



DEPARTMENT OF PROCUREMENT SERVICES NON-COMPETITIVE REVIEW BOARD (NCRB) APPLICATION

Complete this cover form and the **Non-Competitive Procurement Application Worksheet** in detail. Refer to the page entitled "Instructions for Non-Competitive Procurement Application" for completing this application in accordance with its policy regarding NCRB. Complete "other" subject area if additional information is needed. Subject areas must be fully completed and responses merely referencing attachments will not be accepted and will be immediately rejected.

Department	Originator Name	Telephone	Date	Signature of Application Author
Public Safety Administration / Chicago Police Department	Sarah Boyle	312-743-3501	10/2/2024	
Contract Liaison	Email Contract Liaison	Telephone		
Anne Davis	anne.davis@cityofchicago.org	312-745-5955		

List Name of NCRB Attendees/Department

Sarah Boyle, CPD	
Deputy Chief Kevin Bruno, CPD	Kevin Pater, PSA
Lieutenant Katie Holtkamp, CPD	Anne Davis, PSA
Lieutenant, Thomas Hanrahan, CPD	Lisa Clark, PSA
Ryan Fitzsimons, CPD	

Request NCRB review be conducted for the product(s) and/or service(s) described herein.

Company: Ron Smith and Associates, Inc. (RS&A)

Contact Person:	Phone:	Email:
Matthew Marvin	601-626-1100	mmarvin@ronsmithandassociates.com

Project Description: Latent Print Examination Training & Laboratory Accreditation Services

This is a request for:

New Contract

Amendment / Modification

Contract Type

Type of Modification:

Blanket Agreement Term: 36 (# of mo)

Time Extension **Vendor Limit Increase** **Scope Change**

Standard Agreement

Contract Number: _____

Specification Number: _____

Modification Number: _____

<p>Department Request Approval</p> <div style="text-align: center; font-size: 2em; margin-bottom: 10px;"></div> <p>DEPARTMENT HEAD OR DESIGNEE</p> <p>Frank Lindbloom</p> <p>PRINT NAME</p>	<p>Recommended Approval</p> <p style="font-size: 0.8em;">DocuSigned by:</p> <div style="text-align: center; font-size: 1.2em; margin-bottom: 10px;"></div> <p>1/10/2025</p> <p>BOARD CHAIRPERSON</p> <p>Steve Loboda</p> <p>PRINT NAME</p>
<p><u>9/30/24</u></p> <p>DATE</p>	<p>DATE</p>

(FOR NCRB USE ONLY)

Recommend Approval/Date: _____

Return to Department/Date: _____

Rejected/Date: _____

Approved **Rejected**

CHIEF PROCUREMENT OFFICER

1-22225

DATE



**DEPARTMENT OF PROCUREMENT SERVICES
NON-COMPETITIVE REVIEW BOARD (NCRB) APPLICATION
JUSTIFICATION FOR NON-COMPETITIVE PROCUREMENT WORKSHEET**

All applicable information on this worksheet must be addressed using each question found on the "Instructions for Non-Competitive Procurement Application" in this application.

Justification for Non-Competitive Procurement Worksheet

PROCUREMENT HISTORY

1. In an effort to continually provide the most effective police services and support victims of crime, the Chicago Police Department (CPD) in conjunction with the Office of Public Safety Administration (PSA) is seeking accreditation for its forensic science laboratory in multiple disciplines; including but not limited to, latent print comparison, latent print development, firearms examination and serial number restoration. Currently, CPD's forensic laboratory is not accredited.

First, laboratory accreditation is critical because it offers a way to identify a lab's conformance with established national and international standards. It conveys an expectation of excellence through increased quality control and accountability. Second, when evidence analysis is presented in court by an accredited forensic laboratory it is less likely to be challenged due to concerns about the quality of the analysis. Lastly, and most importantly, laboratory accreditation will strengthen community trust. Every victim deserves to have their evidence worked up in a lab that is accredited and follows the highest standards.

CPD's end goal is that the lab is self-sustaining and can maintain accreditation on its own. To accomplish this, CPD must ensure it has adequate staffing, equipment, training and sound policies to support the forensic laboratory. CPD in conjunction with PSA is requesting a sole source (NCRB) procurement approval to engage Ron Smith and Associates (RS&A) in a 36-month professional services agreement in the amount of \$4,466,871.28 to accomplish this goal.

CPD's lack of accreditation has led to challenges in court. Historically, in the Latent Print section the prescribed protocol was to send certain cases to the Illinois State Police's ("ISP") accredited laboratory. However, due to a backlog of cases, the ISP laboratory only accepts cases involving crimes against a person leaving property crimes to be analyzed solely by the CPD unaccredited laboratory. This presents incredible challenges in upholding the efficacy of the latent print analysis in court. As reported in 2019, the public defender's office has repeatedly leveraged the lab deficiencies to successfully undermine the prosecution, which results in more not-guilty verdicts and favorable plea deals. In the end, it is victims of crime who are most negatively impacted by the lack of accreditation.

The above noted challenge is not unique to Chicago. In 2009, Congress directed the National Academy of Sciences to undertake a study analyzing problems related to the interpretation of forensic evidence often in criminal prosecution and civil litigation to support presented conclusions. It was found that more focus was needed on standardizing the scientific method and reducing the examiners need to use human interpretation. The resulting recommendation was for increased standards through laboratory accreditation and examiner certification programs.

Before a laboratory can even apply for accreditation, it must go through a rigorous process comprised of more than 400 combined requirements of ISO/IEC 17025 and ANAB AR 3125 standards. ISO/IEC is the International Organization for Standardization and the International Electrotechnical Commission. This is a worldwide system for organization and is primarily used in the science field. ANAB is the ANSI National Accreditation Board. ANAB is the accreditation and certification body for forensic laboratories in the United States.

The accreditation requirements for a forensic laboratory include reviewing the requirements of ISO/IEC 17025; understand the language of ISO/IEC; training staff in the principles of self-auditing; implementing quality management; developing strategy for policy and procedure development; adopting a quality manual; and performing a self-audit. All of this must be accomplished while the laboratory is fully operational and accepting current cases.

RS&A was chosen based on its reputation in the forensic field. RS&A is the go-to-lab to assist law enforcement agencies for a variety of forensic laboratory issues including seeking accreditation and re-accreditation. When laboratories are shut down for compliance issues RS&A is the go-to-lab to work with laboratories to manage their current caseload and help them re-establish compliance. RS&A currently serves as the quality managers for nine



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other law enforcement forensic laboratories. All RS&A examiners are highly experienced examiners (average of 19.8 years' experience per examiner) who are all board certified, and court accepted experts in their areas of expertise. RS&A also has the capability to conduct laboratory examination on criminal cases,

RS&A will provide services including supervising casework for newly trained examiners and the preparation and submission of laboratory accreditation as further described in the Scope of Services.

2. In 2024, CPD engaged RS&A under the Superintendent's authority related to training agreements as provided in MCC 2-84-056 to train 19 police officers as latent print laboratory examiners resulting in corresponding certification for all trained officers. Additionally, RS&A is the only ISO/IEC 17043 accredited proficiency test provider and ISO/IEC 17025 accredited forensic laboratory that offers latent print comparison and latent print processing proficiency test for latent print examiners. The technical training provided to the examiners goes hand-in-hand with the casework, quality management and case examinations services required for the accreditation process.

Under this request, RS&A would continue to support our latent print examination peer casework reviewing and quality management. Additionally, RS&A would provide training and support for CPD to seek accreditation.

3. RS&A is uniquely qualified in that they are the largest provider of forensic identification training, consulting, proficiency testing, and quality management services in the United States therefore the only provider capable of handling scale and magnitude of the required services for the CPD forensic laboratory. The accreditation requirements are comprehensive and accounts for the technical competency of staff, appropriateness of testing methods, suitability of testing equipment, proper handling of evidence and quality assurance of test data. Having a methodical process in place that is consistent between the examiner training process and the laboratory accreditation preparation is paramount in illustrating that the laboratory meets the accreditation criteria.

4. CPD did extensive research including attending industry specific conferences to network with potential firms and conducting internet searches to identify firms to complete the full scope of services the Department needs. RS&A is the only private internationally accredited laboratory in ISO/IEC 17025 for latent prints comparison, latent print development, firearms examination and serial number restoration. ISO/IEC 17025 is the highest level of accreditation for a forensic laboratory. RS&A has proven experience bringing large scale municipalities to accreditation and re-accreditation standards include Washington D.C., Houston Police Department, State of South Dakota and State of Colorado, among others.

5. This is a one-time request. The objective is to provide the laboratory with the skills, resources and equipment needed to continue to maintain a highly qualified accredited laboratory. The goal is that CPD will seek accreditation renewal without outside assistance.

6. Future competitive bidding is not needed as this contract will result in an accredited self-sustaining forensic laboratory that demonstrates compliance with internationally accepted standards.

