

SUBMIT BID TO: PURCHASING DEPARTMENT UNIVERSITY OF CENTRAL FLORIDA 12479 RESEARCH PARKWAY, BLDG. 600 ORLANDO, FL 32826 Phone: (407)823-2661 – Fax (407) 823-5551 www.purchasing.ucf.edu		University of Central Florida INVITATION TO BID Commodities Acknowledgment Form	
Page 1 of Pages 18	BIDS WILL BE OPENED June 22, 2010 @ 2:00p.m.		ITB NO. 1032DC
and may not be withdrawn within 120 days after such date and time.			
UNIVERSITY MAILING DATE: May 21, 2010	ITB TITLE: LEICA OPTICS and Accessories		
FEDERAL EMPLOYER IDENTIFICATION NUMBER OR S.S. NUMBER			
VENDOR NAME		REASON FOR NO BID:	
VENDOR MAILING ADDRESS			
CITY - STATE - ZIP CODE		POSTING OF BID TABULATIONS	
AREA CODE	TELEPHONE NO.	Bid tabulations with intended award(s) will be posted for review by interested parties at the location where the Bids were opened and will remain posted for a period of 72 hours. Failure to file a protest within the time prescribed in UCF Regulation 7.130 (5) shall constitute a waiver of proceedings under that regulation.	
	TOLL FREE NO.		
	FAX NO.		
<u>Government Classifications</u> <u>Check all applicable</u>		<i>I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a bid for the same materials, supplies, or equipment and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder and that the bidder is in compliance with all requirements of the Invitation to bid, including but not limited to, certification requirements. In submitting a bid to an agency for the State of Florida, the bidder offers and agrees that if bid is accepted, the bidder will convey, sell, assign or transfer to the State of Florida all rights, title and interest in and to all causes of action it may now or hereafter acquire under the Anti-trust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the state of Florida. At the State's discretion, such assignment shall be made and become effective at the time the purchasing agency tenders final payment to the bidder.</i>	
☐ African American	☐ American Women		
☐ Asian-Hawaiian	☐ Government Agency		
☐ Hispanic	☐ MBE Federal		
☐ Native American	☐ Non-Minority		
☐ Non-Profit Organization	☐ Pride		
☐ Small Business Federal	☐ Small Business State		

GENERAL CONDITIONS

SEALED BIDS: All bid sheets and this form must be executed and submitted in a sealed envelope. (DO NOT INCLUDE MORE THAN ONE BID PER ENVELOPE.) The face of the envelope shall contain, in addition to the above address, the date, and time of the bid opening and the bid number. Bid prices not submitted on attached bid price sheets when required shall be rejected. All bids are subject to the conditions specified herein. Those which do not comply with these conditions are subject to rejection.

1. EXECUTION OF BIDS: Bid must contain a manual signature of authorized representative in the space provided above. Bid must be typed or printed in ink. Use of erasable ink is not permitted. All corrections to prices made by bidder must be initialed. The company name and F.E.I.D. or social security number must appear on each pricing page of the Bidder as required.

2. NO BID SUBMITTED: If not submitting a bid, respond by returning only this bidder acknowledgment form, marking it "NO BID," and explain the reason in the space provided above. Failure to respond without justification may be cause for removal of the bidder's name from the bid mailing list. NOTE: To qualify as a respondent, bidder must submit a "NO BID," and it must be received no later than the stated bid opening date and hour.

AUTHORIZED SIGNATURE

AUTHORIZED NAME (TYPED/PRINTED)

TITLE

CONTACT NUMBER

3. BID OPENING: Shall be public, on the date, location and the time specified on the bid form. It is the bidder's responsibility to assure that the bid is delivered at the proper time and place of the bid opening. Bids which for any reason are not so delivered will not be considered. Offers by telegram or telephone are not acceptable. A bid may not be altered after opening of the bids unless allowed by the Director of Purchasing in accordance with established procedures.

NOTE: Bid tabulations will be furnished upon written request with an enclosed, self addressed, stamped envelope. Bid tabulations will not be provided by telephone.

4. PRICES, TERMS AND PAYMENT: Firm prices shall be bid and include all services rendered to the purchaser.

(a) TAXES: The University does not pay Federal Excise and Sales taxes on direct purchases of tangible personal property. See tax exemption number on face of purchase order or agreement form. This exemption does not apply to purchases of services in the performance of contracts for the improvement of state-owned real property as defined in Chapter 192, Florida Statutes.

(b) DISCOUNTS: Cash discount for prompt payment shall not be considered in determining the lowest net cost for bid evaluation purposes.

