



# Gila River Indian Community Grant Application Grant Cycle 2022

## Cover Sheet

| Municipality Information                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1. Date of Application: 3/15/2022 (NOTE: Click field or use up/down arrow keys to move among fields)                                                                                                                                                                                                                                                                                            |                                                                                                     |
| 2. Name of City, Town or County: City of Chandler                                                                                                                                                                                                                                                                                                                                               |                                                                                                     |
| 3. Mayor (City or Town) or Board of Supervisor's Chairman (County): Mayor Kevin Hartke                                                                                                                                                                                                                                                                                                          |                                                                                                     |
| 4. Mailing Address: Mail Stop 303M, PO Box 4008                                                                                                                                                                                                                                                                                                                                                 |                                                                                                     |
| 5. City: Chandler                                                                                                                                                                                                                                                                                                                                                                               | State: Arizona Zip Code: 85244-4008                                                                 |
| 6. Acknowledgement of Submission by Authorized Municipality Representative:<br>Typed Name/Title: Dawn Lang, Deputy City Manager, Chief Financial Officer<br>Email Address: dawn.lang@chandleraz.gov Signature: <i>Dawn Lang</i>                                                                                                                                                                 |                                                                                                     |
| Applicant Information                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                     |
| 7. Department/Organization Name: City of Chandler Police Department                                                                                                                                                                                                                                                                                                                             |                                                                                                     |
| 8. Select Organization Type: Municipality <input checked="" type="checkbox"/> If Non-profit please attach IRS Determination Letter                                                                                                                                                                                                                                                              |                                                                                                     |
| 9. Application Contact Person: Alicia Rosenberg/Melanie R. Smith Title: Forensic Services Manager/Police Planning & Research Analyst                                                                                                                                                                                                                                                            |                                                                                                     |
| 10. Phone Number: 480-782-4508/480-782-4085                                                                                                                                                                                                                                                                                                                                                     |                                                                                                     |
| 11. Mailing Address: Mail Stop 303M, PO Box 4008                                                                                                                                                                                                                                                                                                                                                |                                                                                                     |
| 12. City: Chandler                                                                                                                                                                                                                                                                                                                                                                              | State: Arizona Zip Code: 85244-4008Yes                                                              |
| 13. Email Address: alicia.rosenberg@chandleraz.gov/melanie.smith@chandleraz.gov Website Address: https://chandlerazpd.gov                                                                                                                                                                                                                                                                       |                                                                                                     |
| Project Information                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                     |
| 14. Project Name: Forensic Search and Capture                                                                                                                                                                                                                                                                                                                                                   |                                                                                                     |
| 15. Purpose of Grant: This is a unique camera that allows for both searching and capturing of evidence. This camera uses high intensity multi-spectral illumination to search a crime scene for evidence and then photograph the evidence. This is an improvement on our current capabilities in that it offers a greater searching capacity and a more efficient means to photograph evidence. |                                                                                                     |
| 16. Priority Funding Area                                                                                                                                                                                                                                                                                                                                                                       | Public Safety                                                                                       |
| 17. Annual amount requested                                                                                                                                                                                                                                                                                                                                                                     | \$73,897.06                                                                                         |
| 18. Number of years that funding is requested                                                                                                                                                                                                                                                                                                                                                   | 1                                                                                                   |
| 19. Total amount requested (annual amount x number of years)                                                                                                                                                                                                                                                                                                                                    | \$73,897.06                                                                                         |
| 20. Has your organization received past funding from GRIC? If yes, list each year and amount                                                                                                                                                                                                                                                                                                    | The Chandler Police Department received \$108,840 in 2021, \$194,260 in 2019 and \$116,400 in 2006. |
| 21. Geographic area served                                                                                                                                                                                                                                                                                                                                                                      | City of Chandler                                                                                    |

| For Office Use Only:                               |         |                                 |
|----------------------------------------------------|---------|---------------------------------|
| Data Entry                                         | Receipt | Evaluation                      |
| <input type="checkbox"/> Approval – Amount/Term \$ |         | <input type="checkbox"/> Denial |



