

# CITY OF HIGH POINT

## AGENDA ITEM



<b>TITLE:</b> Sole Source Purchase- Leica Microsystems Inc.-Comparison Microscope	
<b>FROM:</b> C. H. Cheeks, III, Interim Chief of Police	<b>MEETING DATE:</b> June 3, 2024
<b>PUBLIC HEARING:</b> N/A	<b>ADVERTISED DATE/BY:</b> N/A
<b>ATTACHMENTS:</b> Quote Sole Source Form & Letter	

**PURPOSE:** To request approval to procure a Comparison Microscope for the Police Department's Firearms & Toolmark Examiner from Leica Microsystems Inc.

**BACKGROUND:** In June 2023, the Firearms & Ballistics Examiner position was filled to further our mission as an agency as we work to combat crime. This position was needed and created due to the work of our patrol officers, crime scene technicians, intel analysts, property room clerks, and detectives. A significant spike in gun-related crime over the past 3 years is a substantial reason for adding this role.

A Firearms & Ballistic Examiner examines and identifies firearms, weapons, cartridges, bullets, and similar evidence in criminal investigations; collects physical evidence at crime scenes; testifies in court concerning the results of examinations; provides testimony on general firearms capability and examination methodology and completes other related work. The employee in this role is assigned to a specialized position responsible for examining and classifying, analyzing, examining, and identifying firearms, cartridge casings, and ammunition in the Police Department's Investigation Division. The Firearms & Ballistic Examiner is on-call to respond to gun crimes, assaults, homicides, officer-involved shootings, or any scene that may require shooting reconstruction.

A comparison microscope is utilized by Firearms Examiners to make critical decisions on whether two pieces of ballistic evidence can be associated and linked with each other. It will be one of the most regularly used pieces of equipment within the Ballistics Office.

Leica Microsystems Inc. is a manufacturer of microscopes and accessories including the Leica FS C Comparison Microscope. This product is only supplied directly from Leica Microsystems.

**BUDGET IMPACT:** Funds have been identified within the Police Department's FY 2023-2024 budget.

**RECOMMENDATION/ACTION REQUESTED:** The Police Department is recommending that the Council authorize a purchase with Leica Microsystems Inc. for a Comparison Microscope in the amount of \$83,810 using General Budget Funds.



# CITY OF HIGH POINT

## AGENDA ITEM



# From Eye to Insight



Quote #: QU-0759538-A

Date 4/23/2024

Valid Until 4/27/2024

High Point Police Dept.

Forensics

Fire Arms

1730 Westchester Drive

High Point

North Carolina

USA

27262

Samantha Edmonds

[samantha.hadley@highpointnc.gov](mailto:samantha.hadley@highpointnc.gov)

(336) 887 6777

## QUOTATION

Sales Contact

Andrew Swindler

[andrew.swindler@leica-microsystems.com](mailto:andrew.swindler@leica-microsystems.com)

Customer Service Contact

Ms Princess Todd

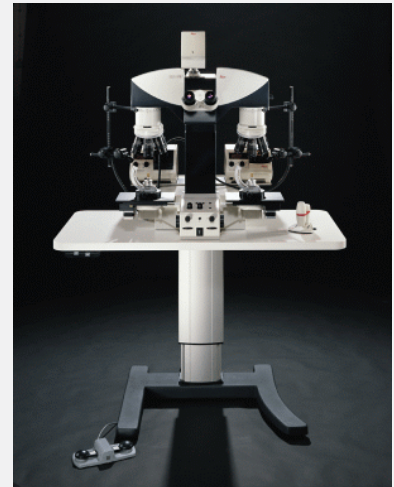
Phone: (224)7270399

Fax: 847-236-3009

[princess.todd@leica-microsystems.com](mailto:princess.todd@leica-microsystems.com)

### FS C (Ammunition and Toolmarks)

Leica FSC comparison microscope basic stand with height-adjustable motorized column (Z-range 255 mm), incl. motorized comparison bridge with four push button operated comparison modes with integrated +/- 4 % zoom adaptation , integrated tilting ergo-binocular viewing port (5 - 35 degree, FOV = 22 mm, upright & non-reversed image), microphoto & video documentation port, motorized magnification changer with factor = 1x and 1,5x, two macro carrier with macro tube lens, filter slots and coded 6-fold objective turret with M 32x0.75 thread, two motorized X-Y stages (160 x 220 mm with glas insert 80 x 80 mm and travel range = 50x50 mm), integrated operating panel for the control of the bridge functions, motorized focussing, motorized X-Y movement of the stages, remote control of two cold light sources (KL 2500), two 4-axes oblique light carrier for the 4.5 mm fiber optics light guide or cold light bar.



