



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DPS0835

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
JOHN ABBOTT
304-558-2544

VENDOR

RFQ COPY

VASHAW SCIENTIFIC INC
3125 MEDLOCK BRIDGE ROAD
NORCROSS GA 30071

SHIP TO

WEST VIRGINIA STATE POLICE
4124 KANAWHA TURNPIKE
SOUTH CHARLESTON, WV
25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/29/2008	Net 30 Days	Eagle Freight	Norcross, GA	As Quoted

BID OPENING DATE: **06/18/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		490-29	\$ 84,355.00	\$ 84,355.00
<p>ELECTRON MICROSCOPY EQUIPMENT</p> <p>PROVIDE A COMPARISON MICROSCOPE SYSTEM FOR THE WEST VIRGINIA STATE POLICE, PER THE ATTACHED SPECIFICATIONS.</p> <p>VENDOR PREFERENCE CERTIFICATE</p> <p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).</p> <p>A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>() BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>() BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Chris Demaree* TELEPHONE 800-241-5939 DATE 6-10-08

TITLE Bid Coordinator FEIN 58-1329154 ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

SIGNED BID TO:

Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130



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4124 KANAWHA TURNPIKE
 SOUTH CHARLESTON, WV
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
05/29/2008				

BID OPENING DATE: 06/18/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>() BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>() BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID;</p> <p>OR</p> <p>() BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE</p>						

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ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.

BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.

UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.

BIDDER: Vashaw Scientific, Inc.
 DATE: 6/10/08
 SIGNED: Chris Demaree
 TITLE: Bid Coordinator

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE TELEPHONE DATE

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<p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: JOHN ABBOTT-----</p> <p>RFQ. NO.: DPS0835-----</p> <p>BID OPENING DATE: 06-18-2008-----</p> <p>BID OPENING TIME: 1:30 PM-----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY</p>						

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ADDRESS CORRESPONDENCE TO ATTENTION OF
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 304-558-2544**

VENDOR RECORD

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

WEST VIRGINIA STATE POLICE

**4124 KANAWHA TURNPIKE
 SOUTH CHARLESTON, WV
 25309 304-746-2141**

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BID OPENING DATE: **06/18/2008** BID OPENING TIME **01:30PM**

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<p>TO CONTACT YOU REGARDING YOUR BID: Phone: 800-241-5939 x 311 Fax: 770-441-7837</p> <hr/> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): Chris Demaree</p> <hr/> <p>***** THIS IS THE END OF RFQ DPS0835 ***** TOTAL: _____</p>						

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STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: Vashaw Scientific, Inc.

Authorized Signature: Chris Domaree Date: 6-10-08

***FIREARM/TOOLMARK SECTION
MICROSCOPE SYSTEM
BID SPECIFICATIONS***

The West Virginia State Police is soliciting bids for a Leica comparison microscope system or equivalent. The selected vendor must be able to provide all products listed below. Also, the vendor must be able to warrant all products purchased based on the following criteria; any terms and conditions, or variations of the required warranty requirements submitted, may be grounds for disqualification:

- 5 years on all parts
- 2 years on all labor
- 1 year on all electrical systems
- 1 year on all computer systems

Description

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 glass 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

Dust cover for Leica FSC

Ergo-workbench with universal power supply 90V-250V 50Hz-60Hz and motorized height-adjustable column with integrated toggle switch or optional foot pedal operation, table area = 1200 x 560 mm, height adjustment range = 619 mm + 300 mm Z-movement, lifting capacity = 2000 N, load capacity = 200 kg

Work Chair (ergochair)

(2) Obj. PL APO MACRO 0.4x/0.014-0.

(2) Obj. M PL APO MACRO 1x/0.035-0.
Description

(2) Obj. M PL APO MACRO 2x/0.07-0.

(2) Obj. M PL APO MACRO 4x/0.14-0.

(2) Eyepiece HC PLAN s 10x/22 Br.

