

Bid Specifications
Chemiluminescence Imager
USA Bid No. 9111201

Minimum Specifications:

- A true 16-bit 3.2 million pixel CCD camera that provides quantitative data across 65,535 gray scales
- The camera should use a Super CCD with octagonal-shaped photodiodes rotated at 45 degrees
- Data acquired by the 16-bit camera must be usable for quantitation performed from a single image acquisition
- Data must be able to be saved in 16-bit TIFF and 8-bit TIFF formats as selected by the investigator at the time of data capture
- Temperature controlled cooling to -25 deg C for routine applications and -30 deg C when greater sensitivity is required
- Must have a wide-aperture f 0.85 lens
- Must include an adjustable, motorized sample stage
- Must accommodate a wide range of exposure times, from fractions of a second to hours, 8 binning and smoothing modes, automatic iris setting and remote focusing
- System should be easily upgradeable to Epi-UV or Epi- near infrared lighting
- Imaging software completely compatible to the system must be included
- Communication between the instrument and the computer must be a minimum of USB 2.0
- Camera features required include: automatic and manual focus remote control, auto-focus and auto-capture, dark frame correction and flat frame correction
- Chemiluminescence, Fluorescence, Digitization (Coomassie Blue, Silver Stain, Film Documentation) methods
- Exposure modes include Precision, Increment, Repetition, and a programmable multi-exposure mode

All accessories must be included in the quote as separate line items.

Any and all suggested and recommended system options needed for the system to operate in the fashion required by the USA Mitchell Cancer Institute that are

not specifically referenced in the request should be provided in detail, including cost of each option, in the sealed quotation

Warranty:

- Two years on parts and labor, from the date of installation

Charges must include delivery and on-site installation and training by a factory trained technician.

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