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| Applicant Information                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                     |
| 7. <b>Department/Organization Name:</b> City of Chandler Police Department                                                                                                                                                                                                                                                                                                                             |                                                                                                     |
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| 9. <b>Application Contact Person:</b> Alicia Rosenberg/Melanie R. Smith <b>Title:</b> Forensic Services Manager/Police Planning & Research Analyst                                                                                                                                                                                                                                                     |                                                                                                     |
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| Project Information                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                     |
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| 15. <b>Purpose of Grant:</b> This is a unique camera that allows for both searching and capturing of evidence. This camera uses high intensity multi-spectral illumination to search a crime scene for evidence and then photograph the evidence. This is an improvement on our current capabilities in that it offers a greater searching capacity and a more efficient means to photograph evidence. |                                                                                                     |
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| 21. <b>Geographic area served</b>                                                                                                                                                                                                                                                                                                                                                                      | City of Chandler                                                                                    |

| For Office Use Only:                               |         |                                 |
|----------------------------------------------------|---------|---------------------------------|
| Data Entry                                         | Receipt | Evaluation                      |
| <input type="checkbox"/> Approval – Amount/Term \$ |         | <input type="checkbox"/> Denial |



## *Gila River Indian Community Grant Application Grant Cycle 2022*

### Narrative

Please structure your proposal to provide the following information in the order indicated. Provide the narrative in paragraph form in the text field provided. Please be thorough but strive for brevity.

#### 1. Briefly describe your organization's history, mission and goals.

The City of Chandler was founded in 1912 as an agricultural town. Since that time, the City has evolved into a high-tech industrial hub with a diverse population of over 281,996 residents. The City boundary spans an incorporated area of approximately 64.9 square miles. As of March 2022, there are 110,748 housing units within the city limits. There are 880 total miles of roadway within the City of Chandler, consisting of 860 miles of local roads and 20 miles of highway. The City is bordered by the Gila River Indian Community to the south, the City of Phoenix to the west, the Cities of Tempe and Mesa to the north, and the Town of Gilbert to the east. The City of Chandler serves as a vital part of the Phoenix metropolitan area, linked together by Interstate 10/17, State Route 202, State Route 101, and State Route 87.

The Chandler Police Department, also established in 1912, is a highly successful, community service-oriented, proactive agency, represented by 507 dedicated sworn and civilian staff. The mission of the organization is to provide a safe community where people can live, work, and thrive. We are committed to being a leader in law enforcement and will pursue and engage the best trained, equipped, and committed professionals who demonstrate the highest performance standards and best policing practices in partnership with the community.

#### 2. To determine eligibility for this grant, if the applying organization is non-municipal or a non-profit 501c, please describe your relationship with the supporting municipality including past and present support, whether through partnerships, collaborations, in-kind contributions, grants, tax-based funding or other. Describe the supporting municipality's role in this project. If the applying organization is a municipality or a municipal sub-division please enter the text "Not applicable" and go to item 3.

Not applicable

#### 3. Describe the proposed project, objectives, and your plan to implement.

The Chandler Police Forensic Services Section (FSS) is requesting grant funds to purchase a Crime-lite Auto which is an Ultraviolet – Visible - Infrared (UV-Vis-IR) camera, it can be used to search for evidence not visible to the naked eye and capture that evidence either by video or in a still photograph. The FSS if provided grant funds will



## *Gila River Indian Community Grant Application Grant Cycle 2022*

purchase two Crime-lite Auto cameras, train Crime Scene Technicians (CST) to use them and implement its use at crime scenes to both search and capture images of evidence.