ESTIMATED COST

1. Total estimate cost: \$4,466,871.28

Funding source: 024-0100-0574180-0169-220169

2. 2025: \$2,572,813.68

2026: \$1,362,954.02

2027: \$531,103.58



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3. RS&A's standard rate is \$300 per hour for the services related to examiner mentorship, however they are extending a discounted rate of \$200 per hour. The discounted rate is comparable to that of services provided to other government law enforcement agencies.

4. CPD is already engaging RS&A to train latent print examiners. As RS&A is the only private accredited laboratory who can provide the services as described in the Scope of Services, CPD would not be able to proceed with the accreditation process.

5. The proposed pricing is competitive because it is comparable to the rates provided under the previous training agreement. Additionally, RS&A will hold the pricing as described herein for the duration of the agreement.

SCHEDULE REQUIREMENTS

1. On average it takes entities approximately 18-24 months to prepare and apply for accreditation. The timeframe largely, if not fully, is dependent on the pace of the examiners to complete the mentorship program and the laboratory's ability to demonstrate that it is proficient in meeting the qualifications for accreditation. The preparation for accreditation is not one that should be rushed. Given the size of CPD's forensic laboratory and the volume of cases that are processed in the laboratory, CPD is requesting a 36-month agreement to allow examiners and the laboratory an appropriate amount of time to prepare for accreditation.

2. N/A

3. It is critical that the CPD forensic laboratory become accredited as soon as possible. Accreditation provides a reliable guarantee that the evidence analysis presented in court is accurate and trustworthy, achieved through rigorous quality standards and procedures, thereby conveying credibility of the examiner and laboratory management to the court and public. Additionally, it minimizes the risk of challenges to the evidence due to concerns about proper methodology or competency of the examiner.

4. The delay in preparing and applying for the accreditation would impact the outcome of more court cases which utilize evidence analyzed by the forensic laboratory. Additionally, legislation already exists in at least eleven states requiring forensic service providers to be or become accredited using an international standard. It is fully expected that accreditation will eventually become mandatory for all publicly funded forensic service providers.

EXCLUSIVE OR UNIQUE CAPABILITY

1. RS&A is the largest privately owned provider of forensic identification training, consulting, proficiency testing, and quality management services in the United States. RS&A is currently accredited under ISO/IEC 17025 and 17043 standards. These accreditations ensure that RS&A has been fully vetted and is qualified to provide technical training, casework, quality management, and case examinations to our wide base of clientele. RS&A is the only service provider that has the level of experience and skills needed to assist the Chicago Police Department Forensic Science Laboratory in achieving its accreditation, casework, and training goals.

RS&A is the only forensic consulting company in the United States which possesses all of these credentials, skill sets, and previous experience in these critically important areas. They are the only company who has been tasked with, and successfully completed, projects of similar scope and magnitude. RS&A is comprised of the largest group of forensic identification professionals in the country and is the only company which keeps a cadre of I.A.I. Board-Certified Latent Print Examiners on staff or exclusive contract on a full-time basis. No other company has the ability, experience, credentials, infrastructure, and qualified personnel necessary to meet the needs of the CPD in this



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endeavor.

2. RS&A is the only forensic service provider that has the range and depth of experience in their quality managers and technical experts required to guide the forensic laboratory staff of CPD through the ISO/IEC 17025 accreditation process. RS&A will ensure the lead quality manager assigned to the CPD has over 20 years of experience in forensics including working directly in quality management. Additionally, each of RS&A's technical experts is a veteran examiner with several years of experience performing forensic casework examinations. The technical experts have also worked with other quality managers and organizations in achieving forensic accreditation.

3. RS&A has done training, mentorship and casework services for many other forensic laboratories of similar size and nature. The team of latent print examiners are board certified by the International Association for Identification with a minimum of five years who are fully informed in the various aspects of best practices under International Organization for Standardization, ISO 17020, and 17025 and who currently work in an ISO 17025 accredited laboratory.

4. N/A

5. RS&A is the only forensic consulting company in the United States which possesses all of these credentials, skill sets, and previous experience in these critically important areas. They are the only company who has been tasked with, and successfully completed, projects of similar scope and magnitude. RS&A is comprised of the largest group of forensic identification professionals in the country and is the only company which keeps a cadre of I.A.I. Board-Certified Latent Print Examiners on staff or exclusive contract on a full-time basis. No other company has the ability, experience, credentials, infrastructure, and qualified personnel necessary to meet the needs of the CPD in this endeavor.

6. RS&A will source forensic laboratory equipment required for the accreditation. The equipment is highly specialized and technical in nature to the extent that it will need to be sourced for a provider outside of the United States. Not having equipment that meets the criteria of the accreditation will severely impact CPD's ability to become accredited. For this reason, the best solution is to have RS&A source the equipment. Additionally, it is not conducive to procure the equipment via a bid solicitation to the lowest responsive respondent.

7. N/A

OTHER

N/A



CITY OF CHICAGO

OFFICE OF PUBLIC SAFETY ADMINISTRATION

To: Steve Loboda, Chairman
Non-Competitive Review Board (NCRB)
DEPARTMENT OF PROCUREMENT SERVICES (DPS)

FROM: Kevin Pater, Deputy Director
PUBLIC SAFETY ADMINISTRATION (PSA)

Date: December 4, 2024

Subject: **Responses to the NCRB's Request for Clarification**
Latent Print Examination Training & Laboratory Accreditation Services
Ron Smith & Associates, Inc.
Estimate Contract Value: \$4,466,871.28
Requisition: 626135 Specification: 1308335

The Office of Public Safety Administration (PSA) in collaboration with the Chicago Police Department (CPD) presented the above referenced request to the Non-Competitive Review Board (NCRB) on November 5, 2024. Below are the PSA and CPD's responses to the NCRB's seven (7) requests for clarification.

NCRB Request #1: We understood from the presentation that another justification is that the vendor is uniquely able to provide quality assurance staff (e.g. certified Latent Print Examiners and a QA manager?) to support needed lab accreditation consulting services because it is the only private forensic testing lab in the US, but if our understanding is accurate, we didn't find these facts clearly stated in the materials. Please clarify, and explain why this capability is needed.

PSA/CPD Response: The vendor is uniquely qualified because they are the only International Organization for Standardization ("ISO") 17025 for testing and calibration laboratories, specifically an American National Standards Institute National Accreditation Board ("ANAB") 3125 accredited private forensic laboratory that offers latent print comparison and latent print processing proficiency tests for latent print examiners. Additionally, the vendor is the largest privately owned provider of forensic identification training, consulting, proficiency testing and quality management services in the United States.

In addition to the 800-hours of latent print training, the certification process requires new examiners receive two years of full-time experience before applying for the certification exam. Best practices include supervised casework by an International Association for Identification ("IAI") board certified examiner. The process ensures new examiners are applying consistent methods and techniques resulting in findings that are of the highest quality. Furthermore, latent print comparisons are the most likely examinations to be challenged in court. Being under the auspice of the vendor's ANAB accreditation and supervised by IAI certified examiners, the vendor will provide needed courtroom testimony for the work under their supervision.

All activities related to the accreditation process will be performed under the auspice of the vendor's ISO accreditation demonstrating that all methods, practices and conduct related to the work of latent print examinations is done in a manner that conforms to the accreditation standards. The vendor is the only company that has received approval from the ANAB to bring the CPD examiners under the vendor's accreditation. To ensure the CPD lab is following all 400 requirements of the ISO 17025 latent print accreditation process, the vendor will provide services including laboratory manual development & implementation, laboratory quality control, international accreditation preparation and acquiring required laboratory equipment.

The work being performed by the vendor is highly specialized and incredibly technical. As of July 2024, there were only 935 IAI certified latent print examiners throughout the entire world. The vendor's certified examiners have experience in conducting laboratory examinations on criminal cases, serving as the quality managers for ten other law enforcement forensic laboratories, and helping laboratories gain compliance to international accreditation standards. All vendor examiners are highly experienced examiners (average of 19.8 years' experience per examiner) who are all board certified, and court accepted experts in their areas of expertise. Furthermore, CPD requires a vendor who not only has the proven specialized experience evidenced by its own accreditation but also the available capacity to support an operation as large as the CPD forensic laboratory. The Boston Police Department and the Houston Police Department have both engaged the vendor for comparable services and successfully achieved accreditation in their laboratories.

NCRB Request #2: Add detailed specifications for the F+F DCS5 photography system and Crime-Lite Auto into the scope of services.

PSA/CPD Response: Revised scope of services included in the NCRB application.

NCRB Request #3: Please explain the following:

3.a. Why is it necessary to have RS&A purchase the F+F DCS5 photography system, Crime-Lite Auto and software for the City and charge us over a period of three years? At what point does the City take possession of the F+F DCS5 photography system and one Crime-Lite Auto?