Tray for two cold light source

(4) Focusing lens f. light guides

(2) Fibre-optics lightguide (d=4.5

Fibre-optics lightguide (d=9.0

(2) Cold light illumination bar

(2) Short articulating arm f. FO 1

(2) Coaxial light equipment, RL

(2) Anti reflection module λ

(4) OBJECT CLAMP SG

(2) Universal adjustable holder

(2) Attachment for mounting and fixi

(2) CENTERING DEVICE

(2) Rubber armored pressure plate

PAIR OF CEMENTING STAGES 20MM

PAIR OF PIN MOUNTS FOR SPORT, CARTRIDGES

PAIR OF HOLDERS W/BALL + SOCKET

PAIR OF PIN MOUNTS FOR CALIBER 0.22

PAIR OF PIN MOUNTS FOR CALIBER 6.35

PAIR OF PIN MOUNTS FOR CALIBER 7.65

Description

PAIR OF PIN MOUNTS FOR CALIBER 7.63 M

PAIR OF PIN MOUNTS FOR CALIBER 9

PAIR OF PIN MOUNTS FOR CALIBER 0.45

PAIR OF PIN MOUNTS FOR CALIBER 10

Accessory case - Leica FSC

Slider with filter, red

Slider with filter CGA

Photo tube C3 T20 binocular

MZ7.5 OPTICS CARRIER > MAG. CHANGER 7.9:1 ZOOM

INCLINED BINOCULAR TUBE, 45 DEGREES

(2) Eyepiece 10x/21B, adjustable

OBJECTIVE ACHROMAT 0.5X FOR M3 SERIES
STEREOMICROSCOPE

HORIZONTAL ARM STAND, BALL BEARING

Vertical column 470/35 mm

Base plate medium

Mount.focus arm, M-series

Dust cover antistatic, small

(2) Cold light source KL 2500 LCD

Flexible light guides 2 arms 4

Cast foot f. lampholder

(2) Adapter 25 mm, f. lampholder

(2) Arm, clampable, f. lampholder
Description

(2) Holder for focusing lens

Continuous ringlight D66mm/L10

(2) Adapter coax. ill. for MZ7.5/MZ

Eyepiece 10x/20 Br.

REDUCING ADAPTER

HC CLAMP HC CLAMP

WILD RINGLIGHT ADAPTER, M5, 1.0X/0.8X/0.63X/0.32X,
DIAMETER 66MM, DIRECT MOUNTING

OPTIPLEX 755 3 TIER IMAGE WORKSTATION WITH PAXIT
IMAGE CAPTURE UPGRADE, PAXCAM ARC DIGITAL CAMERA
AND MEASURING MODULE



3125 Medlock Bridge Road ▶ Norcross, Georgia 30071
770.447.5632 ▶ fax: 770.441.7837
www.vashaw.com

06/05/2008

Mr. John Abbott
Purchasing
West Virginia State Police
4124 Kanawha Turnpike
South Charleston, WV 25309
(304) 746-2141

WHEN ORDERING, PLEASE USE
REFERENCE No. DCD-000857R1

RFQ DPS0835 LEICA FS C FORENSIC MICROSCOPE

11.581.051	Qty 1 @ \$30,075.00/each	\$30,075.00
~LEICA FS C MACRO COMPARISON BRIDGE/STAND		
<ul style="list-style-type: none">▪ Comparison macroscope bridge and stand with motorized vertical column for coarse height adjustment, 255mm travel▪ Motorized comparison bridge with four push button operated comparison modes: full Left, full Right, Overlay, or variable Split with adjustable overlap▪ Magnification adjustment of +/- 4%, with electronic calibration indicator▪ Integrated tilting binocular observation tube, 5-35° inclination, provides 22mm Field-of-View with upright and laterally correct image▪ Eyepieces placed below top of comparison bridge for closer hand-eye position▪ Integrated photo/video port▪ Motorized magnification changer, 1X and 1.5X▪ Two coded six position objective nosepieces, M32 X 0.75 thread, provide parfocal working distance with Plan Apo Macro series objectives▪ Magnification range from 4X to 160X with optional full set of objectives▪ Left and right X/Y motorized stages, 160 x 220 mm, with 80 x 80 mm glass inserts for transmitted illumination, 50 X 50mm travel▪ Speed of motorized stage focus and X/Y traverse selectable for each objective position and automatically engaged when objective is swung into position▪ Integrated front panel control of bridge functions, motorized focusing, motorized stage movement and remote control of two KL 2500 fiber optic illuminators▪ Includes RS-232 I/O interface to computer with control of motorized functions via Leica Application Suite (LAS) software		
11.581.083	Qty 1 @ \$42.00/each	\$42.00
DUST COVER <FS C>		
11.581.072	Qty 1 @ \$2,620.00/each	\$2,620.00
MOTORIZED TABLE, 1200 X 560MM <FS C>		
<ul style="list-style-type: none">▪ Motorized height adjustable table▪ 90-240 Volt/50-60 Hz		
10.399.211	Qty 2 @ \$239.00/each	\$478.00
ARTICULATING ARM WITH ADAPTERS <M6/M6>		
<ul style="list-style-type: none">▪ Fully adjustable freeze lock lamp carrier▪ With special "U" mounting adapters attached to both ends		