#### **4. Describe how the proposed project satisfies one or more of the priority funding areas identified by the Gila River Indian Community.**

The project supports the Public Safety priority by the efforts of the Chandler Police Department. The Crime-lite Auto is a system that integrates a camera along with filters and lighting in a single unit that allows a Crime Scene Technician to detect, examine, and capture evidence at a crime scene in real-time. The Crime-Lite Auto can quickly reveal evidence including blood, body fluids, fingerprints, gunshot residue, fragments of bone and teeth, and physical evidence such as glass, fiber, and hair. This process currently requires the use of a light source and camera used in complete darkness to first locate evidence and then document it through photography. This is a time-consuming process that can require a Crime Scene Technician on scene for hours which leaves the officers and our community waiting for other crime scenes to be processed. Not only will the efficiency of process a crime scene be enhanced by the Crime-lite Auto, but it will also improve our ability to find evidence. The Crime-lite Auto can utilize 55 waveband combinations of multi spectral illumination, which far exceeds our current capabilities, thus enhancing our ability to detect, document, and collect evidence.

#### **5. Identify the needs/problems to be addressed, target population and number of people to be served by the project.**

Crime scenes can be time consuming tedious work to process. When a crime scene needs to be processed for evidence that is not easily visualized in room light such as blood that has been cleaned from the scene, either chemicals or a forensic light source (FLS) is needed to visualize the evidence. This type of processing requires specialized chemicals, equipment, safety glasses and a need for near total darkness to see the evidence. Chemical processing is often used to enhance and or identify blood stains that have been washed out, wiped off, or are invisible to the naked eye. Each time a chemical is applied to a suspected stain it can dilute the stain, and possibly the DNA.

The Crime-lite Auto would greatly improve efficiency and the quality of processing these crime scenes. The time to process a scene will be dramatically reduced and it will lessen the effort needed to operate the forensic light source while taking pictures. Currently, the Crime Scene Technician must utilize the forensic light source in complete darkness to search. Safety goggles must also be worn with the selected wavelength to be able to see and search for suspected stains. When a stain is located, the camera is set up on a tripod to photograph the stain. A filter must be put on the camera to match the wavelength for the camera to photograph the stain. The Crime-Lite Auto does not need complete darkness to search and capture evidence items. The filters and wavelengths are built into the camera and the camera has an automatic feature to select filter needed to best view the evidence. Additionally, the Crime-lite Auto may eliminate the need to use chemicals to visualize blood stains that have been cleaned and thus enhance the possibility of collecting DNA from these stains.



## *Gila River Indian Community Grant Application Grant Cycle 2022*

This technology will ultimately serve the citizens of Chandler and the Justice System. Perhaps most importantly, this project will benefit the victims of crimes. The Forensic Services Section will be able to both increase the efficiency and ability to detect evidence. The advanced technology of the Crime-Lite Auto provides access to 55 different combinations of wavelengths which is integrated with the necessary filters and camera to improve our current ability to find evidence and photograph it. Increasing our ability to find evidence will provide more information to police officers working to solve crimes which benefits the entire community.

6. Define the project as a new or continuing program. Has GRIC previously funded this project?

The funding of the Crime-lite Auto is a new program to the Chandler Police Department and CPD does not currently have any Crime-lite Auto. GRIC has not previously funded this project.

7. Provide a brief timeline including start and finish dates. Indicate if the timeline is flexible.

Upon approval of this project the order for the Crime-lite Autos will be made within 30 days of notification. Once the Crime-lit Autos have been received the goal of the FSS will be to train all CSTs to use the device within 60 days. After each CSTs have been trained and demonstrated proficiency with the Crime-lite Auto it then can be used at crime scenes. The timeline for this project is flexible and can be extended if needed.

8. Identify other organizations, partners or funders participating in the project and their roles.

This is a Chandler Police Department Project. There are no other organizations, partners or funders identified for this project.

9. Would you be able to implement the proposed plan if your organization received partial funding for this project?

Yes, partial funding would allow the Chandler Police Department to fund a portion of the Crime-lite Autos requested. Full project funding is preferred; however, CPD would gratefully accept any level of funding for this project.

This request is for two Crime-lite Autos. It is the goal of the Forensic Science Section to purchase two devices so there is redundancy in the equipment which increases the likelihood that the equipment is always available when needed. If there is only funding to purchase one camera, it may cause delays on scenes, needing the use of the Crime-lite Autos.