(c) MISTAKES: Bidders are expected to examine the conditions, scope of work, bid prices, extensions, and all instructions pertaining to the services involved. Failure to do so will be at the bidder's risk.

(d) INVOICING AND PAYMENT: All vendors must have on file a properly executed W-9 form with their Federal Employer Identification Number prior to payment processing.

Vendors shall submit properly certified original invoices to:

Finance & Accounting
12424 Research Parkway, Suite 300
Orlando, Florida 32726-3249

Invoices for payment shall be submitted in sufficient detail for a proper pre-audit and post-audit. Prices on the invoices shall be in accordance with the price stipulated in the contract at the time the order is placed. Invoices shall reference the applicable contract and/or purchase order numbers. Invoices for any travel expenses shall be submitted in accordance with the State of Florida travel rates at or below those specified in Sections 112.061 and 287.058 F.S. Travel Reimbursement must be made using the UCF Voucher for Reimbursement of Traveling Expenses available on the web at <http://www.fa.ucf.edu/forms/forms.cfm#>.

Final payment shall not be made until after the contract is complete unless the University has agreed otherwise.

Interest Penalties: In accordance with UCF Policy 3-208, available on-line at <http://www.ucf.edu/president/policies.php>. Vendor interest penalty payment requests will be reviewed by the UCF ombudsman whose decision will be final.

Vendor Ombudsman: A vendor ombudsman position has been established within the Department of Finance & Accounting. It is the duty of this individual to act as an advocate for vendors who may be experiencing problems in obtaining timely payments(s) from the University of Central Florida. The Vendor Ombudsman is Elsa Dantes and can be contacted at (407) 823-1040; email at edantes@mail.ucf.edu or by mail at the address in paragraph 4.(d) above.

The ombudsman shall review the circumstances surrounding non-payment and apply the rules outlined in the UCF Prompt Payment Compliance policy to determine:

- if an interest payment is due;
- the amount of the payment; and
- shall ensure timely processing and submission of the payment request in accordance with University policy.

(e) ANNUAL APPROPRIATION: The University's performance and obligations to pay under this contract are contingent upon an annual appropriation by the Legislature.

5. CONFLICT OF INTEREST: The award hereunder is subject to the provisions of Chapter 112, Florida Statutes. All bidders must disclose with their bid the name of any officer, director, or agent who is also an employee of the University of Central Florida, or any of its agencies. Further, all bids must disclose the name of any State employee who owns, directly or indirectly, an interest of five percent (5%) or more in the bidder's firm or any of its branches.

No person or firm who receives a contract to perform a feasibility study for potential implementation of a subsequent contract, participates in the drafting of a competitive solicitation, or develops a program for future implementation shall be eligible to contract with the University of Central Florida for any

dealing with that specific subject matter in accordance with chapter 255,FS. Bidders must disclose with their bids any such conflict of interest.

6. AWARDS: As the best interest of the University of Central Florida may require, the right is reserved to reject any and all bids or waive any minor irregularity or technicality in bids received. Bidders are cautioned to make no assumptions unless their bid has been evaluated as being responsive. Product substitutions may be submitted for evaluation of equivalency unless specifically indicated otherwise. Vendor shall have burden of proof of equivalency.

7. GOVERNMENTAL RESTRICTIONS: In the event any governmental restrictions may be imposed which would necessitate alteration of the material quality of the services offered on this bid performance of the items offered on this bid prior to their completion, it shall be the responsibility of the successful bidder to notify the purchaser at once, indicating in writing the specific regulation which requires an alteration. The University of Central Florida reserves the right to accept any such alteration, including any price adjustments occasioned thereby, or to cancel the contract at no expense to the University.

8. LEGAL REQUIREMENTS: Applicable provision of all federal, state, county and local laws, and of all ordinances, rules and regulations shall govern development, submittal and evaluation of all bids received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a bid response hereto and the University of Central Florida, by and through its officers, employees and authorized representatives, or any other person, natural or otherwise: and lack of knowledge by any bidders shall not constitute a cognizable defense against the legal effect thereof.

9. ADVERTISING: In submitting a bid, the bidder agrees not to use the results there from as a part of any commercial advertising.

10. ASSIGNMENT: Any Contract or Purchase Order issued pursuant to this Invitation to Bid and the monies which may become due hereunder are not assignable except with the prior written approval of the purchaser.

11. LIABILITY: The supplier shall hold and save the University, its officers, agents, and employees harmless against claims by third parties resulting from the contractor's breach of this contract or the contractor's negligence. This requirement does not apply to contracts between governmental agencies.