PSA/CPD response: The administrative burden of sourcing, purchasing, managing logistics for specialized forensics lab equipment, coordinating individual training, and navigating the accreditation process is significant. It is common that RS&A provides this service in law enforcement crime laboratory contracts. The vendor is highly experienced in these areas, which is why we are seeking a full-service contract to ensure a smooth and timely path to accreditation without delays. If CPD does not have a full-service contact, we run the risk of key elements of this contact faltering and therefore not gaining accreditation in a timely manner. Additionally, as outlined in the scope of services, RS&A will provide laboratory management training. This training will cover the essential administrative functions needed to effectively run the lab. Upon completion of this contract, CPD will have the knowledge and skills required to independently manage these tasks moving forward.

The City will take possession of the laboratory equipment during year one of the agreement to ensure examiners have adequate time to become proficient with the required equipment prior to the accreditation validation testing. This will ensure CPD stays within the 24-36 month timeline for receiving the laboratory accreditation. The cost proposal was originally broken down by year. The revised cost proposal removes the annual delineation to better address the total contract costs including equipment, equipment maintenance, software and related warranties. CPD will receive the required equipment at industry standard pricing with no

additional charges from the vendor. For your reference, the quotes are included in the NCRB application as Appendix 1-6.

3.b. Please add a justification explaining why the F+F DCS5 and Crime Lite-Auto and the other equipment are the only products that will work for this purpose and what makes them unique and exclusive.

PSA/CPD response: The quality and caliber of equipment used in the forensics laboratory will impact the ability for the laboratory to achieve accreditation. There are 49 mentions of equipment requirements in the accreditation standards process. The vendor has successfully achieved lab accreditation with the proposed equipment and will guarantee that all equipment purchased under the agreement will pass the required accreditation validation testing. Including equipment as part of the scope of services will reduce barriers for CPD to achieve accreditation within the duration of this agreement.

3.c. Explain any maintenance and warranty package associated with the equipment to be provided.

PSA/CPD response: Revised scope of services included in the NCRB application.

NCRB Request #4: Please explain why the IAI membership and training are included in the quote. Also, explain why the ANAB accreditation application fee is included in the quote as opposed to OPISA paying it directly. We assume that once the Lab is accredited, you will be pay it directly anyway.

PSA/CPD response: The IAI memberships for the new examiners will be under the auspice of the vendor's accreditation. If the examiners do not complete their certification or participate in the required continuing education opportunities, the vendor could jeopardize its own accreditation and credibility in the industry. Once the mentorship services conclude, the vendor will no longer pay the membership fees. It is anticipated that the mentorship program will conclude in two years therefore the cost proposal includes two (2) years of IAI membership fees only. Additionally, latent print examiners are frequently called upon to testify in court regarding their techniques, observations, and conclusions. To be accepted by the court, the examiners must demonstrate expertise in latent print analysis. The most basic proof is showing affiliation with professional organizations through certification and membership. As the vendor is supervising the casework, the CPD examiner's ability to be viewed as an expert directly impacts the credibility of the vendor. To mitigate the risk for the vendor, they will manage and maintain the examiner's memberships and continuing education while under the vendor's accreditation.

The vendor will also pay for the ANAB accreditation application fee as part of the application process which requires documented proof for how the laboratory conforms to all 400 required standards.

The administrative burden of sourcing, purchasing, managing logistics for specialized forensics lab equipment, coordinating individual training, and navigating the accreditation process is significant. It is common that RS&A provides this service in law enforcement crime laboratory contracts. RS&A is highly experienced in these areas, which is why we are seeking a full-service contract to ensure a smooth and timely path to accreditation without delays. If CPD does not have a full-service contact, we run the risk of key elements of this contact faltering and therefore not gaining accreditation in a timely manner.

Additionally, as outlined in the scope of services, RS&A will provide laboratory management training. This training will cover the essential administrative functions needed to effectively run the lab. Upon completion of this contract, we will have the knowledge and skills required to independently manage these tasks moving forward.

NCRB Request #5: The vendor must provide a revised quote detailing all costs and quantities; the provided quote is undated, and it is unclear that it is current.

PSA/CPD response: Revised, dated cost proposal included in the NCRB application.

NCRB Request #6: Please explain if the associated software will be owned or it will be software as a service (SAS)? How will it be maintained and upgraded after the third year? Also, explain the name changes to the software company and update the application as appropriate.

PSA/CPD response: The quality management software is a critical SAS service because it provides document control to ensure scientists are only using current and approved methods, techniques and procedures which is ultimately required for accreditation. The software must comply with standards for quality management systems, any required regulatory guidelines and meet or exceed all protection acts related to software security. Furthermore, the SAS must be cloud-based so all examiners, scientists, and technicians have accesses to the same document versions.

As the lab seeks accreditation, it is advantageous for CPD to utilize the quality management software that the vendor currently utilizes to allow for sharing of documents related to the supervised case work.

NCRB Request #7: Please make sure all letters from the vendor are signed and dated.

PSA/CPD response: Signed and dated vendor letters included in the NCRB application.

We appreciate your review and consideration. Please reach out to Anne Davis at anne.davis@cityofchicago.org with any additional requests.

Thank you.

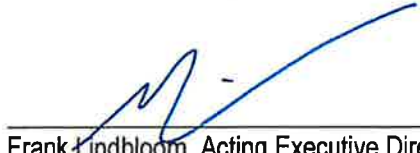
cc: Kevin Pater, PSA
Sarah Boyle, CPD
Natalie Gutierrez, PSA



CITY OF CHICAGO

OFFICE OF PUBLIC SAFETY ADMINISTRATION

To: Sharla Roberts, Chief Procurement Officer
DEPARTMENT OF PROCUREMENT SERVICES (DPS)

FROM: 
Frank Lindbloom, Acting Executive Director
PUBLIC SAFETY ADMINISTRATION (PSA)

Date: October 2, 2024

Subject: **New Contract Request NCRB Sole Source**
Latent Print Examination Training & Laboratory Accreditation Services
Ron Smith & Associates, Inc.
Estimate Contract Value: \$4,466,871.28
Requisition: 626135 Specification: 1308335

The Office of Public Safety Administration (PSA) on behalf of the Chicago Police Department (CPD) respectfully submits this package to the Non-Competitive Review Board (NCRB) for review and approval of a new contract with Ron Smith & Associates, Inc. (RS&A) for latent print examination and laboratory accreditation services.

In an effort to continually provide the most effective police services and support victims of crime, CPD is seeking accreditation for its forensic science laboratory in multiple disciplines; including but not limited to, latent print comparison, latent print development, firearms examination and serial number restoration. Currently, CPD's Forensic Laboratory is not accredited.

First, laboratory accreditation is critical because it offers a way to identify a lab's conformance with established national and international standards. It conveys an expectation of excellence through increased quality control and accountability. Second, when evidence analysis is presented in court by an accredited forensic laboratory it is less likely to be challenged due to concerns about the quality of the analysis. Lastly, and most importantly, laboratory accreditation will strengthen community trust. Every victim deserves to have their evidence worked up in a lab that is accredited and follows the highest standards.

CPD's end goal is that the lab is self-sustaining and can maintain accreditation on its own. To accomplish this, CPD must ensure it has adequate staffing, equipment, training and sound policies to support the forensic laboratory. CPD in conjunction with PSA is requesting a sole source (NCRB) procurement approval to engage Ron Smith and Associates (RS&A) in a 36-month professional services agreement in the amount of \$4,466,871.28 to accomplish this goal.

History & Impact

CPD's lack of accreditation has led to challenges in court. Historically, in the Latent Print Section, the prescribed protocol was to send certain cases to the Illinois State Police's ("ISP") accredited laboratory. However, due to a backlog



CITY OF CHICAGO

OFFICE OF PUBLIC SAFETY ADMINISTRATION

of cases, the ISP laboratory only accepts cases involving crimes against a person leaving property crimes to be analyzed solely by the CPD unaccredited laboratory. This presents incredible challenges in upholding the efficacy of the latent print analysis in court. As reported in 2019, the Public Defender's Office has repeatedly leveraged the lab deficiencies to successfully undermine the prosecution, which results in more not-guilty verdicts and favorable plea deals. In the end, it is the victims of crime who are most negatively impacted by the lack of accreditation.

The above noted challenge is not unique to Chicago. In 2009, Congress directed the National Academy of Sciences to undertake a study analyzing problems related to the interpretation of forensic evidence often in criminal prosecution and civil litigation to support presented conclusions. It was found that more focus was needed on standardizing the scientific method and reducing the examiners need to use human interpretation. The resulting recommendation was for increased standards through laboratory accreditation and examiner certification programs.

MBE/WBE Compliance Goals

RS&A has submitted a justification letter requesting MBE/WBE no stated goals. The contract involves highly specialized and technical work to assist the CPD's Forensic Laboratory in achieving 100% compliance with over 400 ISO/IEC 17025 and ANAB AR3125 standards required to apply for accreditation. For this reason, it is expected that there will be no or very limited opportunities for direct participation in the contract.