## *Gila River Indian Community Grant Application Grant Cycle 2022*

10. Describe your plan for project financial sustainability beyond the grant period. If this is a program/project previously funded by the Gila River Indian Community describe efforts made towards the previously described sustainability plan.

There is no on-going costs for the Crime-lite Autos, CPD would fund the repair costs, if needed.

11. Describe your plan to document progress and results.

During the grant period, progress and/or annual reports addressing the implementation status will be provided as required by the Gila River Indian Community.

The progress documentation would consist of tracking the procurement process, training of Crime Scene Technicians, and deployment of the cameras. All purchases made with grant funding will be tracked separately in the City of Chandler accounting system to ensure an accurate and complete recording of expenditures. Upon receipt of funding, CPD will purchase two Crime-lite Autos.

12. Indicate any application to and/or awards made by a tribe other than the Gila River Indian Community for state shared revenues for this and any other project for the past five (5) years. If this information is included in a separate attachment, please indicate that here.

The Chandler Police Department has not applied to or received any awards from any other tribe.



## Gila River Indian Community Grant Application Grant Cycle 2022

### Project Budget

Budget Period: [Click here to enter text.](#)

For each budget item listed here please provide a narrative description on the following Project Budget Detail page.

| Proposed Budget Expense<br>(list each budget item) | Amount<br>requested from<br>GRIC | Amount<br>requested or<br>secured from<br>other sources | In Kind<br>contributions | Total Budget |
|----------------------------------------------------|----------------------------------|---------------------------------------------------------|--------------------------|--------------|
| 1. Crime-lite Auto with accessories<br>(2)         | \$73,897.06                      | \$0                                                     | \$0                      | \$73,897.06  |
| 2. <a href="#">Click here to enter text.</a>       | \$0                              | \$0                                                     | \$0                      | \$0          |
| 3. <a href="#">Click here to enter text.</a>       | \$0                              | \$0                                                     | \$0                      | \$0          |
| 4. <a href="#">Click here to enter text.</a>       | \$0                              | \$0                                                     | \$0                      | \$0          |
| 5. <a href="#">Click here to enter text.</a>       | \$0                              | \$0                                                     | \$0                      | \$0          |
| 6. <a href="#">Click here to enter text.</a>       | \$0                              | \$0                                                     | \$0                      | \$0          |
| 7. <a href="#">Click here to enter text.</a>       | \$0                              | \$0                                                     | \$0                      | \$0          |
| 8. <a href="#">Click here to enter text.</a>       | \$0                              | \$0                                                     | \$0                      | \$0          |
| 9. <a href="#">Click here to enter text.</a>       | \$0                              | \$0                                                     | \$0                      | \$0          |
| 10. <a href="#">Click here to enter text.</a>      | \$0                              | \$0                                                     | \$0                      | \$0          |
| 11. <a href="#">Click here to enter text.</a>      | \$0                              | \$0                                                     | \$0                      | \$0          |
| 12. <a href="#">Click here to enter text.</a>      | \$0                              | \$0                                                     | \$0                      | \$0          |
| 13. <a href="#">Click here to enter text.</a>      | \$0                              | \$0                                                     | \$0                      | \$0          |
| 14. <a href="#">Click here to enter text.</a>      | \$0                              | \$0                                                     | \$0                      | \$0          |
| 15. <a href="#">Click here to enter text.</a>      | \$0                              | \$0                                                     | \$0                      | \$0          |
| Total Budget                                       | \$73,897.06                      | \$0                                                     | \$0                      | \$73,987.06  |



## *Gila River Indian Community Grant Application Grant Cycle 2022*

### Project Budget Detail

Please provide a narrative description for each of the project budget items listed on the previous page. Include the dollar figure and how it was derived.

1. The \$73,897.06 requested will purchase two Crime-Lite Auto devices which individually cost \$36,948.53. Along with the system hardware which includes the camera, illumination system, imaging filter and interface the purchase includes spare batteries, a rapid battery charger, AC power adaptor, carrying case, neck strap, SD card and memory stick as well as the systems software.