12. FACILITIES: The University reserves the right to inspect the bidder's facilities at any time with prior notice.

13. PUBLIC RECORDS: Any material submitted in response to this Invitation to Bid will become a public document pursuant to Section 119.07, F.S. This includes material which the responding bidder might consider to be confidential or a trade secret. Any claim of confidentiality is waived upon submission, effective after opening pursuant to Section 119.07, F.S.

14. EQUAL EMPLOYMENT OPPORTUNITY: The nondiscrimination clause contained in Section 202, Executive Order 11246 as amended by Executive Order 11375 relative to Equal Employment Opportunity for all persons without regard to race, color, religion, sex, or national origin and the implementing rules and regulations prescribed by the Secretary of Labor, are incorporated herein.

15. DEFAULT: Failure to perform according to this bid and/or resulting contract shall be cause for your firm to be found in default in which event any and all reprourement costs may be charged against your firm. Any violations of these stipulations may also result in:

- (a) Contractor's name being removed from the Purchasing Department vendor mailing list
- (b) All State agencies being advised not to do business with the contractors without written approval of the Purchasing Department.

16. CANCELLATION: The University shall have the right of unilateral cancellation for refusal by the contractor to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the contractor in conjunction with the contract.

Introduction

The University of Central Florida, College of Medicine, Burnett School of Biomedical Sciences has opened a new facility at Lake Nona in Orlando Florida. The items for bid will be used in the new building within the Vivarium and research core labs. The Burnett School of Biomedical Sciences is known for its state of the art biomedical research.

1. POSTING OF BID TABULATIONS:
 - A. Bids will be opened at the Purchasing Department at the assigned date and time identified in this ITB.
 - B. Bid tabulations will be posted at the Purchasing Department as soon as possible after bid opening.
 - C. Notice of a decision or intended decision of award will be posted for a period of 72 hours.
 - D. Failure to file a protest within the time prescribed in UCF Regulation 7.130(5), shall constitute a waiver of proceedings under that regulation.
2. BID OPENING: Bids will be received and opened **June 22, 2010 at 2:00 pm** in the Purchasing Department, Orlando Tech Center, 12479 Research Parkway, Bldg. 600, Orlando, Florida. Time of opening will be local date and time at this location. **Bidders will submit an original and 2 copies. BID DOCUMENTS CAN TO BE OBTAINED FROM:**

www.purchasing.ucf.edu

3. ADDITIONAL INFORMATION & QUESTIONS: We encourage questions or comments which might aid in the improvement of our existing specifications. The university will not give verbal answers to inquiries regarding the specifications, or verbal instructions prior to or after award of the bid. A verbal statement regarding same by any person shall be non-binding. The university is not liable for any increased cost resulting from the bidder accepting verbal direction. All changes, if necessary, shall be made by written addendum to the bid.

Any explanation desired by vendors must be requested of the University of Central Florida Purchasing Department in writing by **June 9, 2010 at 3:00 pm**. Inquiries must be legible and concise and must clearly identify the bidder who is submitting the inquiry (clearly identify on cover of envelope that contents inside are only questions concerning the bid and not the actual bid response), and if an explanation is necessary, a reply shall be made in the form of an addendum. **Email questions are preferred**. Specifications, terms and conditions may not be changed except by formal written addendum. A copy of which will be forwarded to each vendor who has received a set of the bid documents from the university. Vendors obtaining bid documents from any other source must notify the University of their name, address, telephone and facsimile numbers in order to receive any addenda.

Direct all inquiries to:

Dorothy Straight
University of Central Florida
Purchasing Department
12479 Research Parkway, Bldg. 600
Orlando, Florida 32826
Ph 407-823-2661
Fax 407-823-5551
dstraigh@mail.ucf.edu

4. DELIVERY: UCF will not be responsible for a vendor delivering or arranging delivery prior to notification. The quoted price will include all freight and in lab delivery to the building. Specify delivery date after receipt of order in terms of days or weeks on bid sheet. Failure to do this may be cause for rejection of bid.

Delivery will be to:
University of Central Florida
Burnett School of Biomedical Sciences
6900 Lake Nona blvd
Orlando FL 32827

5. DEBRIS: Vendor shall be responsible for the prompt removal of all debris from the University of Central Lake Nona job site. Do not use the job site receptacles.
6. PARKING: The successful bidder, if any is selected by the University of Central Florida (UCF), shall ensure that all vehicles parked on campus for purposes relating to work resulting from this bid shall have proper parking permits. This applies to all personal vehicles and all marked and unmarked company vehicles which will be on any UCF campus for one (1) day or more or on a recurring basis. All such vehicles must be registered with UCF's Parking Services Department, and parking permits must be purchased by Bidder.