Supporting Documents

In support of this request, please find the following attachments:

1. Non-Competitive Review Board Application
2. DPS Project Checklist
3. RS&A Compliance Request Letters
4. Scope of Work
5. Notice to vendor with copy of City's general contract terms and conditions
6. Insurance Requirements approved by the Risk Department
7. Economic Disclosure Statement Certificate
8. RS&A Sole Source Justification
9. RS&A Quote

The funding line for this procurement will be 024-0100-0574180-0169-220169. Requisition #626135 has been prepared and forwarded for further processing upon your approval.

If you should have any questions, please contact Anne Davis, Contracts Coordinator, at 312-745-5955 or anne.davis@cityofchicago.org.

cc: Natalie Gutierrez, PSA
Kevin Pater, PSA
Lisa Clark, PSA

Attachment(s)



Attach required forms for each procurement type and detailed scope of services and/or specifications and forward original documents to the Chief Procurement Officer; City Hall, Room 806.

Date: 10/2/2024

Department Name:
Office of Public Safety Administration

Requisition No: 626135 Specification No: 1308335

PO No: Modification No:

Contract Liaison:
Anne Davis

Telephone:
312-745-5955

Email:
anne.davis@cityofchicago.org

Project / Program Manager:
Kevin Pater

Telephone:
3132-745-3510

Email:
kevin.pater@cityofchicago.org

For Blanket Agreements, the lead department must consult with other departments who may want to participate in the Blanket Agreement. If grant funded, attach copy of the approved grant application and other terms and conditions of the funding source.

Note:
1) **Funding:** Attach information if multiple funding lines
2) **Individual Contract Services:** Include approval form signed by all parties
3) **ITGB:** IT project valued at \$100,000.00 or more, attach approval transmittal sheet.

*Contract Liaison Signature
Anne Davis
By signing this form, I attest that all information provided is true and accurate.

Project Title: Latent Print Examination Training & Laboratory Accreditation Services

Project Description: NRCB Sole Source New Contract Request

Funding:

Corporate Bond Enterprise Grant Other:
 IDOT/Transit IDOT/Highway FHWA FTA FAA

LINE	FY	FUND	DEPT	ORGN	APPR	ACTV	PROJECT	RPTG	ESTDOLLAR AMOUNT
1	024	0100	057	4180	0169	220169			\$4.46M

Check One:
 New Contract Request

**By signing below, I attest the estimates provided for this contract are true and accurate.*

*Project / Program Manager Signature
Kevin Pater

*Commissioner/Authorized Designee Signature
[Signature]

Purchase Order Type:

Blanket/Purchase Order (DUR)
 Master Consultant Agreement (Task Order)
 Standard/One-Time Purchase

Procurement Method:

Bid RFP RFQ RFI
 Small Order

Special Approvals Required:

Emergency
 Non-Competitive Review Board (NRCB)
 Request for Individual Contract Services
 Information Technology Governance Board (ITGB)
 IDOT Concurrence

Purchase Order Information:

Contract Term (No. of Months): 36 months

Extension Options (Rate of Recurrence):

Estimated Spend/Value: \$ 4,466,871.28

Grant Commitment / Expiration Date:

Pre-Bid/Submittal Conference: Yes No
 Mandatory Site Visit

Contract Type:

Architect Engineering Commodity Construction JOC SBI
 Professional Services Revenue Generating Vehicle & Heavy Equipment
 Work Service Joint Procurement Reference Contract

Modification or Amendment

Modification Information:

PO Start Date:
PO End Date:
Amount (Increase/Reduction):

MBE/WBE/DBE Analysis: (Attach MBE/WBE/DBE Goal Setting Memo)

Full Compliance Contract Specific Goals
 No Stated Goals Waiver Request

Risk Management / EDS / IDOT

Insurance Requirements (included) Yes No
EDS Certification of Filing (included) Yes No
IDOT Concurrence (required) Yes No

Safety Enhancing Vehicle Equipment (MCC 2-92-597) Yes ___ No

Modification/Amendment Type:

Time Extension Scope Change/Price Increase /Additional Line Item(s)
 Vendor Limit Increase Requisition Encumbrance Adjustment
 Other (specify):

Vendor Information

Name: Ron Smith & Associates, Inc.
Contact: Matt Marvin
Address: 9335 Highway 19 North, Collinsville, MS
E-mail: mmarvin@ronsmithandassociates.com
Phone: 601-626-1100

Scope of Services
Latent Print Examination Training & Laboratory Accreditation Services

Ron Smith & Associates (“RS&A”) shall provide the City of Chicago acting through its Office of Public Safety Administration (“OPSA”) and Chicago Police Department (“CPD”) technical services related to latent print examination training and crime laboratory accreditation.

Background

RS&A examiners conduct laboratory examinations on criminal cases, serve as the quality managers for ten other law enforcement forensic laboratories, help laboratories gain compliance to international accreditation standards, and are the go-to-lab to assist law enforcement agencies for a variety of forensic laboratory issues. All RS&A examiners are highly experienced examiners (average of 19.8 years’ experience per examiner) who are all board certified, and court accepted experts in their areas of expertise.

Intent

The mission of CPD is to protect the lives, property, and rights of all people, to maintain order, and to enforce the law impartially by striving to attain the highest degree of ethical behavior and professional conduct. The below services will further CPD’s mission by ensuring the latent print unit has the tools and resources needed to provide expert results.

Service Overview

RS&A will provide technical services related to latent print examination training and crime laboratory accreditation through the following methods:

1. Supervised Casework

RS&A will continue its training program for the CPD latent print examiners by providing on-site and remote mentoring through “Supervised Casework” for the nineteen (19) newly certified CPD latent print examiners.

Supervised Casework is an apprenticeship-style training process newly trained examiners undergo after successful completion of a formal training program and competency tests. This higher-level oversight, mentorship and training program is required to ensure lab outcomes are scientifically sound and supported by a sufficient technical record.

The Supervised Casework includes verification of all conclusions, and technical and administrative review for 100% of cases for new examiners, as well as mentoring, training

and evaluation/corrective action of new examiners until they have demonstrated the skills, knowledge and qualifications required for independent casework.

Supervised Casework will occur under the auspices of RS&A's ISO/IEC 17025 International Laboratory Accreditation and encompasses all services required for examiner certification including, but not limited to:

- Preparation for CPD latent print examiners to take the Internationally recognized IAI latent print board certification examination;
- Management and coordination of all required annual membership and continuing education requirements for laboratory accreditation; and
- Continual training in courtroom testimony and trending legal arguments.

2. International Laboratory Accreditation Process

Simultaneously with the Supervised Casework for the newly certified CPD latent print examiners, RS&A will provide CPD with services related to attaining ISO/IEC 17025 International Laboratory Accreditation with ANAB accrediting body.

Laboratory accreditation offers a way to identify a lab's conformance with established standards and conveys an expectation of excellence through increased quality control, accountability, and public trust. The process comprises more than 400 combined requirements of ISO/IEC 17025 and ANAB AR 3125 standards. Services will include, but are not limited to, the following:

- Laboratory Manual Development & Implementation: Produce a CPD-specific quality manual, and any discipline specific manuals such that all policies, procedures, methods, or instructions tailored to comply with high quality industry practices and the laboratory accreditation requirements. These manuals will be written to comply with the overarching CPD policies and procedures and adopted as part of the crime laboratory management system. RS&A will also present the documents to either or both policy and legal departments to aid in their understanding of the documents and the related accreditation requirements, with the goal of expediting the approval process.
- Laboratory Quality Control: RS&A will ensure that all documents that are part of the CPD crime laboratory management system have been reviewed and approved for use to prevent the unintended use of an obsolete document. Additionally, RS&A will assign a full-time quality manager who will perform all quality management related duties in a combination of on-site and off-site functions and duties.

- Laboratory Process Audit: RS&A will perform an annual CPD Laboratory audit and management review. During the audit, there will be a thorough review of documents and of administrative, quality and technical records. Additionally, RS&A will interview laboratory personnel and perform direct observations of CPD examiners. A report containing detailed findings and suggestions for improvement will be prepared with suggested corrective actions, if necessary. RS&A will schedule a management review with CPD to evaluate suitability, adequacy and effectiveness of the crime laboratory management system.
- International Accreditation Preparation: RS&A will prepare all the required application documents, including the draft scope of accreditation, correspondence with the accrediting body, and on-site assessment activities.
- Laboratory Equipment, Maintenance & Software: RS&A will identify and acquire the necessary laboratory equipment and software that meets or exceeds international laboratory accreditation requirements, including the requirement to pass necessary validation tests.

Equipment:

- Ivesta 3 (integrated camera) & related accessories
 - Quantity: One (1)
- Ivesta 3 (without integrated camera) & related accessories
 - Quantity: eight (8)
- LEEDS Firearms and Tool Marks Comparison Microscope (LCF2)
 - Quantity: Two (2)
- DCS5 Full Spectrum Imaging Systems & related accessories
 - Quantity: Three (3)
- CRIME-LITE Auto Imaging System
 - Quantity: Three (3)
- Evidence Drying Units
 - quantity: fifteen (15) units comprised of 32 separate chambers of varying sizes.