FSC Comparison Unit				
#	Items	Quantity	List Price	Net Price
10	<b>Leica FSC stand with comparison bridge</b> 11581105  Leica FSC comparison microscope basic stand with height-adjustable motorized column (Z-range 255 mm), including motorized comparison bridge with four push button operated comparison modes with integrated +/- 4 % zoom adaptation, integrated tilting ergo-binocular viewing port (5 - 35 degree, FOV = 22 mm, upright & non-reversed image), microphoto & video documentation port, motorized magnification changer with factor = 1x and 1,5x, two macro carrier with macro tube lens, filter slots and coded 6-fold objective turret with M 32x0.75 thread, two motorized X-Y stages (160 x 220 mm with glas insert 80 x 80 mm and travel range = 50x50 mm), integrated operating panel for the control of the bridge functions, motorized focussing, motorized X-Y movement of the stages, remote control of two cold light sources	1	51,296.00	51,296.00
20	<b>Dust cover for Leica FSC</b> 11581083  Dust cover for Janus, red dustcover with white Leica Logo.	1	181.00	181.00
30	<b>Smart Move black for Leica FS C</b> 11581142	1	1,081.00	1,081.00
40	<b>Eyepiece HC PLAN s 10x/22 Br. M</b> 11507820  Eyepiece HC PLAN s 10x/22 Br. M Eyepieces with 10x magnification and 22mm field of view. Ideal for fatigue-proof screening. Useable with or without glasses. Dioptric adjustment. A reticule can be added.	2	358.00	716.00
<b>Section Net Subtotal</b>			<b>USD 53,274.00</b>	

Motorized Workbench				
#	Items	Quantity	List Price	Net Price
50	<b>CSI Workbench</b> 11581137  CSI Workbench - Width 1200mm - Depth 650mm / 850mm - Height 620mm - 920mm (stepless motorized height adjustment)	1	4,397.00	4,397.00

#	Items	Quantity	List Price	Net Price
60	PC mount 11581136	1	338.00	338.00
	PC mount - Width 170mm / 237,5mm - Height 430mm - Depth 450mm for adaptation onto CSI workbench (on right or left side feet)			
Section Net Subtotal			USD 4,735.00	

### Objectives

#	Items	Quantity	List Price	Net Price
70	Obj.PL APO MACRO 0.4x/0.014-0.003-/ 62.0 11581046	2	1,959.00	3,918.00
	Apochromatic corrected macro objective 0.4x, nummerical aperture = 0.014 - 0.003, 5-step arresting aperture diaphragm for optimal contrast & depth of field setting, FWD = 60mm			
80	Obj. M PL APO MACRO 1x/0.035-0.006-/62.0 11581047	2	1,802.00	3,604.00
	Apochromatic corrected macro objective 1x, telecentric optics, nummerical aperture = 0.035 - 0.006, 5-step arresting aperture diaphragm for optimal contrast & depth of field setting, FWD = 60mm			
90	Obj. M PL APO MACRO 2x/0.07-0.01-/ 62.0 11581048	2	1,802.00	3,604.00
	Apochromatic corrected macro objective 2x, telecentric optics, nummerical aperture = 0.07 - 0.01, 5-step arresting aperture diaphragm for optimal contrast & depth of field setting, FWD = 60mm			
100	Obj. M PL APO MACRO 4x/0.14-0.03 -/ 11581049	2	1,802.00	3,604.00
	Apochromatic corrected macro objective 4x, telecentric optics, nummerical aperture = 0.14 - 0.03, 5-step arresting aperture diaphragm for optimal contrast & depth of field setting, FWD = 60mm			
Section Net Subtotal			USD 14,730.00	