Mr. John Abbott
West Virginia State Police
06/05/2008

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DCD.000.326 Qty 2 @ \$42.00/each \$84.00
HOLDER FOR FOCUSING LENS
▪ Leica P/N 31158220

11.581.073 Qty 1 @ \$614.00/each \$614.00
ERGONOMIC CHAIR FOR USE WITH FS C/FS 4000 COMPARISON MICROSCOPE
▪ Ergonomic swivel chair with adjustable seat height and backrest

31.157.420 Qty 1 @ \$456.00/each \$456.00
SCHOTT FULL CIRCLE FIBER OPTIC RINGLIGHT, 66MM DIAMETER
▪ Three thumbscrew clamps for attachment to objectives or mounting collars with diameter of 66mm
▪ 1000mm flexible fiber optic light guide, PVC coated
▪ Proximal diameter: 10mm

11.581.046 Qty 2 @ \$1,140.00/each \$2,280.00
OBJECTIVE, PLAN APO MACRO 0.4X/0.014 - 0.003
▪ Plano apochromatic correction
▪ Free working distance 62.0mm
▪ M32 X 0.75mm thread

10.446.300 Qty 2 @ \$63.00/each \$126.00
SPACER FOR <SD> OBJECTIVES

11.581.047 Qty 2 @ \$1,094.00/each \$2,188.00
OBJECTIVE, M PLAN APO MACRO 1X/0.035 - 0.006
▪ Plano apochromatic correction, telecentric design for accurate measurements
▪ Internal aperture diaphragm with internal clickstops for control of contrast and depth of field
▪ Free working distance 62.0mm
▪ M32 X 0.75mm thread

11.527.002 Qty 1 @ \$137.00/each \$137.00
EYEPIECE, 10X/20 BR. <SINGLE>
▪ Single 23.2mm diameter high eyepoint non-focusing eyepiece
▪ Field-of-view index 20mm

11.581.048 Qty 2 @ \$1,094.00/each \$2,188.00
OBJECTIVE, M PLAN APO MACRO 2X/0.07 - 0.01
▪ Plano apochromatic correction, telecentric design for accurate measurements
▪ Internal aperture diaphragm with internal clickstops for control of contrast and depth of field



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06/05/2008

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- Free working distance 62.0mm
- M32 X 0.75mm thread

DCD.000.327 Qty 1 @ \$50.00/each \$50.00
REDUCING ADAPTER

11.581.049 Qty 2 @ \$1,094.00/each \$2,188.00
OBJECTIVE, M PLAN APO MACRO 4X/0.014 - 0.13

- Plano apochromatic correction, telecentric design for accurate measurements
- Internal aperture diaphragm with internal clickstops for control of contrast and depth of field
- Free working distance 62.0mm
- M32 X 0.75mm thread

DIA.100.025 Qty 1 @ \$119.00/each \$119.00
HC BOTTOM CLAMP FOR LEICA HC PHOTO PORT

- Attaches optical coupler to Leica HC port

11.507.807 Qty 2 @ \$226.00/each \$452.00
EYEPIECE, HC PLAN S, 10X/22 BR. M <SINGLE>

- Single 30mm diameter high eyepoint focusable eyepiece with removable eyecup and rubber ring for protection of eyeglass wearers
- Field-of-view index 22mm
- Accepts 26mm diameter reticles

