







# Supply, Delivery and Installation of Criminology Laboratory Supplies, Materials and Equipment

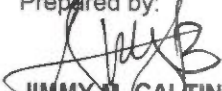
## C. Questioned Document Supplies and Equipment

Item No.	Quantity	Picture	Description	Specification	Function	Amount	Total Amount
1	2 UNITS		Multi-Function Detector	Power :100-240v v ac50/60Hz Output: 12 V DC Current Consumption:2A Detecting Mode: UV lighth Detection Watermark Detection, Magnetic Detection Infrared Image Detection Blink Infrared Detection OVI Detection Intaglio Printing Security Metal Thread Detection Dimensions:at least 270(W)200(D)225(H)mm Weight at least 3 kg Ambient Temp:0-40	Used to detect forgery such as but not limited to counterfeit money and the like.	140,000.00	280,000.00
2	4 SETS		Portable Police Laboratory investigation Kit (Question Document Analysis Kit)	<input type="checkbox"/> Hi-Fi Volcano Latent Print Powder, Silk Black, 1 oz. (39ml) <input type="checkbox"/> 1-Hi-Fi Volcano Latent Print Powder, Indestructible White, 1 oz. (39ml) <input type="checkbox"/> 2-Spread Powder Brushes <input type="checkbox"/> 2-Max-Spread Powder Brushes <input type="checkbox"/> 4-1 Kit Size Fiberglass Brushes <input type="checkbox"/> 1-Permanent Magnetic Wand <input type="checkbox"/> 1-Hinge Lifter, Black, 1.5" x 2" (3.8cm x 5.1cm) <input type="checkbox"/> 1-Hinge Lifter, Transparent, 1.5" x 2" (3.8cm x 5.1cm) <input type="checkbox"/> 1-Hinge Lifter, White, 1.5" x 2" (3.8cm x 5.1cm), <input type="checkbox"/> 1-Hinge Lifter, Transparent, 2" x 4" (5.1cm x 10.2cm) <input type="checkbox"/> 1-Hinge Lifter, Transparent, 4" x 4" (10.2cm x 10.2cm) <input type="checkbox"/> 1-Fingerprint Lifting Tape, Transparent, 1.5" x 360" (3.8cm x 9m) <input type="checkbox"/> 1-Fingerprint Lifting Tape, Frosted, 1.5" x 360" (3.8cm x 9m)	Portable kit contains selection of investigative aids available today. • The reagents provided for testing blood, semen, narcotics and firearms residues are non-destructive contact methods • Will enable the investigator to search, screen and identify physical evidence. • 6- tray layers	60,000.00	240,000.00
3	5 UNITS		Master Questioned Document Kit	Contents: Master Questioned Document Kit 1 - Iodine Print Fixative, 2 oz. 1 - Iodine Print Fixative Remover, 2 oz. 10 -Disposable Pipettes with Capillary and 3ml Bulb 1 -Magnifier, 3X, 2.5" 1 -Questioned Document Plate Combination, Set of 4 1 -Dual Longwave/Shortwave UV Light Source, 6V DC 1 - Acid Neutralizer, 2 oz. 1 - Iodette Ampoules, 3gr, Set of 6 1 - Bottle of Distilled Water, 2 oz. 4 - Erased Ink #1, 2ml Vial 4 - Erased Ink #2, 2ml Vial 4 - Erased Ink #3, 2ml Vial 4 - Extract Reagents for Ballpoint Ink 1 - Extract Reagent for Document Sampling 4 - Extract Reagents, Felt-Tip Pen 4 - Ink Reagents No. 1; 4 - Ink Reagents No. 2; 4 - Ink Reagents No. 3 4 - Ink Reagents No. 4; 4 - Ink Reagents No. 5; 4 - Ink Reagents No. 6 4 - Ink Reagents No. 7; 4 - Ink Reagents No. 8; 4 - Ink Reagents No. 9	• The kit includes equipment for color analysis of inks, restoration of altered writing, indented writing, indented writing restoration and thin layer chromatography identification of ballpoint and felt tip pen ink. • A combination longwave and shortwave UV light, 5X magnifier, optical analysis instrument and questioned document analysis plates also included.	50,000.00	250,000.00