Maintenance on current equipment:

- Bullet Recovery Water Tank
 - Maintenance and parts replacement will be done by the equipment's manufacturer, Team Fabrications Inc.

Software:

- Quality Management Software as a service for quality standards and document control
- Must comply with standards for quality management systems, any required regulatory guidelines and meet or exceed all protection acts related to software security.

Warranty:

RS&A must provide and transfer all documentation issued by the manufacturer for the proposed equipment. This includes the manufacturer's genuine parts/product information, recall notices, manuals, licenses, assemblies, and/or accessories supplied by the original equipment manufacturer (O.E.M).

Original product warranty and related services for the equipment and repair provided under this contract per the standard warranty regularly supplied are to be issued to the Chicago Police Department as the original owner.

3. Crime Laboratory Management System Mentorship

Crime laboratory management is a distinctive role within law enforcement agencies, and requires specific knowledge, skills, and abilities to be successful. The mentorship program shall include detailed training on the implementation of management requirements related to impartiality, confidentiality, organizational structure, facilities, purchasing, training and monitoring of personnel as well as the management system requirements.

Additionally, the mentorship shall include training on grant writing and resources available through professional organizations.

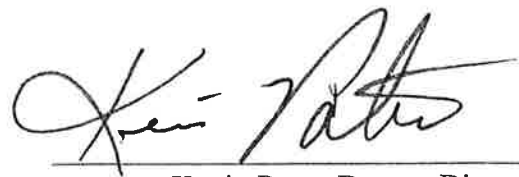
Training and mentoring shall ensure that laboratory management has a functional knowledge of each discipline for which the laboratory conducts testing. Training will be provided by experienced, certified, high-level bench working technical experts in the following disciplines:

1. Latent prints – Two (2) days on-site, two (2) virtual meetings, plus continued mentoring as needed.
2. Firearms/Toolmarks– Three (3) days on-site, three (3) virtual meetings, plus continued mentoring as needed.

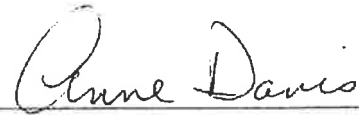
RS&A will provide the management level staff, as determined by CPD, with training and mentorship in laboratory leadership. CPD may require additional training dates, if needed. At a minimum, the trainings include:

- a. Laboratory leadership mentorship large lab: Four (4) days on-site, two (2) virtual one-hour meetings.
- b. Laboratory leadership mentorship small and medium labs and grant writing: Four (4) days on-site, two (2) virtual one-hour meetings.

c. Quality management training and mentorship for an internationally accredited lab, with a focus on quality management and the ISO/IEC 17025 and AR 3125 management requirements.: five (5) days on-site plus two (2) virtual days.



Kevin Pater, Deputy Director
Office of Public Safety Administration



Anne Davis, Contracts Coordinator
Office of Public Safety Administration

Scope of Services

Latent Print Examination Training & Laboratory Accreditation Services

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Training and mentoring shall ensure that laboratory management has a functional knowledge of each discipline for which the laboratory conducts testing. Training will be provided by experienced, certified, high-level bench working technical experts in the following disciplines:

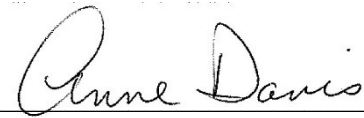
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Kevin Pater, Deputy Director
Office of Public Safety Administration

A handwritten signature in cursive script that reads "Anne Davis".

Anne Davis, Contracts Coordinator
Office of Public Safety Administration

P.O. Box 670
Collinsville, MS 39325



Toll Free: 1-866-832-6772
Office: (601) 626-1100
Fax: (601) 626-1122

Ron Smith & Associates, Inc.

www.RonSmithandAssociates.com

December 2, 2024

Chicago Police Department
Finance Division/Procurement Services
Attn: Anne Davis
3510 S. Michigan Avenue
Chicago, IL 60653

RE: Request and Justification for Waiver of MBE/WBE Compliance Goals

Dear Ms. Davis,

Ron Smith and Associates, Inc (hereinafter RS&A), is requesting a waiver of stated percentage MBE/WBE compliance goals. RS&A is seeking to continue our work with the Chicago Police Department by mentoring newly trained forensic scientists, by getting the Chicago Police Department independent international accreditation by achieving 100% compliance with over 400 ISO/IEC 17025 and ANAB AR3125 laboratory standards, and by training the laboratory management in effective crime laboratory management to include specific training in the forensic disciplines currently offered by the Chicago Police Department. All of these functions are highly specialized, and require specific knowledge, skills, and abilities to be successful.

The services being provided by RS&A are critical. Forensic scientists are regularly called to testify in courts of law on criminal matters where life and liberty are at stake. These are high stakes roles and functions for a city and for a police department. The work of a forensic science laboratory must be of the highest quality and consistent with international standards to ensure that the facts of the evidence are accurate, reliable, and trustworthy. It is not an exaggeration to say that innocent people can die because of incorrect forensic science work. It is with this understanding that RS&A seeks to provide services and products to the City of Chicago and the Chicago Police Department to build a forensic science laboratory system that is beyond reproach. There is no room for error in services that are of this highly specialized, highly technical, and highly critical nature.

In support of this request, I have personally reviewed every line of the list of certified WBE/MBE as published by the City of Chicago. While it would be our honor and pleasure to work with companies from this list, there are not companies represented on the list that provide the services necessary for the fulfilment of the scope of work. Specifically, on the certified list, there is not a company that offers forensic science examination, there is not a company that is an ISO/IEC 17025 accredited forensic science service provider, there is not a company that offers specialized forensic science training, and there is not a company that offers specialized forensic

science mentorship/apprenticeship. Not only did I personally review the entire list, I also did multiple searches for key terms that would indicate a portion of the forensic services could be provided, with no successful candidate returned from the list of certified MBE/WBE.

The services being provided by RS&A are highly technical and highly specialized. As an example, the mentors providing the training are all board-certified latent print examiners through the International Association for Identification. At the time of this letter, there are 943 board certified latent print examiners in the world. Successful completion of just the mentorship portion of this project requires a minimum of 7 board certified latent print examiners. Furthermore, this project requires a highly experienced Forensic Laboratory Quality Assurance Manager. That Forensic Laboratory Quality Assurance Manager must have over a decade of experience working in internationally accredited public crime laboratories in a Quality Assurance Manager or Laboratory Director capacity, have the availability to be immediately responsive to quality issues that may arise in a forensic laboratory, have a proven track record of successful laboratory management, and be an effective teacher in quality management and laboratory management matters. I found no such certified MBE/WBE on the list.

RS&A is committed to the goals of the City of Chicago as it relates to the services and products we propose to provide. RS&A often uses independent contractors from around the United States, and are currently using WBE companies in support of our current training contract; albeit not on the certified list due to the aforementioned lack of companies offering these specialized services. Our current training contract states that we will make a faithful effort to use MBE/WBE companies where possible, and we have been successful in that endeavor in that 50% of the independent contractors used on our current training contract are WBE. But please understand that due to the highly technical, specialized, and critical nature of this work, RS&A must use forensic scientists from around the United States; the certified MBE/WBE list does not contain the types of companies, services, and expertise required for the fulfillment of the proposed contract. RS&A is committed to, and will make a good faith effort toward, contracting with MBE/WBE companies from around the United States where possible. We hope that the City of Chicago will find that RS&A has been diligent in our efforts to support the compliance goals of the City of Chicago on a nationwide level, and we respectfully request to be allowed to continue in this endeavor in the same manner for our current and future proposals. Please feel free to contact me should you have any questions or desire clarification of this request.

Respectfully Submitted,

A handwritten signature in blue ink that reads "Matthew J. Marvin". The signature is written in a cursive, flowing style.

Matthew J. Marvin, CLPE, CFWE
Laboratory Director
Ron Smith and Associates, Inc.
mmarvin@ronsmithandassociates.com
601-626-1100

P.O. Box 670
Collinsville, MS 39325



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Ron Smith & Associates, Inc.

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December 2, 2024

To whom it may concern,

It is our pleasure to offer the Chicago Police Department continued mentorship of the latent print examiners as well as continued efforts toward independent laboratory accreditation, equipment that will meet laboratory accreditation requirements, and laboratory management mentorship. Below is the cost estimate for these products and services for the calendar years 2025 through 2027. Please note that RS&A does not add any amount to the costs of the equipment.