VLP.100.021 Qty 1 @ \$18.00/each \$18.00
ADAPTER: 66MM RINGLIGHT TO 58MM OBJECTIVE <VOLPI>

- Allows 66mm ringlight to be use with 58mm objective

11.581.086 Qty 1 @ \$181.00/each \$181.00
TRAY TO ACCEPT TWO FIBER OPTIC ILLUMINATORS

- Stainless steel tray which mounts at rear of FS C stand

DCD.000.328 Qty 1 @ \$12,915.00/each \$12,915.00
OPTIPLEX 755 3TIER IMAGE WORKSTATION

- Paxit Image Capture upgrade
- Paxcam ARC Digital Camera & Measurment Module



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10.446.391 Qty 4 @ \$44.00/each \$176.00
FOCUSING LENS FOR FIBER OPTIC LIGHT GUIDE <SCHOTT>

DCD.000.329 Qty 1 @ \$1,250.00/each \$1,250.00
SHIPPING, INSTALLATION , INTEGRATION

11.581.064 Qty 2 @ \$242.00/each \$484.00
DUAL ARM FLEXIBLE FIBER OPTIC LIGHT GUIDE <FS C>

- Randomized bundle
- 4.5mm diameter, 1000mm length

11.581.065 Qty 1 @ \$790.00/each \$790.00
SCHOTT DUAL ARM FLEXIBLE FIBER OPTIC LIGHT GUIDE <1000MM/FS>

- 1000mm flexible fiber optic light guide, PVC coated
- 4.5mm diameter

11.581.089 Qty 2 @ \$266.00/each \$532.00
COLD LIGHT ILLUMINATION BAR

- Provides even diffuse illumination

11.581.053 Qty 2 @ \$2,787.00/each \$5,574.00
COAXIAL ILLUMINATOR MODULE FOR FS C

- Allows incident coaxial illumination to be used
- Includes beam splitter
- Dual rail mechanism allows all components to be removed from optical path when not in use

11.581.091 Qty 2 @ \$222.00/each \$444.00
QUARTER WAVE PLATE ATTACHMENT FOR PLAN APO MACRO SERIES OBJECTIVES

- Slip-on, rotatable quarter wave plate for Plan Apo Macro series objectives

11.600.181 Qty 2 @ \$279.00/each \$558.00
ARTICULATING ARM WITH HOLDER FOR FIBER OPTIC LIGHT GUIDE <SHORT>

- Fully adjustable freeze-lock carrier
- With M6 threaded screw on one end; M8 threaded screw on other end
- With holder to accept fiber optic light guide up to 5mm

11.553.408 Qty 4 @ \$16.00/each \$64.00
STAGE CLIP <POL>



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- Removable stage clip for securing slides to rotating stage

11.581.056 Qty 2 @ \$1,199.00/each \$2,398.00

ARC-TYPE UNIVERSAL BULLET MANIPULATOR <SINGLE>

- 90°+ movement from horizontal to vertical, with scale
- Mounting chuck with 360° rotation accepts wide range of holders and manipulators for bullets, cartridge cases, and toolmarks
- Horizontal displacement mechanism and 360° rotation of mounting base, each with positive locking thumbscrew

11.520.220 Qty 2 @ \$387.00/each \$774.00
BULLET HOLDER

11.520.221 Qty 2 @ \$52.00/each \$104.00
BULLET CENTERING DEVICE

11.520.222 Qty 2 @ \$61.00/each \$122.00
RUBBER FACED PRESSURE PLATE

11.520.276 Qty 1 @ \$84.00/each \$84.00
PAIR OF STAGES <20MM DIAMETER>

- May be used to cement samples to face of stages

11.520.686 Qty 1 @ \$168.00/each \$168.00
PAIR OF VERTICAL MOUNTS <SHOTGUN SHELLS>

11.520.328 Qty 1 @ \$475.00/each \$475.00
PAIR OF ARTICULATING CARTRIDGE CASE HOLDERS

- With ball joint for tilting and rotating cartridge cases

11.520.223 Qty 1 @ \$105.00/each \$105.00
PAIR OF VERTICAL CARTRIDGE CASE HOLDERS <.22 CALIBER>

11.520.224 Qty 1 @ \$105.00/each \$105.00
PAIR OF VERTICAL CARTRIDGE CASE HOLDERS <6.35MM>



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11.520.225 Qty 1 @ \$105.00/each \$105.00
PAIR OF VERTICAL CARTRIDGE CASE HOLDERS <7.65MM>