Bidder's vehicle(s) shall observe all University of Central Florida parking rules and regulations. Failure to obtain parking permits, properly display them, and otherwise comply with all UCF's parking rules and regulations could result in the issuance of a parking ticket and/or towing at the expense of Bidder or Bidder's employee.

For additional parking information contact UCF's Parking Services Department @ 407-823-5812.

6. EMPLOYMENT OF ALIENS: The employment of unauthorized aliens by any Contractor is considered a violation of Section 274A(e) of the Immigration and Nationality Act. If the contractor knowingly employs unauthorized aliens, such violation shall be cause for unilateral cancellation of the contract.
7. AVAILABILITY OF FUNDS: The obligations of the University under this award are subject to the availability of funds lawfully appropriated annually for its purposes by the Legislature of the State of Florida.
8. AWARD: Award is anticipated to be an all or none basis. University will either accept or reject all of your offer.
9. ADDITIONAL QUANTITIES: The University reserves the right to increase or decrease

total quantities necessary. Total additional quantities, if any, are unknown.

10. **CANCELLATION:** The Director of Purchasing, by written notice, may terminate in whole or in part any purchase orders resulting from this invitation, when such action is in the best interest of the University. If purchase orders are so terminated, the University shall be liable only for payment for services rendered prior to the effective date of termination. Services rendered will be interpreted to include costs of items already delivered plus reasonable costs of supply actions short of delivery. For the protection of both parties, this contract may be cancelled in whole or in part by either party by giving thirty (30) days prior notice in writing to the other party.
11. **INSURANCE REQUIRED:** Upon receipt of Letter of Intent and prior to issuance of a Purchase Order, Contract or Notice to Proceed, the Contractor shall obtain all Insurance set forth below and furnish the University an Insurance Certificate which will evidence that all of the appropriate coverage are in full force and effect.

INSURANCE, CONTRACTOR'S PUBLIC LIABILITY AND PROPERTY DAMAGE

The contractor shall take out and maintain during the life of this agreement COMPREHENSIVE GENERAL LIABILITY AND COMPREHENSIVE AUTOMOBILE LIABILITY INSURANCE as shall protect the contractor from claims for damage for personal injury, including accidental death, as well as claims for property damages which may arise from operating under this agreement whether such operations are by the contractor or by anyone directly or indirectly employed by the contractor, and the amount of insurance shall be the minimum limits as follows:

Policy	Coverage
(a) Worker's Compensation	Statutory
(b) Comprehensive General Liability Insurance:	
(1) Bodily Injury Liability	\$1,000,000 each occurrence
(2) Property Damage Liability	\$1,000,000 each occurrence
(c) Comprehensive Automobile Liability Insurance:	
(1) Bodily Injury Liability	\$1,000,000 each occurrence
(2) Property Damage Liability	\$1,000,000 each occurrence
(d) Excess Umbrella Liability	
(1) Combined Single Limit Bodily Injury	\$3,000,000 each occurrence
(2) Injury and/or Property Damage	\$3,000,000 aggregate
(e) Comprehensive Liability to include but not limited to:	
(1) Consumption or Use of Products	
(2) Existence of Vehicles, Equipment or Machines on Location	
(3) Contractual Obligations to Customers	

INSURANCE, LOSS DEDUCTIBLE CLAUSE

The University shall be exempt from, and in no way liable for, any sums of money which may represent a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the contractor providing such insurance.

INSURANCE, SUBCONTRACTOR'S PUBLIC LIABILITY AND DAMAGE PROPERTY

The contractor shall require each subcontractor to secure and maintain during the life of

the subcontract, insurance of the type specified above or insure the activities of subcontractors in their own policy, as specified above.

INSURANCE, WORKER'S COMPENSATION

The contractor shall take out and maintain during the life of this agreement Worker's Compensation Insurance for all of his employees connected with the work of this project and, in case any work is sublet, the contractor shall require the subcontractor similarly to provide Worker's Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor. Such insurance shall comply fully with the Florida Worker's Compensation Law. In case any class of employees engaged in hazardous work under this contract at the site of the project is not protected under the Worker's Compensation statute, the Contractor shall provide, and cause each subcontractor to provide adequate insurance, satisfactory to the University, for the protection of your employees not otherwise protected.

INSURANCE, SOURCE OF INSURANCE

All policies for insurance set forth in this INSURANCE REQUIRED CLAUSE shall be with insurers qualified and admitted by the Florida Department of Insurance to write business in the State of Florida.