Total Projected Costs		
Description	Unit Price	Not to exceed
Mentorship program on-site in Chicago	\$127,490.58 / month	\$ 2,294,830.50
Casework overflow out of RS&A headquarters	\$150.00 / hr	\$ 117,000.00
Court testimony of RS&A examiners	\$200 / hr	\$ 150,000.00
RS&A Quality Management Services CPD accreditation	\$7,093 / month	\$ 255,350.00
RS&A increased accreditation costs <i>This is the increased cost the vendor pays ANAB for bringing the CPD latent print comparison examiners under RS&A's accreditation. The cost increases by the number of examiners, so that is why the increased cost occurs due to this contract. It is wrapped into RS&A's current accreditation fees, so CPD will reimburse RS&A for the fees rather than pay ANAB directly.</i>	Flat fee	\$ 6,100.00
ANAB Accreditation Application Fees	flat fee	\$ 57,980.00
IAI membership for CPD comparison examiners	Year 1: \$80 / examiner Year 2: \$90 / examiner	\$ 3,550.00
IAI Annual Training for CPD comparison examiners	Year 1: \$3,000 per examiner Year 2: \$3,500 per examiner	\$ 135,500.00

RS&A increased insurance costs <i>Subsequent years after year 1 compounds annually by 5%. City of Chicago insurance requirements require two years of post-contract coverage.</i>	Year 1: \$35,000.00	\$ 185,854.38
IT infrastructure	\$48,000 / year	\$ 144,000.00
Quality Management Software licenses	Flat fee	\$ 55,575.00
F+F DCS5 photography systems and Crime-Lite Autos	Flat fee	\$ 700,877.89
Firearms section equipment needs	Flat fee	\$ 187,113.51
Evidence unit evidence drying needs	Flat fee	\$ 173,140.00
Projected Total for 36-month Term		\$ 4,466,871.28

Respectfully Submitted



Matthew J. Marvin, CLPE, CFWE
Laboratory Director
Ron Smith and Associates, Inc.



Ron Smith & Associates, Inc.

Consulting Division

www.RonSmithandAssociates.com | consulting@ronsmithandassociates.com

December 2, 2024

Proposed Activity: RS&A will provide Quality Management; Latent Print Examiner training, mentorship, and casework under RS&A's international laboratory accreditation (ISO/IEC 17025 with ANAB as the accrediting body); Laboratory Management training and mentorship; and will administer and track annual latent print comparison proficiency tests, for the Chicago Police Department.

In order to fulfill the Quality Management portion of the services, Ron Smith and Associates, Inc. is the only source that is available based on the following essential criteria:

- **Public interest** – Communities are best served when forensic services are provided by an organization that can demonstrate compliance with internationally accepted standards. RS&A has been accredited to the ISO/IEC 17025 requirements since 2015 and was dually accredited to ISO/IEC 17020 from 2015–2017; therefore, RS&A knows what it takes to prepare a laboratory for accreditation and to get through the assessment process. Once accredited, the public can have confidence in the quality of work generated because accreditation requirements include the technical competency of staff, appropriateness of test methods, the suitability of test equipment, proper handling of evidence, and quality assurance of test data to ensure reliability and validity of test results.
- **Urgency** – Legislation already exists in at least eleven states requiring forensic service providers to be or become accredited using an international standard. As noted, organizations providing forensic services in the State of New York must be accredited by September 2026. It is fully expected that accreditation will eventually become mandatory for all publicly funded forensic service providers.
- **Qualifications** – Ron Smith & Associates, Inc. is the only service provider that has a highly experienced Quality Manager, Dr. Emma K. Dutton, overseeing the RS&A Quality Management Services Division (over 11 years experience as a Quality Manager in an ISO/IEC 17025 full service laboratory, 10 years experience as an ANAB instructor/instructional designer and has served as a Lead Assessor and Technical Expert on ANAB assessments). As the Director of the RS&A Quality Management Services Division, Dr. Dutton leads a team of experienced contract Quality Managers to assist laboratories and agencies seeking accreditation to achieve and maintain accreditation to either ISO/IEC 17020 or ISO/IEC 17025. The RS&A contract Quality Managers have successfully prepared and achieved accreditation for several forensic agencies to both ISO/IEC 17025 and ISO/IEC 17020. A list of references is available upon request. Additionally, RS&A partners with trained and qualified Technical Experts who have an unparalleled level of competency in their forensic discipline. These technical

professionals are trained assessors in either, or both, ISO/IEC 17020 and ISO/IEC 17025 accreditation requirements. Additionally, all our Quality Managers and Technical Experts are nationally recognized in their forensic discipline(s), and are typically certified by recognized forensic organizations (e.g., the International Association for Identification, the American Board of Criminalistics, or the American Board of Forensic Toxicology).

- Unique qualifications – In addition to offering Quality Management services, Ron Smith & Associates, Inc. provides forensic proficiency tests as an accredited proficiency test provider to ISO/IEC 17043. The scope of accreditation currently includes: latent print comparison, latent print processing (for the disciplines of crime scene investigation and friction ridge), footwear and tire track comparisons, ten print comparisons, shooting incident documentation and presumptive blood testing for crime scene investigation. This truly sets Ron Smith & Associates, Inc. apart from other quality management services organizations
- Experience – Ron Smith & Associates, Inc. is the only forensic service provider that has the range and depth of experience in their Quality Managers and Technical Experts required to guide the Forensic Laboratory Staff of the Chicago Police Department through the ISO/IEC 17025 accreditation process. RS&A, Inc. will ensure the lead quality manager assigned to the Chicago Police Department has over 20 years of experience in forensics including working directly in quality management. Additionally, each of RS&A's Technical Experts is a veteran examiner with several years of experience performing forensic casework examinations. These Technical Experts have also worked with other Quality Managers and organizations in achieving forensic accreditation.

In order to fulfill the Latent Print Examiner training, mentorship, and casework portion of the services, Ron Smith and Associates, Inc. is the only source that is available based on the following criteria which are essential to providing these services:

- A forensic vendor possessing a team of Latent Print Examiners who are board certified by the International Association for Identification. The International Association for Identification is the only professional certifying body for latent print examiners in the world.
- A forensic vendor possessing a team of board-certified Latent Print Examiners who each have a minimum of five years' experience in conducting casework, reviewing casework of other examiners, technical reviews, and verifications.
- A forensic vendor possessing a team of board-certified Latent Print Examiners who are fully informed in the development and implementation of Standard Operating Procedures to include the "best practices" recognized within the industry.
- A forensic vendor possessing a team of board-certified Latent Print Examiners who are fully informed in the various aspects of best practices under International Organization for Standardization, ISO 17020, and 17025 and who currently work in an ISO 17025 accredited laboratory.

- A forensic vendor who has an ISO/IEC 17025 accredited laboratory for examination of casework.
- A forensic vendor who can plan, implement and complete the latent print training, mentorship, and casework project within the projected timeline.
- A forensic vendor who has successfully completed similar projects of this type and scope for multiple forensic service providers.
- An ISO/IEC 17025 accredited forensic service provider that has the ability, resources, and approval from the accrediting body to have the Chicago Police Department latent print examiners casework under the accredited forensic provider's international laboratory accreditation.

In order to fulfill the proficiency testing portion of the services, Ron Smith and Associates, Inc. is the only source that is available based on the following criteria which are essential to providing these services:

- RS&A is the only ISO/IEC 17043 accredited proficiency test provider and ISO/IEC 17025 accredited forensic laboratory that offers Latent Print Comparison and Latent Print Processing Proficiency Tests for Latent Print Examiners.

In order to fulfill the laboratory management training and mentorship portion of the services, Ron Smith and Associates, Inc. is the only source that is available based on the following criteria which are essential to providing these services:

- Multiple current and former laboratory directors on staff and exclusive contract, to include on a full-time basis, who are current members in good standing with the American Society of Crime Laboratory Directors.
- An in-depth and operational knowledge of laboratory grant funding sources, to include obtaining, tracking, and managing grants.
- Experience working in forensic laboratories consisting of a mixture of law enforcement and civilian personnel.
- Experience working in small, medium, and large public laboratories at municipal, state, and federal agencies.
- Multiple fully trained ISO/IEC 17025 assessors with prior experience in both internal and external assessments of compliance to all ISO/IEC 17025 laboratory accreditation standards and the supplemental standards of the American National Standards Institute National Accreditation Board AR 3125.
- The ability to train the Chicago Police Department Laboratory Management personnel to gain a functional knowledge of all forensic disciplines for which testing is conducted by the Chicago Police Department.
- The ability to train the Chicago Police Department Laboratory Management to be effective in general laboratory leadership and management.

Ron Smith & Associates, Inc. (RS&A) is the largest privately owned provider of forensic identification training, consulting, proficiency testing, and quality management services in the United States. RS&A is currently accredited under ISO/IEC 17025 and 17043 standards. These

accreditations ensure that RS&A has been fully vetted and is qualified to provide technical training, casework, quality management, and case examinations to our wide base of clientele. Ron Smith & Associates, Inc. is the only service provider that has the level of experience and skills needed to assist the Chicago Police Department Forensic Science Laboratory in achieving its accreditation, casework, and training goals.