Illumination System				
#	Items	Quantity	List Price	Net Price
110	<b>Platform, rotatable w. articulating arm</b> 11581088	2	1,478.00	2,956.00
	Platform, rotatable with short articulating arm for universal holder or 75mm ball-joint table.			
120	<b>LED Coldlight source CLS350 LED</b> 11581140	1	2,230.00	2,230.00
	LED Coldlight source Leica CLS350 LED, with cable for intensity remote control via the FSC front operating knobs			
130	<b>Tray for two cold light sources</b> 11581086	1	310.00	310.00
	Stainless steel carrier plate for two cold light sources, attachable to the Leica FSC basic stand			
140	<b>Flex light guide 2-arm 5/1000</b> 30150222	1	354.00	354.00
150	<b>Holder for focussing lens a. filter</b> 30161101	2	40.00	80.00
160	<b>Cold light illumination bar</b> 11581089	2	459.00	918.00
	Cold light illumination bar for broad homogeneous illumination, active area = 3.2 x 1.2 inch, housing size = lengths: 5.5 inch, width: 2 inch, height: 1 inch, light current = 225 lm with KL2500 LCD at pos. 6E in combination with 9mm light guide			
170	<b>MV LED Spot illuminator 6500K</b> 33000076	2	354.00	708.00
	MV LED Spot Illuminator Requires either MV CoolControl Standard or Requires either MV CoolControl Advanced Controller The housing to a has a M6 threaded hole for mounting to optional adapters. Housing is also threaded for additional filters. Outside Diameter: 25mm Light angle from lens, 10° Power: 3.5 Watt Color temperature: 6500 K (daylight)			
180	<b>MV CoolControl Advanced 3-Channel</b> 33000074	1	981.00	981.00
	Micro Vision CoolControl Advanced 2-Channel, with power supply and USB cable Dimmable			

#	Items	Quantity	List Price	Net Price
	Segmentation and rotation for ringlight Software optional erhältlich (for strobe and other features)			
190	<b>Diffusor attachment</b> 11532730	2	114.00	228.00
200	<b>Joint arm w. holder f. fibre-optic light</b> 11581003  Articulated arm with catch device for mounting the flexible fibre-optic guides.	2	455.00	910.00
<b>Section Net Subtotal</b>			<b>USD 9,675.00</b>	

<b>Sample holders</b>				
#	Items	Quantity	List Price	Net Price
210	<b>Tilting stage 75mm, attachable, single</b> 11581031  Tiltable stage diameter 75 mm, with grooved profile and tilting fixture up to 45°, clamping device for stage inclination setting .	2	849.00	1,698.00
220	<b>Object clamp Pol</b> 11553408  Object clamp for pol rotating stage	4	38.00	152.00
230	<b>Universal adjustable holder</b> 11581056  Universal adjustable holder with rotating disc To mount various push in mounts, inclinable in segmental guides, scale divisions for reproducible rotation and inclination settings, dovetail guide for lateral displacement of the segmental guides, reflection-minimizing black surface.	2	1,497.00	2,994.00
240	<b>Attachm. for mounting and fixing bullets</b> 11520220  Attachment for mounting and fixing bullets of various sizes.	2	641.00	1,282.00
250	<b>Spring loaded centering device f.bullets</b> 11520221  Centring Device mounts to Bullet Holder(11520220)	2	96.00	192.00
260	<b>Rubber armored pressure plate f. bullets</b> 11520222	2	110.00	220.00

#	Items	Quantity	List Price	Net Price
	Pressure plate mounts to Universal Bullet/Cartridge Manipulator, Use with the Bullet holder (11520220) and Centering device (11520221)			
270	<b>Cementing stages dia. 20 mm, pair</b> 11520276 Pair of cementing stages dia. 20 mm for mounting bullets and objects of various sizes.	1	151.00	151.00
280	<b>Pair of spring mounts f.hunt.cartr.cases</b> 11520686 Pair of spring mounts for hunting cartridge cases.	1	290.00	290.00
290	<b>Pair of articulated holder</b> 11520328 Pair of articulated holder with ball joint and tiring screw for tilting and rotating cartridge cases.	1	785.00	785.00
300	<b>Pair of receptacle f. caliber 0.22</b> 11520223 Pair of receptacle, both for cartridge cases, caliber 0.22	1	181.00	181.00
310	<b>Pair of receptacle f. caliber 6.35</b> 11520224 Pair of receptacle, both for cartridge cases, caliber 6.35	1	181.00	181.00
320	<b>Pair of receptacle f. caliber 7.65</b> 11520225 Pair of receptacle, both for cartridge cases, caliber 7.65	1	181.00	181.00
330	<b>Pair of receptacle f. caliber 7.63 M</b> 11520226 Pair of receptacle, both for cartridge cases, caliber 7.63 M.	1	181.00	181.00
340	<b>Pair of receptacle f. caliber 9</b> 11520227 Pair of receptacle, both for cartridge cases, caliber 9	1	181.00	181.00
350	<b>Pair of receptacle f. caliber 0.45</b> 11520228 Pair of receptacle, both for cartridge cases, caliber 0.45	1	181.00	181.00



#	Items	Quantity	List Price	Net Price
360	Pair of pin mounts for caliber 10 11581085	1	161.00	161.00
370	Miniature vise, 75x25x25 mm 11581124	2	317.00	634.00
380	FSC adapter for bench vise 11581126	2	30.00	60.00
390	Accessorie case - Leica FSC 11581084	1	255.00	255.00
400	Brushes for cartidge cases 11581111 Set of Brushes (3 pairs) for Cal. 0.22 - 0.45	1	228.00	228.00
Section Net Subtotal			USD 10,188.00	