				<p>4 - Ink Reagents No. 10; 2 - Indentation Removal Solutions, 1 oz.  4 - Indentation Solutions, Strong; 4 - Indentation Solutions, Weak  1 - Tweezers, Plastic, 4.75"; 1 - Pipettes with Suction Bulb  1 - Comparator with Recticles; 20 - Alligator Clips  10 - Swabs; 10 - Thin Layer Chromatography Sheets, 1" x 3"  24 - Cotton Balls; 15 - Filter Papers, 1" x 2"  4 - Glass Jars with Closure, 4 oz.  4 - C-Cell Batteries, Alkaline; 1 - Model M2 Magnifier  3-layer tray  1 - Latex Powdered Gloves, Pair, Ambidextrous, Large  4 - Mobile Solvent A; 4 - Mobile Solvent B; 4 - Mobile Solvent C  10 - Iodette Fuming Bags, 9" x 12"; 68 - Brush, Applicator, 3.25"</p>			
4	1 UNIT		Digital Shadowgraph	<p>Table: The metal table's size 340 x152 mm  The glass table's size 196x96 mm  X-axis travel 150mm  Y-axis travel 50mm  Z-axis travel 90 (for focus)  X, Z-axis digital display resolution , <math>\leq (3 + L/200) \mu\text{m}</math> 0.0005mm  coordinate indication error <math>(3 + L/50) \mu\text{m}</math>  Projector screen: Screen size (mm) <math>\varnothing</math> 312 Used range <math>&gt;\varnothing</math> 300(with the meter line)  Screen rotary rang <math>0^{\circ}\sim 360^{\circ}</math>  Rotation digital resolution 1' or 0.01"  Lens Magnification : 10X, 20X, 50X, 100X  Working distance(mm) 77.7, 44.3, 38.4, 25.3  Field of view in object(mm) <math>\varnothing</math>30 15 <math>\varnothing</math>6 <math>\varnothing</math>3  Max.workpiece height(mm) 80 80 80 80  Data Processing System DC-3000 multi-function data processing system,  appearing in English ,can be used to gather the data and measure the point , line,  circle, angle and distance.  Size (L*W*H) 770*550 * 1100  Weight 130kg  Options Micro-printer, optical Edge Detector, M2D software; detailed description  see Annex projector.  Power: 110V-240V(AC), 50/60HZ, Total power=400W</p>	Shadowgraph or profile projector is an optical instrument that can be used for making linear measurements in a small parts . Machine shop or production line for the quality control inspection team. Includes Rotatable stage for angle measurement	350,000.00	350,000.00
5	2 UNITS		Forensic Material Matter Comparator w/ 32" Monitor	<p>Unit Specifications:  • Base: 20.188" wide x 19.125" deep with matte black powder coated steel and screen printed grid  • Column: 36" tall with steel spring and rotational control  • Weight: 42.5 lbs. (19.3 Kg)</p> <p>Desktop Computer Specifications:  • Windows 32-bit, or Windows 7 64-bit  • Intel Core i3 3.3 Ghz processor  • 4 gigabyte (GB) of system memory  • 500 GB SATA Hard Drive  • DVD/CD-ROM drive  • 23" monitor with 1920 x 1080 resolution  • Dedicated GigaNET Base T Network Interface Card</p> <p>Kit Contents:  1- Imager w/KSS100b 60mm, quartz UV Lens  1- 2048 x 2048 PPI Camera with 1.2" sensor  1- Dual Filter Slide Assembly (Visible and UV)  1- Desktop Personal Computer, Keyboard, Mouse  1- 23" monitor  1- Power Strip  1- Ethernet Cable  2- 3-watt narrow band 254nm Lights  2- UV Protection Spectacles  1- Photo Evidence Scales (white on black, 10-pk)</p>	The integrated video system features a digital video feed in a true grayscale, and allows images to be captured in a variety of formats, including uncompressed files RAW, TIFF, BMP and JPG. The capture software also includes a note field for each image that can be saved as a text file, enabling case notes to be added for each save. The software is user friendly, allowing the operator to begin looking for latent prints minutes after set-up. In addition, the software is completely portable, so it can be loaded on other PCs and allows anyone to be a viewer of the captured images.	320,000.00	640,000.00