11.520.226 Qty 1 @ \$105.00/each \$105.00
PAIR OF VERTICAL CARTRIDGE CASE HOLDERS <7.63 M>

11.520.227 Qty 1 @ \$105.00/each \$105.00
PAIR OF VERTICAL CARTRIDGE CASE HOLDERS <9MM>

11.520.228 Qty 1 @ \$105.00/each \$105.00
PAIR OF VERTICAL CARTRIDGE CASE HOLDERS <45 CALIBER>

11.581.085 Qty 1 @ \$90.00/each \$90.00
PAIR OF VERTICAL CARTRIDGE CASE HOLDERS <10MM>

11.581.084 Qty 1 @ \$149.00/each \$149.00
ACCESSORIES CASE <FS C>
▪ Foam insert with cutouts for various bullet holders and small stages

11.581.068 Qty 1 @ \$256.00/each \$256.00
RED FILTER IN SLIDER <FS C>

11.581.067 Qty 1 @ \$256.00/each \$256.00
GREEN FILTER IN SLIDER <FS C>

DCD.000.323 Qty 1 @ \$4,712.00/each \$4,712.00
PHOTOTUBE C3 T20 <BINOCULAR>
▪ Leica P/N 11581043

10.446.371 Qty 1 @ \$1,601.00/each \$1,601.00
LEICA MZ 7.5 STEREO MICROSCOPE OPTICS MODULE
▪ Continuous 7.9:1 zoom magnification changer with multi-coated optics provides upright and laterally correct stereoscopic images and maintains precise focus throughout the entire zoom range
▪ Magnification range is 6.3x to 50x when used with 1.0x main objective and 10x eyepieces
▪ Magnification control knobs located on both side of body
▪ Selectable detents (clickstops) for magnification reproducibility



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- Choice of Achromatic main objectives from 0.32x to 2.0x and Planachromatic/Planapochromatic main objectives from 0.5x to 1.6x
- Total magnification range can be extended from 2.0x to 400x with available supplementary objectives and eyepieces

10.445.619 Qty 1 @ \$617.00/each \$617.00
MZ BINOCULAR OBSERVATION TUBE <45°>

- Interchangeable binocular observation tube inclined 45°
- Interpupillary distance adjustable from 54 to 76mm

10.447.160 Qty 2 @ \$240.00/each \$480.00
MZ 10X/21 B, 10X HIGH EYEPOINT ADJUSTABLE EYEPIECE

- With built-in adjustable eyecup and mount to accept eyepiece reticle

10.422.563 Qty 1 @ \$285.00/each \$285.00
MZ 0.5X ACHROMATIC MAIN OBJECTIVE <SD>

- Achromatically corrected main objective
- Free Working Distance 187mm

10.447.098 Qty 1 @ \$372.00/each \$372.00
HORIZONTAL ARM <BALL BEARING>

- Horizontal arm with ball bearing movement
- Adjustable rear stop for repeatable positioning
- With safety clamping ring
- Accepts 5/8" bonder mount

10.447.008 Qty 1 @ \$117.00/each \$117.00
VERTICAL COLUMN, 470/35MM

- Chromed steel, 470 X 35mm

10.446.436 Qty 1 @ \$204.00/each \$204.00
BASE PLATE, MEDIUM

- Antistatic surfaces to prevent electrostatic discharge
- For use with systems up to 6 kg weight
- 330 X 220mm, 34mm thick, with antistatic surface and vibration dampening feet

10.447.254 Qty 1 @ \$646.00/each \$646.00
MZ FOCUS DRIVE/MICROSCOPE CARRIER <BONDER MOUNT>

- Single knob coarse focus control with 94mm of driven focus



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- With adjustable tension control to accommodate varying weight loads
- With 5/8" bonder mount dowel pin
- With two M5 threaded slots to accept fiber optic light guide carriers
- ESD resistance on knobs and all surfaces

10.447.039 Qty 1 @ \$11.00/each \$11.00
DUST COVER <MZ SERIES MICROSCOPE, SMALL>

31.250.201 Qty 2 @ \$1,132.00/each \$2,264.00
SCHOTT KL 2500 LCD FIBER OPTIC ILLUMINATOR

- 250 watt fiber optic illuminator, 115 Volt/60 Hz
- Stabilized voltage control for variable color temperature to 3300° Kelvin with LCD readout
- Mechanical dimmer for variable intensity while maintaining constant color temperature
- May be controlled remotely
- Accepts fiber optic light guides with active diameters up to 15mm
- Internal filter wheel accepts up to five filters
- Heavy duty housing, stackable
- Fan cooled with rear exhaust exit
- Built-in infrared interference filter provides cool illumination