### Calibration Standards

#	Items	Quantity	List Price	Net Price
410	Micrometer f. FS C/FS M (10mm =100 div.) 11519963 White micrometer for FS C/FS M (10 mm = 100 divisions)	2	406.00	812.00
Section Net Subtotal			USD 812.00	

### FS C (Ammunition and Toolmarks)

Product Net Subtotal USD 93,414.00

### Cameras for LAS X

[See Online](#)

Camera				
#	Items	Quantity	List Price	Net Price
420	<b>Leica K3C</b> 11547114	1	3,577.00	3,577.00
	<div>Leica K3C</div> <div>A 6.3 MP color camera that delivers a well-balanced feature set with high frame rates, good dynamic range and true color reproduction for life science and industry applications. It's ideal for imaging samples like tissue and cells as well as cleanliness, metal alloys, especially steel and forensics.</div> <div><div><div>- color CMOS sensor</div><div>- Pixel size 2.4 µm x 2.4 µm</div><div>- Color filter RGB (Bayer)</div><div>- Color depth 3x12 bits</div><div>- Exposure time 1 ms - 1 s</div><div>- Dynamic range &gt;72 dB</div><div>- Fast live image 3072 x 2048 pixel with up to 15 frames per sec (software-triggered and depending on the bit depth, exposure time and PC performance)</div><div>- Gain 1x - 251x</div><div>- Supported operating systems Win10</div></div><div>Recommended c-mount adapters: Stereo Microscope: 0.50x No 10450528 Compound Microscope: 0.55x No: 11541544 Interface: USB3 The K3C camera kit includes camera head, USB3 cable with screw-lock connectors, DVD with instruction for use, and a quick start guide.</div></div>			
430	<b>C-Mount HC 0.55x</b> 11541544	1	818.00	818.00
	C-mount adapter 0.55x HC, for 1/2" and 0.55" cameras			
Section Net Subtotal			USD 4,395.00	
Cameras for LAS X				
Product Net Subtotal			USD 4,395.00	

## Software

[See Online](#)

#	Items	Quantity	List Price	Net Price
440	<b>Dongle for LAS X optional modules</b> 11640879 Dongle is required to add additional modules to the LAS X Core module.	1	399.00	399.00
450	<b>LAS X Industry Core</b> 11640620	1	3.00	3.00
460	<b>LAS X Extended 2D Annotations</b> 11640564 LAS X "LAS X Extended 2D Annotations" provides comprehensive facilities for annotating live or stored images with freely drawn text, lines, arrows, circles, rectangles and distance measurements. All actions can be reversed by means of Undo. The annotation may be merged into the image for a permanent record and copied to another image.	1	1,372.00	1,372.00
470	<b>LAS X Measurements</b> 11640559 Measurements is a LAS X software module designed to simplify the manual tasks involved in generating measurement parameters such as length, distance, area, perimeter, diameter and angles. All measurements are displayed in an interactive table and can be exported to excel or used to generate reports.	1	1,774.00	1,774.00
480	<b>W1 Workstation</b> 11640711 W1 Workstation; Small Form Factor PC with compact design - restrictions for usage of PCIe boards apply specifications: - Win10 OS, optimized for performance in conjunction with Leica LAS X - Core i5-12600K Processor (3,7GHz, 10 cores) - For LAS X ID relevant CPU mark value as of www.cpubenchmark.net: 27786 - 16GB RAM DDR5 4800 - NVidia Quadro T400 (4 GB) - 512GB SSD - Fast Main Drive for OS, executable programs and temporary data handling - 2TB HDD - Large secondary drive for storage of comprehensive data sets; Others;; HP 5/5/5 Warranty – provided by HP manufacturer for the PC and its hardware components	1	2,814.00	2,814.00
490	<b>Keyboard US ;USB Hub</b> 11600220 Keyboard US USB Hub	1	92.00	92.00

#	Items	Quantity	List Price	Net Price
500	HP E27k G5 27" UHD 11533663	1	499.00	499.00
Section Net Subtotal			USD 6,953.00	

**Software**

Product Net Subtotal USD 6,953.00

**Quotation Totals**

Sub Total	USD 104,762.00
Q1 Promo	(20.00%) -20,952.40
Grand Total Excluding Taxes	USD 83,809.60

