time Zone	CDT/CST - Central Standard Time (US/Central)
Released	-
Open	9/30/2022 12:00 PM CDT
Close	10/17/2022 2:00 PM CDT
Sealed Until	10/17/2022 2:00 PM
	 Show Sealed Bid Open Date to Supplier
Q&A Close	10/6/2022 5:00 PM CDT

## Description

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### Attention Bidders:

Texas A&M, Procurement Services is processing through an E-commerce system for all invitation for bids and purchase orders. We are asking all vendors to take a few moments and register as one of our vendors. This will allow you to respond to our bid invitations electronically as well as view other bid opportunities.

Please visit the following website to register:

<https://bids.scquest.com/apps/Router/PublicEvent?CustomerOrg=TAMU>

If you have any questions in reference to registrations, please contact us at 979-845-2325.

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All invitation for bid documents not submitted electronically via the AggieBid system will not be accepted.

For emergencies, contact us at 979-845-2325.

At this time, no email responses are acceptable. If your response is received via email, your response may be disqualified.

All invitation for bid documents not submitted electronically via the AggieBid system must be returned on our form.

As a bidder responding to this invitation upon submission of your response, regardless of the format of your submission, you and the entity you represent are agreeing to the terms and conditions presented here as well as the TAMU terms and conditions located at [http://purchasing.tamu.edu/\\_media/tamu-bid-terms1.pdf](http://purchasing.tamu.edu/_media/tamu-bid-terms1.pdf)

ANY QUESTIONS REGARDING THIS BID, PLEASE CONTACT JIM NELMS AT JANELMS@TAMU.EDU

★ Required Product Line Items

#	Item Name, Commodity Code, Description	Qty.	UOM	Target Price	Allow Alternates	Requested Delivery
P1.1	<p>XploRA PLUS Confocal Raman Microscope.</p> <p>41111727 - Projection microscopes   5751 &lt;\$5k, 8422 / XploRA PLUS Confocal Raman Microscope.</p> <p>***</p> <p>Includes as follows:</p> <p>(1) Research grade optical microscope - Olympus BX, complete microscope with 2 position motorized white light illuminator including 5 MPix CMOS video camera, PC controlled Koehler Illumination by reflection (LED eqv 100W) /transmission (LED eqv 30W) with lamp housings, Abbe condenser, and 3 objectives 5x (NA = 0.1, WD=19mm), 10x (NA=0.25, WD 10.6mm) and 100x (NA=0.9 WD=0.21mm). Internal USB color camera for simultaneous sample and laser observation.</p> <p>(2) XploRA PLUS Raman system including:</p> <ul style="list-style-type: none"> <li>- Integrated imaging spectrometer with 4 gratings (600, 1200, 1800 and 2400gr/mm) mounted on motorized turret for full resolution, range and coverage</li> <li>- HORIBA Scientific CCD detector, TE air cooled, 1024x256 pixel, low noise full range CCD chip format for sensitivity and range</li> <li>- Motorized computer controlled twelve (12) laser power adjustments down to 0.01%</li> <li>- Motorized computer controlled confocal pinhole (for confocal and macro sampling)</li> <li>- Motorized computer controlled entrance slit for resolution selection independent of confocal volume</li> <li>- Motorized computer controlled coupling optics, laser and filter selection</li> </ul> <p>(3) Computer and spectroscopic software suite</p> <p>LabSpec6 spectral software suite for easy acquisition and analysis of Raman data. Includes control of the hardware and acquisition parameters, AUTO calibration, customizable methods, FLAT fluorescence subtraction, peak label and fit, image capture, smoothing, spectral subtraction etc. 1+6 software licenses package (1 license for system control; 6 licenses for processing including one license on system computer).</p> <p>Computer with Win10 64bit, 27" TFT screen, mouse and keyboard, I7 processor, 16 GB RAM, 256 GB SSD + 2 TB SATA HD.</p> <p>(4) QC certification and electronic manuals, HORIBA certified reference sample and sample test kit.</p> <p>System specification: spectral resolution</p> <p>A- with 532nm laser &lt;=1.4 cm -1 with 2400 gr/mm average measured between 2300-3200 cm -1</p> <p>B- with 638nm laser &lt;=1.2 cm -1 with 2400 gr/mm average measured between 800-1600 cm -1</p> <p>C- with 785nm laser &lt;=1.2 cm -1 with 1800 gr/mm average measured between 1000-1600 cm -1</p> <p>Ship-To-Address - Attn Banerjee/Rachel Davidson Chemistry Dept. Chemistry Bldg. Room 014 Corner of Spence/Ross St. 3255 TAMU College Station, TX 77843-3255 United States</p>	★	1	EA - Each	-	-
P1.2	<p>532 nm laser kit including air cooled solid state laser (532 nm/100 mW), Edge and Bandpass filter...</p> <p>41100000 - Laboratory and scientific equipment   5751 &lt;\$5k, 8422 / 532 nm laser kit including air cooled solid state laser (532 nm/100 mW), Edge and Bandpass filters set at 532 nm for measurements from 60 cm-1.</p> <p>Ship-To-Address - Attn Banerjee/Rachel Davidson Chemistry Dept. Chemistry Bldg. Room 014 Corner of Spence/Ross St. 3255 TAMU College Station, TX 77843-3255 United States</p>	★	1	EA - Each	-	-



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P1.7	2-yr of subscription to Full Collegial Support (FCS) program. ted.	★	1	EA - Each	-	-
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41100000 - Laboratory and scientific equipment | 5751 <\$5k, 8422 / 2-yr of subscription to Full Collegial Support (FCS) program.

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P1.8	Annual XploRA Basic Service Contract including 1 PM visit during the contract period; 4 hours of ...	★	1	EA - Each	-	-
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41100000 - Laboratory and scientific equipment | 5751 <\$5k, 8422 / Annual XploRA Basic Service Contract including 1 PM visit during the contract period; 4 hours of remote diagnostic support; unlimited telephone support; 5% discount for all repair parts; and 5% discount off labor and travel rates for additional emergency

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P1.9	Packaging and Handling	★	1	EA - Each	-	-
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78100000 - Mail and cargo transport | 5650 / Packaging and Handling

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P1.10	Freight	★	1	EA - Each	-	-
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78100000 - Mail and cargo transport | 5650 / Shipping, 77843

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P1.11	Trade-In: Discount Requested	★	1	EA - Each	-	-
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41100000 - Laboratory and scientific equipment | 5751 <\$5k, 8422 / Trade-In: Discount  
Texas A&M University has a Labram HR for Trade-In.

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P1.12	SWIFT Ultra-Fast Raman imaging package. Includes software and electronics upgrade.	★	1	EA - Each	-	-
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41100000 - Laboratory and scientific equipment | 5751 <\$5k, 8422 / SWIFT Ultra-Fast Raman imaging  
package. Includes software and electronics upgrade. Three modes are included by default with the  
motorized XYZ stage.

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# Service Line Items

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There are no Items added to this event.

# Price Components

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There are no Price Components added to this event.