2. Click here to enter text.

3. Click here to enter text.

4. Click here to enter text.

5. Click here to enter text.

6. Click here to enter text.

7. Click here to enter text.

8. Click here to enter text.

9. Click here to enter text.

10. Click here to enter text.

11. Click here to enter text.

12. Click here to enter text.

13. Click here to enter text.

14. Click here to enter text.

15. Click here to enter text.

Other explanation: Click here to enter text.

**To ensure a complete application and proper submission please refer to the Grant Application Instructions.**

FOSTER+FREEMAN USA INC  
46030 MANEKIN PLAZA, SUITE 170  
STERLING, VA 20166, USA  
T: 888 445 5048  
F: 888 445 5049  
usoffice@fosterfreeman.com

Federal Tax ID No. 56-2316854  
GST/HST No. 81939 6300 RT0001

www.fosterfreeman.com

**Your Reference:** AUTO w/o Accessories

**Our Reference:** C101601

**Quote Reference:** Q208180

**Date:** February 25, 2022

Page 1 of 8

Chandler Police Dept.  
250 East Chicago  
Chandler  
AZ 85225-5525  
USA

Attention of Deborah Itule

**QUOTATION Q208180 - FOR THE SUPPLY OF:**

| LINE | PRODUCT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | QTY | UNIT PRICE | SUB TOTAL |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------|-----------|
| 1    | <b>CL AUTO KIT 120V CHARGER<br/>(QCL/AUTO/KIT120V)<br/>Comprising:</b><br><br>CRIME-LITE AUTO RECHARGEABLE 2Ah BATTERY (Quantity x 2.0)<br>(QCL/AUTO/ACC/1)<br><br>- 10.8 V 2Ah Lithium Ion battery<br>- High capacity<br>- Individual cell monitoring<br>- Battery protection circuit<br>- Battery fuel gauge (4-stage LEDs)<br><br>CRIME-LITE AUTO RECHARGEABLE 4Ah BATTERY<br>(QCL/AUTO/ACC/2)<br>- 10.8 V 4Ah Lithium Ion battery<br>- High capacity<br>- Individual cell monitoring<br>- Battery protection circuit<br>- Battery fuel gauge (4-stage LEDs)<br><br>CRIME-LITE AUTO CARRY CASE<br>(QCL/AUTO/ACC/4)<br>- machined foam cut-outs to accommodate Crime-lite AUTO<br>plus batteries and accessories<br>- rugged, waterproof and shock resistant<br>- dimensions 430X260X235mm<br>- weight 2.7kg<br><br>CRIME-LITE AUTO SHOULDER/NECK STRAP 257-187-00<br>(QCL/AUTO/ACC/5)<br>- Adjustable shoulder/neck strap | 1   | 31,649.96  | 31,649.96 |

**Your Reference:** AUTO w/o Accessories

**Our Reference:** C101601

**Quote Reference:** Q208180

**Date:** February 25, 2022

Page 2 of 8

**CRIME-LITE AUTO HIGH SPEED MICRO SD CARD READER  
(QCL/AUTO/ACC/6)**

- Micro SD card Reader

**CRIME-LITE AUTO HIGH SPEED USB STICK  
(QCL/AUTO/ACC/7)**

- High capacity USB stick with rapid read/write performance

**CRIME-LITE AUTO MAINS ADAPTOR  
(QCL/AUTO/ACC/8)**

- Operate the Crime-Lite Auto via AC mains power

**CRIME-LITE AUTO  
(QCL/AUTO)**

All-in-one forensic evidence imaging system for CSI and laboratory use

**CAMERA AND LENSES**

**HIGH SENSITIVITY COLOUR/IR CAMERA**

- Precision 20.1MP image capture (5456x3632px)
- Sensitive from 350 to 1000nm
- HDMI Live video output
- Autofocus 30mm f/3.5 macro lens
- Shutter speed/exposure time up to 30 seconds