*Total open market list price 104,762.00*

*Total overall discount 20.00%*

## Terms and Conditions

Currency: USD

Payment Terms: 30 days from date of invoice

Shipping Terms: Destination - Free Freight

Lead Time: 86 Working Days

Valid Until: 4/27/2024

### Sales Contact

Andrew Swindler

[andrew.swindler@leica-microsystems.com](mailto:andrew.swindler@leica-microsystems.com)

### Customer Service Contact

Ms Princess Todd

Phone: (224)7270399

Fax: 847-236-3009

[princess.todd@leica-microsystems.com](mailto:princess.todd@leica-microsystems.com)

### FINANCING OPTIONS:

LEICA MICROSYSTEMS NOW OFFERS FLEXIBLE CAPITAL AND OPERATING FINANCING OPTIONS AT COMPETITIVE RATES THAT CAN BE TAILORED TO YOUR SPECIFIC CASH FLOW NEEDS. PLEASE CONTACT CHRISTOPHER SCHMELZ (CHRISTOPHER.SCHMELZ@FINANCESVCS.COM | (585) 299-4370) TO LEARN MORE.

PLEASE REFERENCE THIS QUOTATION NUMBER WHEN PLACING YOUR ORDER.

Please fax your order to 847-236-3017 or email: LMS-CustomerService@Leica-Microsystems.com.

Unless a contract between the parties is referenced above, Leica's "USA - Sales Terms and Conditions," available at <https://www.leica-microsystems.com/company/sales-service-terms-and-conditions/>, exclusively apply to this order and any other terms and conditions are null and void.

*This Quotation is Acknowledged and Agreed:*

Signature of Authorization Buyer Representative:		Date:	
Print Name:		Title:	



MICROSYSTEMS




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[www.leica-microsystems.com/science-lab](http://www.leica-microsystems.com/science-lab)

Leica Microsystems Inc  
10 Parkway North, Suite 300  
Deerfield, IL 60015

Phone: 800-248-0123 Ext. 2  
Fax: 847-236-3017

Leica Biosystems and Leica Microsystems are part of Leica Microsystems Inc.



# From Eye to Insight



Courtney Hemphill  
City of High Point  
1730 Westchester Dr  
High Point, NC 27262

Re: Leica Microsystems, Inc. Sole Source Letter-Leica FSC Quote# QU-0759538-A

Dear Courtney,

Leica Microsystems Inc. is a manufacturer of microscopes and accessories including the Leica FS C Comparison Microscope. This product is only supplied directly from Leica Microsystems. Support, installation and training is only authorized to be completed by Leica trained service and sales.

Should you have any questions, please do not hesitate to contact me direct at 470.305.9386 or email: [matt.wingler@leica-microsystems.com](mailto:matt.wingler@leica-microsystems.com).

**Matt Wingler**

Business Development Manager

[matt.wingler@leica-microsystems.com](mailto:matt.wingler@leica-microsystems.com)

M + 1.470.305.9386

**Leica Microsystems**

10 Parkway North Blvd, Suite 300 Deerfield, IL 60015

**SOLE SOURCE JUSTIFICATION FORM**

(For Items Costing **\$10,000.00 or More**)

Statutory Reference N.C.G.S. 143-129(e)6

Requisition # **37939**

Vendor: **Leica Microsystems, Inc.**

Item(s): **Leica FS C Comparison Microscope**

Justification:

Leica Microsystems Inc. is a manufacturer of microscopes and accessories including the Leica FS C Comparison Microscope. This product is only supplied directly from Leica Microsystems. Support, installation and training is only authorized to be completed by Leica trained service and sales.

Estimated expenditure for the above item(s): **83,809.60**

Accounting Unit and Account(s): **101312-533101**

**CHECK ALL ENTRIES BELOW THAT APPLY TO THE PROPOSED PURCHASE.  
ATTACH A MEMO CONTAINING JUSTIFICATION AND SUPPORT  
DOCUMENTATION.**

1. ☐ Performance or price competition for a product are not available.
2. ☒ A needed product is available from only one source of supply.
3. ☐ Standardization or compatibility is the overriding consideration.
4. ☐ The parts/equipment are required from this source to permit standardization.
5. ☐ None of the above applies. A detailed explanation and justification for this sole source request is contained in attached memo and support documentation.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the material or service described in this sole source justification be authorized as a sole source for the material or service.

Department Head/Authorized Personnel

**Curtis H Cheeks III**

Digitally signed by Curtis H Cheeks III  
Date: 2024.04.25 13:00:45 -04'00'

Department/Division

**Police**

Date

**25 April 2024**

APPROVAL PROCESS

Purchasing Manager

Financial Services Director

City Council (\$30,000 – Up)