



STATE PROCUREMENT OFFICE
NOTICE OF AND REQUEST FOR EXEMPTION
FROM CHAPTER 103D, HRS

1. TO: Chief Procurement Officer
2. FROM: Agriculture/Plant Industry/Plant Quarantine

Department/Division/Agency

Pursuant to §103D-102(b)(4), HRS, and Chapter 3-120, HAR, the Department requests a procurement exemption to purchase the following:

3. Description of goods, services or construction:
See attached

4. Name of Vendor: Leica Microsystems Inc
Address: 2345 Waukegan Road
Bannockburn, IL 60015

5. Price:
\$175,000

6. Term of Contract: *Upon CPD Approval*
From: *4/1/2007* *ct* To: 6/30/2007

7. Prior Exemption Ref. No.

8. Explanation describing how procurement by competitive means is either not practicable nor advantageous to the State:
The microscopes in the branch are almost all Leica or Leica supported microscopes with the exception of two Nikon microscopes. Leica and WILD (Leica supported) are the "workhorse" microscopes in the state and have a proven track record of reliability and excellent image quality. Adhering to a Leica line also ensures backward and forward compability with existing Lecia and WILD hardware and software currently used by Plant Quarantine Branch and Plant Pest Control Branch. This interchangeability within and between programs allows sharing of equipment by either branch until repairs, servicing or parts can be obtained. Leica also has the only on site service available for their microscope product line. Backward and forward compatibility also allows for component "mix and match" to provide the best imaging options for any given project.

9. Details of the process or procedures to be followed in selecting the vendor to ensure maximum fair and open competition as practicable:
Vendors are asked if they can meet the specifications outlined for the desired microscope system. They are also evaluated based upon the ability to provide local, onsite support service and backward and forward compatibility with Plant Quarantine and Plant Pest Control Branch's existing microscope systems.

10. A description of the agency's internal controls and approval requirements for the exempted procurement:
All purchases must be reviewed by the purchaser's supervisor, branch manager, division administrator and finally the chairperson to evaluate the validity of any procurement. Quotes will be sought from different vendors to determine if they are able to meet the prescribed specifications.

REQUEST FOR EXEMPTION FROM CHAPTER 103D, HRS (Cont.)

12. A list of agency personnel, by position, who will be involved in the approval process and administration of the contract:			
Name	Position	Involvement in Process	
Carol Okada	Plant Quarantine Branch Manager	<input checked="" type="checkbox"/> Approval	<input checked="" type="checkbox"/> Administration
Neil Reimer	Plant Pest Control Branch Manage	<input checked="" type="checkbox"/> Approval	<input checked="" type="checkbox"/> Administration
Lyle Wong	Plant Industry Administrator	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Administration
Elaine Abe	Administrative Services Officer	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Administration
Sandra Lee Kunimoto	Chairperson, Board of Agricultur	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Administration
		<input type="checkbox"/> Approval	<input type="checkbox"/> Administration

13. Direct inquiries to: Department: Agriculture
 Contact Name: Darcy E. Oishi
 Phone Number: 808-832-0581
 Fax Number: 808-832-0584

Agency shall ensure adherence to applicable administrative and statutory requirements

14. *I certify that the information provided above is, to the best of my knowledge, true and correct.*


 Department Head

5/3/07
 Date

Reserved for SPO Use Only	
	15. Date Notice Posted <u>5/10/07</u>
The Chief Procurement Officer is in the process of reviewing this request for exemption from Chapter 103D, HRS. Submit written objections to this notice to issue an exemption from Chapter 103D, HRS, within seven calendar days or as otherwise allowed from the above posted date to: <p align="center"> Chief Procurement Officer State Procurement Office P.O. Box 119 Honolulu, Hawaii 96810-0119 </p>	
Chief Procurement Officer's comments: <p align="center"> This approval is based on the DOA's representation that this purchase supports their current practice of standardizing their digital microscopy system that allows for inventory of parts, minimal training, and interchanging of individual items of the system when repairs are necessary. Also, this approval is for the solicitation process only, HRS section 103D-310(c) and HAR section 3-122-112, shall apply. </p>	