6	2 UNITS		<b>Forensic Digital Zoom PC Microscope (ONE DIMENSIONAL)</b>	<b>Specifications:</b> <ul style="list-style-type: none"> <li>• Head: 360 degree rotatable 45 degree inclined trinocular</li> <li>• Eyepiece: 30mm super widefield high-eyepoint WH10X/20MM</li> <li>• Zoom Range: 0.7X-4.5X</li> <li>• Diopter Adjustment: +/- 5dp</li> <li>• Interpupillary Distance: 2-3/16" - 2-15/16"(55-75mm)</li> <li>• Working Distance: 4" (100mm)</li> <li>• Field of View: 1-1/4" (33mm) in diameter</li> <li>• Illumination: 144-LED compact ring light</li> <li>• Power Input: 110-240V, 50-60HZ, automatic switching</li> <li>• Stand: 10" x 7-7/8" x 10.75" (254 x 200 x 275mm)</li> <li>• Round Plate: 3-3/4" (95mm) in diameter</li> <li>• Accessories: a pair of eye-guards</li> </ul> <b>Please add these specifications</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Power 80-240V wide range voltage</li> <li><input type="checkbox"/> CCD adapter</li> <li><input type="checkbox"/> Photo adapter for SLR digital camera</li> </ul> <b>Camera Specifications:</b> <ul style="list-style-type: none"> <li>• Sensor: Aptina MT9F002</li> <li>• Sensor Type: CMOS</li> <li>• Sensor Size: 6.45x4.60mm</li> <li>• Pixel Size: 1.4</li> <li>• Resolution: 14.0MP</li> <li>• Frame Rate: 1.8@4096x3288, 10@2048x1644, 27@1024x822</li> <li>• Sensitivity: .72 V/lux-sec</li> <li>• Compatibility: Windows (32/64 bit) XP/Vista/7/8, Mac OSX, Linux</li> </ul> <b>Software Specifications:</b> <ul style="list-style-type: none"> <li>• OS Requirements: Windows (32/64 bit) XP/Vista/7/8, Mac OS 10.8+, Linux kernel 3.13+</li> <li>• Hardware Requirements: Intel Core2 2.8GHz or comparable proces</li> </ul>	<p>This is a trinocular stereo microscope with a 144-LED compact ring light and a 14MP USB digital camera.</p> <p>The microscope has a super widefield optical system that provides a very large zoom magnification power (6.5:1) which offers a large working distance (4", 100mm).</p> <p>The trinocular port uses the third port for camera capabilities, or a third party to view as well, giving you the remaining two ports to view your specimen. The 144-LED ring light has a compact design with a built-in dimmer, providing cool, even and bright LED illumination.</p> <p>The digital camera captures still images and video, and allows you to view a live stream on your PC. With software available for Windows, Mac, and Linux, it's a multi-platform imaging solution. The included Windows software offers image-development and measurement tools, as well as advanced compositing features such as image-stitching and extended-depth-of-focus. Independent preview and capture resolutions allow you to view high-speed video while capturing high-definition images. For Mac and Linux, there is a lite version with limited processing features.</p> <p>This microscopy system is an ideal instrument for manufacturing engineers, lab technicians, gemologists, circuit board inspectors, and anyone in electronic and semiconductor industries. It is also the right microscope for biological laboratory applications that require low heat release.</p>	200,000.00	400,000.00
<b>TOTAL</b>							<b>2,160,000.00</b>

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