Selectable advanced camera controls

- Exposure control
- Auto and Fine Manual focus modes
- White balance

**ILLUMINATION AND FILTRATION**

**HIGH INTENSITY LED ILLUMINATION RING**

- Wavelengths: UV 365nm, Violet 410nm, Blue 445nm, Blue Green 475nm, Green 520nm, Orange 590nm, Red 640nm
- 4x LED per wavelength
- Combine LEDs to provide up to 55 wavelength combinations
- - Brightness control function

**2X WIDE-ANGLE LED ILLUMINATION ARMS**

- Wavelengths: UV 365nm, White, IR 860nm
- 2x UV LED, 1x White LED, 1x IR LED per arm

**Your Reference:** AUTO w/o Accessories

**Our Reference:** C101601

**Quote Reference:** Q208180

**Date:** February 25, 2022

Page 3 of 8

#### MOTORISED FILTER WHEEL

- Motorised housing with 9-position filter wheel

#### FLUORESCENCE IMAGING FILTERS

- Longpass filters at: 420nm, 455nm, 495nm, 550nm, 590nm, and 780nm
- Bandpass filters at: 415nm, 530nm and UV 315-380nm

#### INTERFACE

#### TOUCHSCREEN DISPLAY

- Integrated 7" multi-touch IPS TFT display (1024x600)
- HDMI live video output
- Micro SD input, USB and Micro-USB connectivity
- Ambient light sensor with auto screen brightness
- WiFi and Bluetooth connectivity

#### INTERNAL PROCESSOR

- Fully-integrated processor
- Image capture (BMP, TIFF, PNG, JPG) to SD Card
- Video capture (AVI) 1920x1080 to SD Card
- Real time clock for image capture time-stamping

#### PHYSICAL AND ELECTRICAL

##### SYSTEM DIMENSIONS

- H 126mm x W 207mm x D 159mm (excluding battery)
- Weight (when fitted with 2Ah battery) 1.75kg (approx.)
- 1/4-20 UNC tripod mounting thread

##### ELECTRICAL

- Designed for use with 2Ah or 4Ah Li-Ion removable battery
- Up to 2-hours battery runtime
- 12Vdc power input

##### ACCESSORIES

- Magnetic Lens cap
- 2m Premium HDMI Lead
- UV safety glasses
- Micro fibre cloth
- Evidence scale stickers
- 128GB MICRO SD CARD SDHC/SDXC USH-I CLASS 10

##### SYSTEM SOFTWARE

Crime-lite AUTO functions are carried out via an 'App' style interface using the system's integrated 7" multi-touch display.

##### GENERAL SOFTWARE FEATURES

- Live video search and capture (AVI)
- High-resolution capture of still images (BMP, TIFF, PNG, JPG)



**Your Reference:** AUTO w/o Accessories

**Our Reference:** C101601

**Quote Reference:** Q208180

**Date:** February 25, 2022

Page 4 of 8

- Complete control of all camera settings including: Exposure, white balance, focus, shooting mode (single-shot or continuous),
  - Complete control of all illumination settings including: Select single or multiple LED combinations, brightness adjust.
  - Complete control of all filtration settings including: Manual or semi-automated 'intelligent' filter selection
  - Pull-out image gallery of all recent work allowing comparison with current and previous images
  - Save and Recall images complete with all examination settings
  - Timestamp captured video and images
  - Image hashing
  - Option to export images and data to external USB
  - Option to connect secondary viewing monitor via HDMI
- SOFTWARE UPDATES**
- Software suite updates for 2 years
- LED Safety:** Crime-lite AUTO is provisionally classified to European safety standard risk group 2 (IEC/EN 62471:2008)

**CRIME-LITE AUTO BATTERY CHARGER  
(QCL/AUTO/ACC/3120V)**

- Rapid charging of Crime-lite auto Li-Ion batteries
- Charge status display

**L-SHAPE FORENSIC SCALE RULE (ASSY DWG 035-106-AS-00)  
(DCS/RULE)**

|   |                                                                   |   |          |          |
|---|-------------------------------------------------------------------|---|----------|----------|
| 2 | <b>INTERACTIVE EVIDENCE SAMPLE KIT<br/>(QCL/AUTO/INT-SAMPLES)</b> | 1 | 2,054.06 | 2,054.06 |
|---|-------------------------------------------------------------------|---|----------|----------|

Video presentation box for Crime-lite Sample Kit.  
Custom-made video box with integral 7" HD screen and two foam inserts to accommodate up to 20 evidence samples.