31.155.204 Qty 1 @ \$235.00/each \$235.00
SCHOTT DUAL ARM FLEXIBLE FIBER OPTIC LIGHT GUIDE <1000MM>

- Distal diameter: 6mm, proximal diameter: 10mm

DCD.000.324 Qty 1 @ \$92.00/each \$92.00
CAST FOOT FOR LAMPHOLDER

- Leica P/N 10399202

DCD.000.325 Qty 2 @ \$65.00/each \$130.00
ADAPTER 25MM FOR LAMPHOLDER

- Leica P/N 10404243

QUOTATION TOTAL \$84,355.00

F.O.B: Norcross, GA
Freight: As Quoted
Delivery: 90 Days A.R.O.
Terms: Net/30 Days
Warranty: Warranty statement available upon request.



3125 Medlock Bridge Road ▶ Norcross, Georgia 30071
770.447.5632 ▶ fax: 770.441.7837
www.vashaw.com

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Tax: Applicable Sales Taxes are not included in this quotation.
FEIN: 58-1329154

This quotation is valid for 45 days.
We accept Visa, MasterCard, American Express and Discover

Quotation Submitted By:

A handwritten signature in black ink, appearing to read "Chris Demaree", written over a horizontal line.

Chris Demaree
Vashaw Scientific, Inc.

Warranty - Optical Microscopy & Specimen Preparation



For service and contract information call 1-800-248-0223

Product Warranted	Duration of Warranty Period
STANDARD OPTICAL INSTRUMENTS OPTICAL AND MECHANICAL DEFECTS MICROSCOPE AND STAND	5 YEARS*
MECHANICAL INSTRUMENTS MANUAL ROTARY MICROTOMES	2 YEARS
HISTOLOGY/ULTRAMICROTOMY INSTRUMENTS AUTOMATED OR SEMI-AUTOMATED MICROTOMES CRYOSTATS & COOLING SYSTEMS TISSUE PREPARATION SYSTEMS, INCLUDING PROCESSORS, COVERSLEIPPERS AND STAINERS ULTRAMICROTOME KNIFEMAKER	1YEAR
ELECTRONIC INSTRUMENTS MICROELECTRONIC SYSTEMS MEASUREMENT AND INSPECTION ANALYTICAL SYSTEMS IMAGE ANALYSIS QUANTITATIVE MICROSCOPY ELECTRON OPTICS SYSTEMS ELECTRON BEAM LITHOGRAPHY	1YEAR
ELECTRONIC ASSEMBLIES POWER SUPPLIES, CONTROLLERS PHOTO SYSTEMS, CAMERA BACKS MOTORIZED STAGES	1 YEAR
THIRD PARTY ELECTRONICS SOFTWARE	MANUFACTURERS' WARRANTY IN ACCORDANCE WITH LICENSE AGREEMENT FOR THE SOFTWARE CONCERNED

*The full warranty stipulated herein shall apply for the first 2 years. For the remaining 3 years, the warranty shall be limited to replacement and shipping cost of the defective parts, excluding labor.

SCOPE AND DURATION OF WARRANTIES
Seller warrants to Buyer that the Leica products to be delivered hereunder will (i) be free defects in material, manufacturing workmanship, and title, and (ii) conform to Seller's applicable product descriptions and specifications, if any, contained in or attached to Seller's quotation. If no product descriptions or specifications are contained in or attached to the quotation, Seller's applicable product descriptions and specifications in effect on the date of shipment shall apply. The criteria for all testing shall be Seller's applicable product specifications utilizing factory-specified calibration and test procedures and instruments.

Any product or part furnished without charge to Buyer during the warranty period to correct a warranty failure shall be warranted to the extent of the unexpired term of the warranty applicable to the repaired or replaced product.

The warranty period shall commence on the date the product is delivered to Buyer; however, if Seller assembles the product, or provides technical direction of such assembly, the warranty period for such product shall commence on the date the assembly of the product is complete. In the event that the assembly of the product is substantially complete, and the customer utilizes the product on an ongoing basis to perform beneficial research or production work, the system warranty start date shall be the date of the commencement of such beneficial customer use of the product, even if certain components, options or accessories included in the order are scheduled for later delivery. The warranty period for any such components, options or accessories delivered after commencement of the system warranty period above shall begin on the date of the completion of the installation of these items.