13. **USE OF CONTRACT BY OTHER GOVERNMENT AGENCIES:** At the option of the vendor/contractor, the use of the contract resulting from this solicitation may be extended to other governmental agencies, including the State of Florida, its agencies, political subdivisions, counties, and cities.

Each governmental agency allowed by the vendor/contractor to use this contract shall do so independent of any other governmental entity. Each agency shall be responsible for its own purchases and shall be liable only for goods or services ordered, received and accepted. No agency receives any liability by virtue of this bid and subsequent contract award.

14. **PUBLIC ENTITY CRIMES:** A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

15. **IDENTICAL TIE BIDS:** Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

A. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

B. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violation.

C. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

D. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

E. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

F. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, my initials certify that this firm complies fully with the above requirements. Initials: _____

16. **EQUAL OPPORTUNITY STATEMENT:** The State Universities have established equal opportunity practices which conform to both the spirit and the letter of all laws against discrimination and prohibits discrimination based on race, creed, color, sex, age, national origin, marital status or religion. To be considered for inclusion as a supplier under this agreement, the bidder commits to the following:

A. The provisions of Executive Order 11246, September 24, 1996, and the rules, regulations, and relevant orders of the Secretary of Labor are applicable to each order placed against this agreement regardless of value.

B. If the bidder expects to receive \$10,000 in orders during the first 12 months of this agreement, a complete certificate of non-segregated facilities shall be included in the proposal response.

C. If the bidder expects to receive \$50,000 in orders during the first 12 months of this agreement and employs more than 50 people, standard form 100 (EEO-1) must be filed prior to March 1 of each year.

D. If the bidder expects to receive \$50,000 in orders during the first 12 months and employs more than 50 people, a written program for affirmative action compliance must be maintained by the bidder, subject to review upon request by the user agencies of this agreement.

If you have already complied with the above, please initial: _____

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17. **WARRANTY:** The successful bidder shall fully guarantee all items furnished hereunder against defect in materials and/or workmanship for the manufacture's normal period of time from date of acceptance by the University. Should any defect in material or workmanship, excepting ordinary wear and tear, appears during the warranty period. The successful bidder shall repair or replace same at no cost to the University immediately upon written notice from the Director of Purchasing.

18. **Equivalents – Specifications:**When bidding approved equivalent, bidder must indicate on the bid sheet make, model and manufacturer for item being bid on and include complete specifications and descriptive literature with the bid. Failure to do so may be cause for rejection of bid. The university reserves the right to request a sample for evaluation prior to award.

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Bid Sheet

Line Item	Qty	Item Description	Unit Price	Extended Price
001	1	Leica M125 optics carrier, with zoom magnification changer 12, 5:1, APO corrected optics, objective thread M65.		
001		Substitution part number and description		
002	1	Leica M125 optics carrier, with zoom magnification changer 12,5:1, APO corrected optics, objective thread M65.		
002		Substitution part number and description		
003	1	Leica DM2000 stand for Biology and Medicine		
003	1	Substitution part number and description		
004	1	EG1150 combined H & C with On-Site Installation and Instruction		
004	1	Substitution part number and description		
005	1	Leica ASP300 S - Vacuum Tissue Processor - Freestanding unit		
005	1	Substitution part number and description		
006	1	Leica RM2235 - Manual Rotary Microtome		
006	1	Substitution part number and description		

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Line Item	Qty	Item Description	Unit Price	Extended Price
007	1	Leica CM1850 Cryostat Configuration System		
007	1	Substitution part number and description		
008	1	Water Bath Compact		
008	1	Substitution part number and description		
009	1	INSTALLATION		
0010	1	WARRANTY IN YEARS	NO CHARGE	NO CHARGE

Total \$ _____

Does your bid meet our specifications exactly? ____ Yes ____ No

Prices quoted are good for at least _____ days following bid opening.

Delivery will be _____ days after receipt of order

F.O.B. delivered to UCF

Payment terms: _____.

I certify that I am an officer of the company or am otherwise authorized to contract in the name of the company for these items, and that all items bid meet all details of the documents comprising this invitation except as noted above.

 COMPANY NAME

 AUTHORIZED SIGNATURE

 MAILING ADDRESS

 PRINTED NAME

 CITY, STATE, ZIP CODE

 TITLE

 FEDERAL EMPLOYER ID NUMBER

(_____)_____
 PHONE NUMBER

 E-MAIL ADDRESS

(_____)_____
 FAX NUMBER

Appendix I

Leica and Accessories Specifications

1. Bid specification for Leica M125 optics carrier, with zoom magnification changer 12, 5:1, APO corrected optics, objective thread M65.