Ron Smith & Associates, Inc. is the only forensic consulting company in the United States which possesses all of these credentials, skill sets, and previous experience in these critically important areas. We are the only company who has been tasked with, and successfully completed, projects of this complexity in the past. RS&A is comprised of the largest group of forensic identification professionals in the country and is the only company which keeps a cadre of I.A.I. Board-Certified Latent Print Examiners on staff or exclusive contract on a full-time basis. No other company has the ability, past experience, credentials, infrastructure, and qualified personnel necessary to meet the needs of the Chicago Police Department in this endeavor.

Respectfully submitted,



Matthew J. Marvin, CLPE, CFWE
Laboratory Director
Ron Smith & Associates, Inc.
Office: 601-626-1100
Email: mmarvin@ronsmithandassociates.com

Appendix 4

Foster and Freeman Quote for DCS5 System



FOSTER+FREEMAN USA INC.
20145 ASHBROOK PLACE #100
ASHBURN, VA 20147
T: 800 445 0048
F: 888 445 0049
usa@fosterfreeman.com



Your Reference: RFQ - DCS5 EXPERT

Our Reference: C102728

Quote Reference: Q216995

Date: March 27, 2024

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Ron Smith & Associates
9335 Highway 19 North
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Attention of Matt Marvin

QUOTATION Q216995 - FOR THE SUPPLY OF:

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	<p>DCS5 EXPERT FINGERPRINT CAPTURE SYSTEM 120V (DCS5/SYS/EXP/120V)</p> <p>DCS5 STAND, SOFTWARE, COMP, MON, PRINTER AND 8X4 MOUNT (DCS5/KIT/001) Comprising: COPY STAND (NO CAMERA/8X4 MT) (DCS4/STAND)Free-standing copy stand - Transmitted light base, 430 x 350mm, fitted with four 13 watt daylight, high frequency fluorescent lamps for even illumination. - 1.2m column with weight compensation and gear rack height adjustment. NOTE: supplied without camera arm - Removable base plate with magnetic bars for holding exhibits - Dust cover - Incident lighting not included</p> <p>COPY STAND MOUNT (QCL/144X8/ASSY)- Modified Kaiser camera arm with Crime-lite 8x4 base bracket QCL/143x8, Crime-lite 8x4 mount QCL/142x8 and camera mount QCL/141x8 - Allows fully independent adjustment of camera and Crime-lite 8x4 - Suitable for Kaiser's R1 System of columns only - Suits most SLR camera and lens combinations</p> <p>DCS5 FINGERPRINT CAPTURE AND ENHANCEMENT SOFTWARE AUDIT (DCS5/MODULE)Software: Integrated software for fingerprint image capture, validation, enhancement through to final printing at 1:1 - Dedicated application specific toolboxes to simplify the enhancement of fingerprint images. Each toolbox provides enhancements specific to different types of fingerprint treatments and/or backgrounds. Additional enhancement tools are provided for advanced users</p>	1	155,157.48	155,157.48

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- Optional Photographic and Chemical Treatment Wizard is also available. Other optional software modules will be offered when available
 - Full forensic audit trail in simple language covering full history of image from image origin to image output
 - Automatic image authentication using 'VeriData iDem'
 - User defined case work management ensures all related images and support files are stored together
 - Archive management allowing backup to CDs, DVDs and network locations. Monitoring of archive status ensures archiving is up to date
 - Pre-calibrated and custom 1:1 image printing with options to print enlargements and non-standard image sizes
 - Simplified image calibration with auto image magnification with for accurate scaling
 - Customised enhancement for third level fingerprint examination, this process will highlight pore and ridge detail giving clear visibility of pore and ridge positions and shapes.
 - Image annotation allowing for the marking of characteristics in fingerprint images.
 - Simultaneous image output to multiple locations including local printers, AFIS and Minilab
 - Administrator settings control allowable user activities
 - Monitor resolution: 1920 x 1200 recommended, 1600 x 900 minimum
 - Operating system: Windows 7 64bit, and Win10.
 - Available languages: English and German (others languages can be provided at extra cost).
 - Camera control:
 - Supported camera, NIKON D5/DX810 modified for colour/UV and IR imaging
 - Full spectrum, live view, full screen viewing of all images from UV to IR (depending on lens selection)
 - Live view auto and manual tuning of camera white balance
 - Mirror Up camera mode supported
 - Capture preview images as tiff files supported from the camera interface
 - Light source support:
 - Full on-screen control of Crime-lite 8x4 (MK2 and MK4)
 - Full on-screen control of Crime-lite FLS
- NOTE: DCS5/MODULE WILL SUPPORT THE D700 CAMERA - LIVE IMAGE MODE IS NOT AVAILABLE
(The D3, D3S, D3X are also supported but have no LIVE view)

DCS5 LICENCE WIZARD

(DCS5/WIZARD) Simple to use wizard to guide users through the choices of suitable internationally recognised chemical treatments and photographic techniques for a wide variety of surface and exhibit types.

The results provide illustrated information on the suggested chemical treatments and full instruction on the photographic lighting techniques and camera settings to use for effective fingerprint photography.

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Available languages: English. Others languages can be provided at extra cost.

DCS5 COMPUTER SYSTEM

(DCS5/COMP)Computer (Minimum Specification):

i7 equivalent

16GB RAM

1 x 512Gb SSD

1 x 2TB SATA HDD

DVD RW Drive

6 x USB 2.0 or 3.0 ports rear

Network interface Integrated Gigabit (10/100/1000) via RJ45 connector

Min 512MB Graphics Adaptor (on board or Card)

Minimum display connection VGA

Multimedia Card Reader

external XQD card reader

Windows 10 64 Bit

Wired USB plus Wireless USB Optical Scroll Mouse

2TB external HDD

32" MONITOR

(DCS5/MON32)- 4K monitor with UltraColor

- 32" (viewable 31.5"/80cm)

- 4K UHD (3840 x 2160)

IMAGE PRO ANALYSER

(DCS4/IPA)Image processing software required as part of DCS 5 installation

Version 7.0.1.699 supplied on CD for compatibility with DCS 5

Licence and hasp valid for version 7.x and lower

Available languages: English

VERIDATA IDEM LICENCE

(DCS4/IDEM)VeriData iDem version 3.00 or later

Provides validation and authentication of original digital images

Available languages: English. Others languages can be provided at extra cost.

Compatible with DCS5

PHOTOGRAPHIC ACCESSORY PACK

(DCSL/075)Comprising:

Photographic Blackout Cloth (DCSL/049)

- Black rubberised fabric for reducing unwanted ambient light during photography

- Size 1.5m (60") x 1.35m (72") approx.

Air Blower (DCSL/072)

- For removing dust from lenses and camera filters

Lens Cloth (DCSL/073)

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- High quality cleaning cloth ideal for lenses, LCD screens etc.
 - Washable and supplied in a rigid plastic case
- Lens Cleaning Wipes (DCSL/074)
- Pack of disposable, lint free wipes for cleaning lenses and camera filters

FUJI ASK400 DIGITAL COLOUR PRINTER
(DCS5/PRIN/ASK400) Printing Method: Dye-Sublimation Thermal Transfer
Gradation: 256 levels (8 bit) per colour (Y, C, M)
Operation for paper exchange: Semi-Auto loading
Virtual 600dpi using high quality and matt finish mode
Dimensions (W X D X H): 10.8 x 17.6 x 6.7in. (275 x 446 x 170mm)
Weight approx.: 12kg (26.4lb)
USB interface (rear side): High-Speed USB Ver.2.0 x 1 port (Type B)
Power consumption: 2.4A (220-240VAC, 50/60Hz), 4.6A (120VAC, 50/60Hz)
EMC & Safety & Environment: EMC FCC / CE

PAPER PRINTING PACK FOR FUJI ASK400 - 800 PRINTS
(Quantity x 3.0)
(DCS5/PAPER/ASK400/46)- 2 x Paper rolls and ink ribbons for 400 prints per roll (when cut 4" x 6" (102mm x 152mm) - total 800 prints)
- print size - 4"x6" (102mm x 152mm)

NIKON D6 DIGITAL SLR CAMERA WITH P/SUPPLY AND LEADS FOR DCS5
(DCS5/KIT/002/D6)

Comprising:
NIKON D6 DIGITAL SLR CAMERA WITH ACCESSORIES (DCS5/CAM/D6)- pre configured ready for DCS 5 use
Features include:
Megapixels 20.8
Sensor Format Full Frame
Sensor type CMOS
Sensor size 35.9 mm x 23.9 mm
Max Resolution 5568 x 3712
HD Movie mode 4k possible from separate monitor if required 1080 resolution embedded in DCS5 software
- modified to transmit from UV (365nm) to IR (1,000nm)
Other items included:
- cables and power adaptor

HDMI PVR PC CAPTURE DEVICE
(DCS5/LINDYVCD)- HDMI PVR PC capture device
- seamless picture quality with USB3.0 bandwidth enabling you to capture 1080p video @ 60fps
- part number 2167977

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CAMERA BUBBLE LEVEL
(DCS5/LEVEL)Manfrotto 337 hot-shoe two axis bubble level