**Video Screen:**

- 7" HD display
- Pre-loaded video content
- Re-chargeable Li-Ion batteries
- Approximately 2-hours runtime

**ACCELERANT (SIMULATED) (QCL/SAMPLE/A)**

- Accelerant (simulated) on blue fabric to be used with blue light source (495nm LP or 530nm BP filter), blue-green light source (550nm LP or 550nm BP filter) or green light source (590nm LP filter) light source

**FLUORESCENT FINGERMARK (QCL/SAMPLE/B)**

**Your Reference:** AUTO w/o Accessories

**Our Reference:** C101601

**Quote Reference:** Q208180

**Date:** February 25, 2022

Page 5 of 8

- Fluorescent fingermark (plastic sample box) to be used with UV light source (visible pass or 420nm LP filter), violet light source (455nm LP), blue light source (495nm or 530nm BP filter), blue-green light source (550nm LP or 550nm BP filter) or green light source (590nm LP filter)

**POLYCYANO FINGERMARK (QCL/SAMPLE/C)**

- Polycyano (plastic bag) to be used with UV light source (visible pass or 420nm LP filter)

**TEXTILE FIBRES (QCL/SAMPLE/D) (QCL/SAMPLE/D)**

- Textile Fibres (green fabric with fibres) to be used with violet light source (455nm LP filter), blue light source (495nm LP or 530nm BP filter) or blue-green light source (550nm LP or 550nm BP filter)

**GENERAL DEBRIS (QCL/SAMPLE/E)**

- Debris to be used with UV light source (visible pass or 420nm LP filter), violet light source (455nm LP filter), blue light source (495nm LP or 530nm BP filter), blue-green light source (550nm LP or 550nm BP filter) or green light source (590nm LP filter)

**FOOTWEAR MARK (GEL LIFT) (QCL/SAMPLE/F)**

- Footwear mark (gel lift) with white light source with visible pass filter

**BODY FLUID (SIMULATED) (QCL/SAMPLE/G)**

- Body fluid (simulated) on white fabric with black backing to be used with UV light source (visible pass or 420nm LP filter), violet light source (455nm LP filter), blue light source (495nm LP or 530nm BP filter) or blue-green light source (550nm LP or 550nm BP filter)

**DRUGS SAMPLE (SIMULATED) (QCL/SAMPLE/H)**

- Drugs (simulated) in tiny grip seal polybag to be used with UV light source (visible pass or 420nm LP filter) or violet light source (455nm LP filter)

**BODY FLUID (SIMULATED) (QCL/SAMPLE/I)**

- Body fluid (simulated) on black cotton to be used with UV light source (visible pass or 420nm LP filter), violet light source (455nm LP filter), blue light source (495nm LP or 530nm BP filter) or blue-green light source (550nm LP or 550nm BP filter)

**BODY FLUID (SIMULATED) (QCL/SAMPLE/J)**

- Body fluid (simulated) on pink and black patterned fabric to be used with UV light source (420nm LP filter), violet light source (455nm LP), blue light source (495nm or 530nm BP filter) or blue-green light source (550nm LP or 550 BP filter) – demonstrates use of bandpass for best visualisation

**CYANOACRYLATE FINGERMARK (QCL/SAMPLE/K)**

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**Quote Reference:** Q208180

**Date:** February 25, 2022

Page 6 of 8

- Cyanoacrylate fingermark on plastic grip-seal bag to be used with UV light source (330-385nm BP filter)

**Fp NATURAL 1 FINGERMARK (QCL/SAMPLE/L)**

- Fp Natural 1 fingermark on aluminium foil to be used with blue light source (715 or 780nm LP filter) or red light source (715nm or 780nm LP filter)