To include the following minimum specifications:

- a. Trinocular tube 100%, M-series, M165C, M205C.
- b. Eyepiece 10x/23B, adjustable, wide-field eyepiece spectacle wearers, 10x/23B, distortion-free, adjustable, with exchangeable eyecup, designed for using graticules.
- c. Focus drive, coarse/fine for incident and transmitted light for M125, without electronics to integrate LED5000
- d. Transmitted light base TL ST standard transmitted bright field base, 20 W halogen reflector bulb (equivalent to 35 W light intensity), compulsory guided mirror for brightfield and one side oblique (dark field) illumination, clear glass stage plate 170 x 220 mm, Anti-Shock feet, 0-12 V/20VA, 100-240 V, designed for ErgoRest 10447431 and daylight filter.
- e. Objective planapo 1.0x, M-series, working distance 61.5 mm, connection thread M65, 80 mm external diameter for ring light illumination or accessories
- f. Daylight filter for TL ST, day light conversation filter for transmitted light base TL ST
- g. Dual Fiber Optic Light Guide - Focusing Lenses
- h. 150 WATT LIGHT SOURCE, VARIABLE HALOGEN
- i. Power cable, 2 m, with USA plug
- j. Video Objective 0.63x, video objective 0.63x c-mount for video-/phototubes M-series (2/3 inch cameras)
- k. DFC420 digital camera with sw kit, colour digital camera for microscopy, resolution 2592 x 1944 pixels, 5 Mpixel, 1/2" CCD sensor, pixel size 2.78 μm x 2.78 μm , colourfilter RGB (Bayer), color depth 36 bits, exposure time 0.2 msec- 60 sec, A/D converter 12 bit, dynamic range >57dB, full size fast live image, typ. 15 frames per sec. 864x 684 pixel, external flash sync and trigger, gain 1x -10x, shading correction, optical C-mount, recommended video adapter 0.5x, supported operating systems WindowsXP, WindowsVista, Mac OSX, Firewire 1394a interface, Firewire a-a cable 3m, Leica DFC

Twain Software for PC, Leica LAS application suite for PC, Leica Firecam Software for Mac

- I. To include On-Site Installation and Instruction
- 2. Bid specification for Leica M125 optics carrier, with zoom magnification changer 12,5:1, APO corrected optics, objective thread M65.**

To include the following minimum specifications:

- a. Trinocular tube 100%, M-series, M165C, M205C.
 - b. Focus drive with column inclinable, coarse/fine focus mechanism, Mounting pin diameter: 15.8 mm (5/8")
 - c. Horizontal arm, heavy duty, horizontal large arm with clamping block, with ball bearings, grease-free run, adjustable break, adjustable stop for repeatable positioning, rack and pinion system for easy vertical movement, interface 15.8 mm (5/8") for focusing drives/arms
 - d. Base plate, large
 - e. Column 560/57 mm
 - f. Objective Planapo 0.63x, M-Series working distance 67 mm, connection thread M65, 80 mm external diameter for ring light illumination or accessories
 - g. Cold light source KL 1500 LCD, 120 V
 - h. Continuous ring light 80mm diameter
 - i. To include On-Site Installation and Instruction
- 3. Bid specification for Leica DM2000 stand for Biology and Medicine** for transmitted light 30W illumination, with height adjustability of focus knobs, integrated halogen lamp 12V 30W and stage carrier, with centrable condenser holder for vertical adjustment, right- and left-hand operation and clamp screw, with adjustable height stop, Mains 90-250V, commutable 50/60 Hz.

To include the following minimum specifications:

- a. 2-step focus drive for DM2000/2500 for coarse and fine focusing and adjustable focus stop and focus torque adjustment, with focus knobs coarse
- b. Objective nosepiece for DM2000/DM2500 for 6 objectives with M25 thread
- c. Ergo Stage for DM2000/2500/3000 for right- or left-hand operation. Stage plate with ultra hard ceramic surface, travel range 76mm x 25mm, with vernier reading.
- d. Condenser lens CL/LS
- e. Slide holder for ergo stages DM1000/DM2000/DM2500/DM3000 for one hand slide exchange
- f. Telescopic x/y stage control with torque adjustment for ergo stages DM1000/DM2000/DM2500 with removable rubber covers
- g. Set of focus knobs fine with rubber surface for DM2000/DM2500/DM3000
- h. True color blue filter DM1000/2000/3000
- i. Conversion blue filter DM1000/2000/3000
- j. Binocular Phototube HC L 1 VT 0/4/4 with fixed photo tube, with tubelens oo/1x, with variable viewing angle 0-35°, with interpupillary adjustment 55-75 mm, with constant focus and beam splitter positions vis/phot: 50/50%, fixed.
- k. Condenser Achr.apl. A 0.9(P) with switchable condenser head, with color coding, for BF,DF,PH & Pol.
- l. Diffuser for low magnification (for the condenser top) For use with 1.25 - 5x objectives to enhance the image quality in particular for H. E. stained samples. The diffuser will be automatically switched into the light path with the magnifications below 10x.
- m. Eyepiece HC PLAN s 10x/22 Br. M 2 240.00 230.40 460.80
- n. Objective HCX PL FLUOTAR 5x/0.15 1 Free working distance: 12.0 mm For use with and without Cover Glass Suitable for Integrated Leica Modulation Contrast (IMC) Suitable for DIC (prism C,C1,C2)
- o. Objective HC PL FLUOTAR 10x/0.30 Free working distance: 11.0 mm For use with and without Cover Glass. Suitable for DIC (prism D1/D)

- p. Objective HCX PL FLUOTAR 40x/0.75 Free working distance: 0.40 mm For use with a 0.17 mm Cover Glass (DIN/ISO).
 - q. Not suitable for Incident Light, except Fluorescence
 - r. Dust cover for DM LB with fluorescence or photography / TV
 - s. DFC295 digital camera with sw kit, colour digital camera for on-screen microscope image display, resolution 2048x1536 pixels, 3.1 Mpixels, 1/2" CMOS sensor progressive scan, pixel size 3.2 µm x 3.2 µm, colour filter RGB (Bayer), colour depth 30 bits, exposure time 0.1msec- 2 sec, A/D converter 10 bit, dynamic range >55dB, full size live image, max.18 frames per sec.
 - t. (depending on the PC performance), gain 1x - 4x, shading correction, optical C- mount, recommended video adapter 0.5x, supported operating systems WindowsXP or WindowsVista, Firewire 1394b interface, Firewire a-b cable 3m, Leica DFC Twain Software for PC, Leica LAS application suite for PC, Leica Firecam Software Mac
 - u. C-Mount adapter 0.70x for 2/3" Cameras
 - v. To include On-Site Installation and Instruction
- 4. EG1150 Modular Tissue Embedding Center combined H & C with On-Site Installation and Instruction**
- 5. Bid specification for Leica ASP300 S - Vacuum Tissue Processor - Freestanding unit - 100-120 V/50-60 Hz**
- To include the following minimum specifications:**
- a. Remote Care - optional remote diagnostic via Internet interface
 - b. User access control and monitoring via multiple-step password protection
 - c. Large, high-quality color LCD touch screen solvent-resistant, Intelligent user interface (protecting against programming and operation errors)
 - d. Intelligent Reagent Management System - RMS(can be switched ON/OFF)
 - e. Export function of RMS data to standard spreadsheet programs (Excel or others) Labels for reagent bottles with 'reagent group' color coding for different reagent types and concentrations.

- f. Microwave-resistant plastic baskets for cassettes
- g. Powerful stirrer unit for efficient infiltration and even reagent temperatures throughout the retort.
- h. "Fast" infiltration protocols for urgent biopsies
- i. Funnel for splash-free filling of these agent bottles
- j. Efficient paraffin wax cleaning system
- k. Programmable delay of "finish time" and me
- l. Skip-step / Add-step function (programs can be edited while in progress)
- m. Lock mode prevents unauthorized access to any functions or operations of the instrument
- n. 2-Phase fume control system: condenser to remove solvents from air
- o. inside the instrument plus activated carbon filter and optional exhaust air hose
- p. Remote alarm connection
- q. Auto-protection against overheating and overpressure
- r. Sophisticated specimen features after power failure - automatic processing recovery
- s. Full protection against cross-contamination of incompatible reagents
- t. Intelligent specimen protection feature
- u. Quality control feature (system monitoring) including performance check (pump age, carbon filter age, rotary valve performance) and system performance on station level (reagent age monitoring, warning thresholds)
- v. Serial port
- w. External printer connection
- x. 3.5 inch floppy disk drive