16. APPROVED DISAPPROVED NO ACTION REQUIRED


 Chief Procurement Officer Date 5/17/07

3. Description of goods, services or construction.

Plant Quarantine Needs:

Microscopes, digital cameras and specialized software are needed to improve the diagnostic support capabilities of Plant Quarantine Branch. One system, to be stationed on Oahu, will provide an advanced photo-documentation system that will allow for taking of high resolution digital images. The special software will allow greater depth of field than normal digital photography. This will increase the diagnostic usefulness of images taken using this advanced software/hardware combination. This system will be used to submit digital diagnostic specimens to experts around the world while avoiding the need to send physical samples. The two other systems will consist of a compound and dissecting microscope with digital camera for rapid submission to local identifiers of priority samples that can reach identifiers before a physical sample. One system will be stationed on Oahu, the other on Maui.

PPC Needs:

Compound microscopes to be located on Kauai, Maui and Hawaii for the CAPS survey program (federal funds).

General Specifications for all compound scopes:

- A condenser ring allowing the viewing of specimens in
 - phase
 - dark field
 - light field
- Objective lenses
 - 10 X
 - 20 X
 - 100 X
- 10 X eye piece
- Phototube for adding digital cameras
- Height Adjustable focus knobs
- Adjustable, ergonomic observation tubes to prevent neck and back strain from prolonged usage
- Torque adjustable gear focusing
- Ability to quickly change from Left- to Right- hand operation
- Height adjustable stage controls
- Filter magazine for adding filters including daylight filter
- Photodocumentation system mounted through phototube with minimum 5 megapixel CCD

Specifications for compound microscope for advanced photomicroscopy system

In addition to the general compound microscope specifications, the following specifications are required:

- Objective Lens
 - 5 X
- Filter magazine with following filters for optimal image resolution

- daylight filter
- Grey filter
- Panchromatic green filter

General specification for dissecting microscopes for Plant Quarantine and Plant Pest Control Branch:

- Magnification from 7.1x to 115x
- Built-in iris diaphragm for increasing depth of field
- Planapo glass lenses to reduce distortion
- Ability to be placed on various carriers allowing use of but not limited to swing arm and transmitted light bases
- Swing arm stand must have fine and course focus control
- Must have an ergonomic system capable of adjust the height of eye pieces to minimize repetitive stress injuries caused by prolonged microscope usage
- Phototube for adding digital cameras that do not obstruct or prevent the use of eye pieces while taking photos
- Availability of day light filters
- Digital photodocumentation system
- Miminum 3.1 Megapixel CCD
- Software allowing live, onscreen viewing of specimens
- Computer controlled camera shutter
- Light source: Cold light source, 120 V, 150 W
- Fiber optic light sources
 - Ringlight system
 - Goose neck lights

Specifications for dissecting microscope for advanced photomicroscopy system
In addition to the general dissecting microscope specifications, the following specifications are required:

- Fully automated zoom optics controlled via hand control or by computer.
- Built in iris diaphragm for increasing depth of field that can be computer controlled
- Achromatic correction for accurate color correction
- Infinity corrected, common main objective system
- Revolving nose piece option with the ability to add different stereo objectives without removal including the following powers:
 - 2.0 X
 - 1.0 X
 - 0.63 X
- Eye pieces with the following magnification with adjustability for those wearing spectacles

- 10 X
 - 16 X
- Motor focus drive allowing complete automation, repeatability, hand control with 5 memory position, computer controlled
- Transmitted light stage with floating stage
- Swing arm stand
- All necessary cables
- Light source: Cold light source, 120 V, 250 W
- Photodocumentation software with following capabilities
 - Ability to “stack” images to create a higher resolution images with improved depth of field for diagnostic and digital archiving purposes
 - Electronic reticule imaging to improve measurement ability and provide documented reference on relative size and magnification to other entomologists
 - Software for “time delay” photography for photographing a sequence of photos to be used for training exercises