

## **SPECIFICATIONS FOR ALTERNATIVE LIGHT SOURCE**

*All bids must meet or exceed the minimum specifications as set forth in this Invitation to Bid.*

**Scope:** These specifications are intended to describe the alternate UV light source should be compatible and interchangeable with the alternate UV light sources used at the Mississippi Forensics Laboratory.

**Standards:** The alternative light source covered by these specifications illumination – light source should be able to cover the Ultraviolet, Visible, Infrared spectrum and white bandwidths used in forensics. The alternate UV light source should have dedicated LED's for white light 400-700nm and IR 800-900nm. 350-380 nm used for the detection of bodily fluids, 395-425nm for the detection of blood, 445-510nm for the detection of seminal fluid, fibers, gunshot residue, 800-900nm for the detection blood on black/dark items and natural light. Detachable filters for wave lengths.

Camera – An attached camera with 5 megapixels (as currently being used in Mississippi Forensic Lab procedures) with the ability to capture UV and IR imaging.

Computer – A computer with all necessary software for capturing and documentation of forensic evidence and images.

Mounting ability – the alternate light source will need the ability to mount to the examine room table and have an adjustable arm in order to move around the item being examined.

Installation and training on the light source for Mississippi Forensics staff.

**Product:** No substitution or alternate will be accepted or allowed unless documents are provided stating the manufacturer has been bought by another manufacturer or the product number has changed.

**Notes:** This specification shall, until revised or rescinded by the Department of Public Safety, apply to each future purchase.

It is the intent of the specifications to obtain a product that will adequately meet the needs of the agency while promoting the greatest extent of competition that is practicable. It is the responsibility of the prospective bidder to review the entire Invitation for Bid packet and to notify the Procurement Department of the MS Department of Public Safety if the Specifications, Instructions and Special Conditions, or the General Conditions are formulated in a manner which would unnecessarily restrict competition. Any protest or questions concerning the specifications or bidding procedures must be received in writing in the MS Department of Public Safety, Procurement Office, not less than 72 hours prior to the time and date set for the bid opening.