- y. Selectable buzzer volume (alarms)
- z. Design, materials and workmanship in compliance with CE, UL, c-UL, VDE standards
- aa. **Accessory kit consisting of:** Basket hook, specimen baskets, assy, including lid, dividers, springs and handle, Stirrer bottles reagent bottle with cap, plastic, Set Labels for reagent bottles, Funnel, Activated carbon filters, assy. Remote fill/drain hose, assy.w/connecting device, Paraffin drain hose, Paraffin wax scraper, plastic, Lubricant for valves and O-rings, Molykote 111, 100 g, 1 Jumper cable – mains,
- bb. **Maintenance kit to include:** 2 spare lids, 9 O-rings, Splash protection, Allen key, size 3.0, Jack connector (remote alarm) Reagent bottles with caps, plastic (included in the instrument), Condensate bottle with cap, plastic (included in the instrument) Set of power cords: Power cord "USA-C-J" , Drip tray (included in the instrument), 3,5 Diskette, empty (taped to the back of console cover) Instruction manual Leica ASP300 S multilingual.
- cc. To include On-Site Installation and Instruction

6. Bid specification for Leica RM2235 - Manual Rotary Microtome -

To include the following minimum specifications:

- a. precision orientation,
- b. quick clamping system for specimen holders
- c. universal cassette clamp, knife holder base –
- d. without lateral displacement feature,
- e. knife holder E for low-profile disposable blades and storage tray.
- f. Low-maintenance and backlash-free precision micrometer feed system with horizontal feed and vertical stroke mechanism based on self lubricating cross roller bearings.
- g. For increased user safety, the instrument should be equipped with two independent hand wheel locking systems.
- h. The instrument should be equipped with a Leica-patented operator-adjustable force balancing system with spring compensation of the forces which occur during the sectioning process.

To include On-Site Installation and Instruction

7. Bid specification for Leica CM1850 Cryostat Configuration System – 120 V/60 Hz with Peltier cooling without specimen retraction knife holder CE for low profile disposable blades.

Instrument features:

- a. Freestanding cryostat on rollers with front encapsulated microtome.
- b. Heated removable sliding window.
- c. Spacious cryochambe with illumination.
- d. Removable storage shelves
- e. corrosion-proof cryochamber for easy decontamination.
- f. Handwheel lock.
- g. Control panel with foil-protected buttons and locking function.
- h. Self explanatory symbols for all essential functions and displays.

aa. Microtome:

Low-maintenance microtome with cross roller guides.
Single-screw locking system for direct fitting of specimen discs.
Precision X/Y/Z 8° specimen orientation
Section thickness continuously adjustable from 1 to 60 um
Total vertical stroke: approx. 60 mm
Total horizontal specimen feed: approx.25 mm
Motorized coarse feed at two speed settings (0.2 mm/s; 0.7 mm/s)
Visual indication of specimen stop positions (front/home).

bb. Cryochamber:

Cryochamber temperature setting between 0 and -35 °C
Power saving insulating system
LED display indicates cryochamber temperature, real time defrost time and activation of Peltier cooling.
Manual defrosting function for chamber and freezing shelf with sound signal to avoid unintentional defrosting; defrost cycle duration of 9 minutes.
Over heating protection system.
Automatic hot-gas defrosting, programmable in 15-minute increments (cryochamber only)
Duration of defrost cycle regulated by actual cryochamber temperature.
Actively cooled freezing shelf (-40 °C) for 10 specimen discs.
Manual hot-gas defrosting of freezing shelf time-controlled.
Peltier cooling system for fast specimen freezing –
maximum Peltier cooling temperature of -55 °C;
Peltier system automatically switches off after 10 minutes.
Collecting tank for condensation water.

Standard delivery with Peltier cooling system.

To include On-Site Installation and Instruction

8. Bid specification for Water Bath Compact –

To include the following minimum specifications:

- a. **rect**angular flotation water bath maintains water 1 900.00 900.00 temperatures within $\pm$
- b. 1 °C of set temperature.
- c. Evenly dispersed lighting provides excellent visualization of paraffin sections.
- d. If needed, this water bath can reach temperatures up to 100 °C.
- e. Control panel and LED temperature display are easily visualized.

aa. Instrument:

Teflon coated aluminum work surface ·

Easy to read four digit display,

Temperature setting displayed in Fahrenheit or Celsius ·

Moisture resistant keypad ·

Self diagnostic capability ·

Heat-on indicator, Microprocessor controller with durable thermocouple sensing capabilities

A one year manufacturer's limited warranty

Specifications:

Power: 120V/60Hz Temperature Range: 38° to 100° $\pm$ 1 °C Display: 4 digit: 7 segment RED
LED Digit Height: 13mm (.56") Size: 26.7 x 37.1 x 15.2cm (10.5 x 14.6 x 6.0 in) Operating
Range: up to 100°.

To include On-Site Installation and Instruction