Detach and Return

Please Print or Type

TS003 07/02

WARRANTY REGISTRATION

Leica Microsystems Inc.

Card must be mailed within 10 days to register your warranty.

Product _____ Model No. _____
 Fabr/Serial No. _____ Invoice Date _____
 Purchased From:
 DEALER NAME _____
 SALES REPRESENTATIVE _____
 USER'S NAME _____
 COMPANY _____
 DEPARTMENT _____ RM # _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 TELEPHONE (_____) _____

Product selection was based on:

- | | | |
|-----------------------------------|--|----------------------------------|
| <input type="checkbox"/> Feature | <input type="checkbox"/> Performance | <input type="checkbox"/> Service |
| <input type="checkbox"/> Warranty | <input type="checkbox"/> Previous Experience | <input type="checkbox"/> Price |
| <input type="checkbox"/> Quality | <input type="checkbox"/> Other(Please Specify) _____ | |

Return this card within 10 days.

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 2345 Waukegan Road
 Bannockburn, IL 60015
 www.leica-microsystems.com

Toll Free (800) 248-0223
 Telephone (847) 405-0223
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WARRANTY EXCLUSIONS

Except as set forth in any applicable patent indemnity, the foregoing warranties are exclusive and in lieu of all other warranties, whether written, oral, express, implied, or statutory. NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. Warranty coverage does not include any defect or performance deficiency (including failure to conform to product descriptions or specifications) which results, in whole or in part, from (1) negligent storage or handling of the product by Buyer, its employees, agents, or contractors, (2) failure of Buyer to prepare or maintain the site or provide power requirements or operating environmental conditions in compliance with any applicable instructions or recommendations of Seller, (3) Adverse power conditions or environmental conditions such as erratic power, voltage spikes, RF or magnetic interference, HVAC failure or other causes beyond the reasonable control of the Seller, (4) absence of any product, component, or accessory recommended by Seller but omitted or removed at Buyer's direction, (5) any design, specification, or instruction furnished by Buyer, its employees, agents, or contractors, (6) any alteration of the product by persons other than Seller, (7) combining Seller's product with any product furnished by others where such combination causes failure of or degradation to performance of Seller's product, (8) combining incompatible products of Seller, (9) improper or extraordinary use of the product, improper maintenance of the product, or failure to comply with any applicable instructions or recommendations of Seller, or (10) acts of God, acts of civil or military authority, fires, floods, strikes or other labor disturbances, war, riot, or other causes beyond the reasonable control of the Seller. Seller does not warrant products of others which are not included in Seller's published product catalog.

BUYER'S REMEDIES

If Seller determines that any product fails to meet any warranty during the applicable warranty period, Seller shall correct any such failure by either, at its option, repairing, adjusting, or replacing without charge to Buyer any defective or nonconforming product, or part or parts of the product. Seller shall have the option to furnish either new or exchange replacement parts or assemblies.

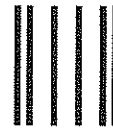
The place of performance for work under warranty shall be the nearest Authorized Service Center. For products forming part of fixed installation, it shall be the site of such installation. The Seller at its sole discretion shall decide the place of performance.

Warranty service during the applicable warranty period will be performed without charge to Buyer during Seller's normal business hours. While every effort will be made to render services promptly, this does not include any guarantees of specific response time or uptime, which may be available for purchase under separate contract. Subject to the availability of personnel, after-hours service is available upon request at an additional charge.

The remedies set forth herein are conditioned upon Buyer promptly notifying Seller with the applicable warranty period of any defect or nonconformance and making the product available for correction at a mutually agreed-upon time.

The preceding paragraphs set forth Buyer's exclusive remedies and Seller's sole liability for claims based on the failure of the products to meet any warranty, whether the claim is in contract, warranty, tort (including negligence and strict liability) or otherwise, and however instituted, and upon the expiration of the applicable warranty period, all such liability shall terminate. In no event shall Seller be liable for special or consequential damages.

For products installed outside the U.S. the above warranties shall not apply. The warranties applicable to such products shall be the warranties provided by the respective Leica selling organization in such countries.



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2345 Waukegan Road, Suite 300
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