

Idaho State Department of Agriculture

RFQ07076

Gel Imaging System

1 General Information:

The Idaho State Department of Agriculture (ISDA) is requesting quotes from qualified vendors for the purchase of a *Gel Imaging System* for the Idaho Food Quality Assurance Lab.

The quotation must be **F.O.B. Destination**. The Gel Imaging System must be delivered on or before January 14, 2009 to:

Idaho Food Quality Assurance Laboratory
Attn: Xuebiao (Steve) Gao
315 Falls Ave.
Twin Falls, ID 83301
Phone: (208) 732-5325

The contact for this RFQ is Tonya March, Idaho State Department of Agriculture, PH. (208)332-8511, Fax. (208)334-3431
tmarch@agri.idaho.gov.

2 Timeline:

Quotes Due (by 5:00 p.m. local MT) December 10, 2008

3 Award Basis:

The purchase order will be awarded to the responsible responsive vendor with the lowest cost.

4 Technical Specifications for a Gel Imaging System:

Note - Brand Name: The brand names used in this solicitation are intended to be descriptive, but not restrictive and is to indicate the quality and characteristics of items that will be satisfactory. Quotes offering "EQUAL" materials will be considered for award if such products are clearly identified

in the quote and are determined by the State to meet the minimum salient characteristics stated in this solicitation. Potential vendors offering an "equal" are required as a part of their quote to furnish all descriptive material necessary for determining that the materials offered meet the requirements of this request for quote. Complete specifications and descriptive literature for the items quoted will be required of the potential vendor and must be submitted with the quote. Failure to comply will render the quote non-responsive.

The Gel Imaging System must be equivalent to or better than the **Molecular Imager Gel Doc XR System**, which includes **Quantity One 1-D Analysis Software** and Computer, from Bio-Rad Laboratories.

Description:

- Gel imaging system for both fluorescent and colorimetric samples, with computer and software for use (described below)
- Capacity for imaging a wide variety using the following applications: western blotting, nucleic acid detection, 2-D gel electrophoresis, dot blotting, densitometry, and colony counting
- Capability for the following detection methods: Colorimetric Blot detection, Ethidium Bromide, SYBR Green I, SYPRO Ruby, Flamingo, Cy3, Rhodamine, Green Fluorescent Protein, Hoechst, Silver Stain, Copper Stain, and Coomassie Brilliant Blue.
- High resolution CCD firewire camera with 12 bit data acquisition, featuring
 - 1.3 mega pixel camera with 1360 x 1024 pixels for high resolution
 - 4.6 x 4.6 μ pixel size
 - Ability to export images as TIF and JPEG files
 - Resolution of 300dpi
- Software driven (see below) motorized zoom lens; c-mount f/1.0; 8-48 mm zoom
- Platen size 26 x 25 cm
- Light tight darkroom with light baffling
- Single point of control for light sources
- Touch pad controls for iris, zoom, and focus of lens
- Slide out UV trans-illumination; excitation source 254, 302, 365 nm and white light
- 3 position filter slider, complete with amber filter
- Voltage = 115/60 Hz
- Dimensions (W x D x H): 60 x 36 x 96 cm.
- Weight: 32 kg
- Safety features include
 - Interlock on main and trans-illuminator drawers; shuts off light when opened

- UV and white lamp auto shut-off
- Shield over UV light to prevent direct exposure
- UV light intensity capable of being reduced during sample processing

Software Features:

- Complete with tools for analysis and quantization of 1D gels and blots, arrays, and colonies by use of volume analysis or band analysis
- Compatible with PC and Mac platforms
- Multichannel viewer for overlay of differentially stained gels and blots
- 3-D viewer for assessment of band or spot features
- Quick guides available for software features
- Directions for use must be included

Computer:

- Operating system: Window XP or Vista Ultimate;
- Processor: Intel Core 2 Duo, minimum 2.0 GHz;
- RAM: 2 GB or higher;
- Cache memory: 2 MB or higher;
- Hard Disk space: 120 GB or higher;
- Video card: 128MB video memory minimum (capable of generating minimum 1024 x 768 pixels);
- Communication ports: 4 USB 2.0 ports.
- 15 in LCD monitor.

5 Other Requirements:

Delivery and Set-Up:

- Instrument must be installed and set up by trained service engineer after instrument has been delivered.
- Field Application Support (FAS) must provide a full one day hands on training.
- FAS available for help after the initial training.

Complete warranty information and cost for one year must be provided with the quote. The warranty must at least cover all parts, labor and travel for repairs for one year from date of install. The warranty period for both parts and labor must be stated. The cost for an optional (3) years warranty coverage and cost of a service/maintenance plan or contract must be stated, as well as location of nearest authorized service facility.

Quote price must include any incidental cost for in-place delivery, installation (i.e. personnel, wiring, cabling, training aids, etc.), and training. Any quotes not containing all in-place delivery, installation and training charges can not be given equal consideration.

6 Quote Response

Your quote must be received prior to the deadline established above. You may fax, e-mail, mail, hand-deliver/courier, or submit your quote electronically via SICOMM. **All vendors must also submit a completed original State of Idaho Signature Page (with an original signature) and the attached disclosure form in order for your quote to be considered.** Please use the attached Pricing Sheet to submit your quote. If your quote is not compliant to any specification listed above, please identify that specification and explain how your deviation/alternative meets the requirement.

RFQ07076

Idaho State Department of Agriculture

Gel Imaging System

PRICING SHEET

Gel Imaging System **1 System \$_____**

(Cost must include all items specified in the quotation document specifications, including machine, computer, software, etc . Cost is F.O.B. destination, including, but not limited to inside delivery; installation; and training)

Warranty Information (1 year for parts and labor) \$_____

Optional Warranty Coverage (3 additional years) \$_____

Service/Maintenance Plan \$_____

(Cost of service/maintenance plan must be stated, as well as location of nearest authorized service facility)

EXPECTED DELIVERY DATE ARO (After Receipt of Order) _____

CHECKLIST:

Have you included a signed, original State of Idaho Signature Page and Disclosure form pursuant to Executive Order 2007-09?

YES____

Have you included a written response to each specification, by restating the Specification and providing documentation that clearly shows that your quote meets each specification?

YES____

Have you included copies of the warranty information and the optional warranty coverage information?

YES____