**Fp NATURAL 2 FINGERMARK (QCL/SAMPLE/M)**

- Fp Natural 2 fingermark on wrapping paper to be used with red light source (715nm or 780nm LP filter) or IR light source (850nm filter)

**NINHYDRIN FINGERMARK (SIMULATED)  
(QCL/SAMPLE/N)**

- Ninhydrin fingermark (simulated) on green cardboard with green light source and visible pass filter for colour-contrast imaging

**BLOOD STAIN SIMULATED (QCL/SAMPLE/O)**

- Blood stain (simulated) on black with red pattern fabric to be used with IR light source (IR pass filter to block out visible light either 715nm or 780nm LP filter)

**GUNSHOT RESIDUE SAMPLES (SIMULATED)  
(QCL/SAMPLE/P)**

- GSR (simulated) on black fabric with white backing to be used with IR light source (IR pass filter to block out visible light either 715nm or 780nm LP filter)

**BLOOD STAIN (SIMULATED) (QCL/SAMPLE/Q)**

- Blood stain (simulated) on red patterned fabric to be used with IR light source (IR pass filter to block out visible light either 715nm or 780nm LP filter)

**PAINT (QCL/SAMPLE/R)**

- Paint on cardboard – two paints; midnight sapphire (blue) under dark angel (purple) on top to be used with IR light source (IR pass filter to block out visible light either 715nm or 780nm LP filter)

**3D FINGERMARK (OBLIQUE ACCESSORY)  
(QCL/SAMPLE/S)**

- Oblique (3D fingermark in mikrosil) with white light source and visible filter or UV light source (visible pass or 420nm LP filter) with oblique accessory for the CL Auto only.

**RECOVER FINGERMARK (COAXIAL ACCESSORY)  
(QCL/SAMPLE/T)**

- Coaxial (brass plate) – Recover fingermark to be used with white light source and visible pass filter with coaxial accessory for the CL Auto only.

**PRINTED INSTRUCTION MANUAL STORED IN THE  
SAMPLE BOX FOR EASY REFERENCE**

FOSTER+FREEMAN USA INC  
46030 MANEKIN PLAZA, SUITE 170  
STERLING, VA 20166, USA  
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Page 7 of 8

|          |                                                                                                                                                                                                                                                                                                                                                          |   |        |        |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------|--------|
| <b>3</b> | <b>ONLINE PRODUCT TRAINING (NON SP)</b><br>THIS ITEM IS EXEMPT FROM TAX<br><br>Live online training session with an Applications Engineer/Specialist. Presented via Zoom, Teams, or something similar. This is a live interactive training session to allow for questions and hands-on practice. Care and maintenance of the instrument is also covered. | 1 | 400.00 | 400.00 |
| <b>4</b> | <b>SHIPPING AND HANDLING</b>                                                                                                                                                                                                                                                                                                                             | 1 | 200.00 | 200.00 |

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Page 8 of 8

|                    |            |        |                  |
|--------------------|------------|--------|------------------|
| <b>TOTAL PRICE</b> | <b>USD</b> |        | <b>34,304.02</b> |
| <b>TOTAL TAX</b>   | <b>USD</b> | @ 7.8% | <b>2,644.51</b>  |
| <b>TOTAL VALUE</b> | <b>USD</b> |        | <b>36,948.53</b> |

**DESPATCH PERIOD:**

6-8 working weeks from receipt of order, subject to terms of payment details below. **Please note** despatch times are estimates and will be confirmed at time of order acknowledgement.

**TERMS OF DELIVERY:**

This price covers delivery including customs clearance, duties, taxes and local delivery.

**TERMS OF PAYMENT:**

Nett 30 Days from date of invoice Please note that a surcharge of 3% will apply to all credit card payments

**BANK DETAILS:**

United Bank, McLean, VA. Routing No 056004445, Foster & Freeman USA Inc., Account No. 70061289

**WARRANTY:**

1 year from date of receipt

**VALIDITY UNTIL:**

May 25, 2022

**SIGNED:**

Amy Temenak

Foster & Freeman Ltd. terms and conditions of sale apply.