USB CABLE 3.0 A TO B 3M
(DCS5/LINDYUSB3)- LINDY USB3.0 A to B cable, 2M long
- part number 41612

NIKON HDMI CABLE A-C MINI
(ALM13004)
LINDY 5M USB 3.0 ACTIVE EXTENDER
(43155)
VELCRO CABLE TIE 150MM (Quantity x 10.0)
(FEC337-5986)
13MM NYLON S/ADHESIVE CABLE CLIP
(FEC116-8960)
3 X IR CAMERA FILTERS FOR DCS5
(DCS5/KIT/003)

Comprising:
IR CAMERA FILTER FOR DCS5 72MM WITH ANTI-GLARE COATING 715NM
(DCS5/IRF1)- schott RG715 long pass filter glass (1% cut-on wavelength at 693nm, nominal)
- reflective long pass dielectric filter coating deposited on to Schott glass to suppress auto-fluorescent emissions of filter glass
- maximum anti-glare performance when used with high power light sources
(note: 70mm diameter glass fitted in 72mm diameter threaded holder)
- requires step down ring 77mm to 72mm for use with DCS4/LENS/PCE85 (DCS5/SDR77-72)
- requires step up ring 62mm to 72mm for use with DCS4/LENS/AF105 or QCL273/ (QCL/212)
- requires step up ring 52mm to 72mm for use with DCS5/LENS/UVIR (DCS5/SUR52/72)

NOTE: Adaptors are supplied with the individual lenses

IR CAMERA FILTER FOR DCS5 72MM WITH ANTI-GLARE COATING 780NM
(DCS5/IRF2)- schott RG780 long pass filter glass (1% cut-on wavelength at 751nm, nominal)
- reflective long pass dielectric filter coating deposited on to Schott glass to suppress auto-fluorescent emissions of filter glass
- maximum anti-glare performance when used with high power light sources
(note: 70mm diameter glass fitted in 72mm diameter threaded holder)
- requires step down ring 77mm to 72mm for use with DCS4/LENS/PCE85 (DCS5/SDR77-72)
- requires step up ring 62mm to 72mm for use with DCS4/LENS/AF105 or QCL273 (QCL/212)

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- requires step up ring 52mm to 72mm for use with
DCS5/LENS/UVIR (DCS5/SUR52/72)

NOTE: Adaptors are supplied with the individual lenses

IR CAMERA FILTER FOR DCS5 72MM 850NM
(DCS5/IRF3)- schott RG850 long pass filter glass (1% cut-on
wavelength at 815nm, nominal)
- reflective long pass dielectric filter coating deposited on to
Schott glass to suppress auto-fluorescent emissions of filter
glass
- maximum anti-glare performance when used with high
power light sources
(note: 70mm diameter glass fitted in 72mm diameter
threaded holder)
- requires step down ring 77mm to 72mm for use with
DCS4/LENS/PCE85 (DCS5/SDR77-72)
- requires step up ring 62mm to 72mm for use with
DCS4/LENS/AF105 or QCL/273 (QCL/212)
- requires step up ring 52mm to 72mm for use with
DCS5/LENS/UVIR (DCS5/SUR52/72)

NOTE: Adaptors are supplied with the individual lenses

72MM MAGNETIC FILTER HOLDERS (Quantity x 3.0)
(DCS5/MAG72H)- Magnetic filter holder for DCS5
- Holds any lens filter with 72mm diameter thread
- Requires Magnetic Lens Adaptor

DCS5 FILTER POUCH
(DCS5/012)- camera filter pouch
- complete with belt loop, shoulder strap and protective
divider for up to 6 filters
- max filter diameter external 75mm

ALL LIGHT GUIDES, RINGLIGHTS BACKLIGHT AND CO-
AX BOX
(DCS5/KIT/004)
Comprising:
RINGLIGHT
(DCSL/024)- 4" Diameter
- Use with polariser ring DCSL/025 (supplied separately)

POLARISER FOR RINGLIGHT
(DCSL/025)- For use with 4" ring light DCSL/024
- Spare ball plungers available

SLOTTED SCREWDRIVER 2X0.3MM TIP 147MM
(DCSL/061)- 2mm blade
- Use for adjusting polarising ring DCSL/025 on 4" ring light
DCSL/024

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LONG GOOSENECK
(DCSL/021) COMBINATION TWIN ARM GOOSENECK
- 450 mm (18") gooseneck with 760 mm (30") bundle
- Use with focussing lenses and polarising caps (supplied separately)

SPOT LENS GOOSENECK (Quantity x 2.0)
(DCSL/022)
POLARISING CAP (Quantity x 2.0)
(DCSL/023)- Fits over gooseneck focussing lens

BACKLIGHT 4X5
(DCSL/026)- Also known as Light Paddle
- 100 x 125 mm (4"x5") illuminated area
- Use with Colour Adaptor DCSL/027 (see below as listed as separate item)

COLOUR ADAPTOR >>>>
(DCSL/027)- Must be used to prevent melting of light fibres when using colour filters
- Fits over protective IR filter on end of light bundle

SINGLE FLEXIBLE FIBRE BUNDLE FOR CRIME-LITE FLS LIGHT SOURCE
(QCL/CI/14)- length 960mm
- connects to QCL/CI/15
Application: used for: flexible side illumination

COAX LIGHT BOX FOR CRIME-LITE FLS LIGHT SOURCE
(QCL/CI/15)- must be used with QCL/CI/14
- field of view: 7 x 9cm, focal distance: 8cm
- dims, W: 170mm, L: 235mm, D: 70mm
Application: used for coaxial illumination

DARK FIELD RINGLIGHT
(DCS4/LTDARK)- For radial oblique lighting for 3D indented fingerprint marks, e.g. in dust, putty or hot melt glue
- NSN 6240-99-348-2238

1/16" ALLEN KEY
(RS609-685)
CLAMP SETS FOR DCS5 LIGHT GUIDES AND CRIME-LITE 82S
(DCS5/KIT/005)
Comprising:
FRICION ARM - MN244N MN244N
(DCSL/041)- Total arm length 53cm
- For use with super clamps DCSL/042 (not supplied)

FLEX ARM HEAVY DUTY 520MM MN237HD
(DCSL/043)- Total arm length 53cm

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- For use with super clamps DCSL/042 (not supplied)

MANFROTTO SUPER CLAMP (Quantity x 2.0)
(DCSL/042)- For use with variable friction arm DCSL/041 or flexible arm DCSL/043 (not supplied)

ARM
(DCSL/044)- 6mm threads

BASE
(DCSL/045)- Base for attaching up to three support arms at once (not supplied)
- For arms with M6 threads only
- Weight 3.5 lb

V CLAMP
(DCSL/048)- For general use with small variable friction articulated arm (DCSL/044) for holding light attachments or clamping to bench
- Allows simple support and positioning
- M6 threaded holes

COMBINATION SPANNER 7MM
(rs495-3661)- Combination spanner to secure arm to base

FLS LIGHT SOURCE 400-1000nm
(DCS5/KIT/007)
Comprising:
CRIME-LITE FLS LIGHT SOURCE 400-1000nm
(QCL/CI/12)- Visible/infrared, continuous narrow band illumination 100W halogen lamp filtered by a continuous interference band pass filter from 400 to 1000nm, operated in steps with minimum 1nm providing 600 wavebands with an average band pass width of 40nm
- weight: 2.6Kg
- dims, width: 445mm, depth: 130mm, height: 145mm (including the handles)
- voltage supply: 12V, 10A
NOTE: FROM 20/09/2017 two spare lamps are included

ADAPTOR TO CONNECT DCS5 LIGHT GUIDES TO THE FLS (Quantity x 5.0)
(DCS5/FLSADAP)- FF-223-153-01
- adaptor complete with M3 x 6H GRUB SCREWS x 2
- enables DCS5 light guides to be connected to the FLS

HEXAGONAL 1.5MM TIP SCREW DRIVER
(DCS5/HEXSCREW)- hexagonal 1.5 mm Tip Screwdriver
- RS 243-910

LENS 100MM MACRO LENS AND VISIBLE PASS FILTER
(DCS5/KIT/008)

Comprising:

ZEISS PLANAR T 2.0/100 ZF 2 MACRO MILVUS
(DCS/LENS/ZEISSPLANART)/VISIBLE PASS FILTER DCS5
(DCS5/PF2)- visible colour balanceing filter for DCS5
62mm 400-700nm
- to be used with DCS4/LENS/AF105 or QCL/273
(note: 60mm diameter glass fitted in 62mm diameter
threaded holder)

STEP UP RING 62MM-72MM (Quantity x 3.0)
(QCL/212)- enables 72mm Crime-lite camera filters to fit
62mm diameter lens

62MM MAGNETICS LENS ADAPTOR
(DCS5/MAG62A)- Magnetic lens adapter for DCS5
- Mounts to any lens with 62mm diameter thread
- Requires Magnetic Filter Holder

62MM MAGNETIC FILTER HOLDERS (Quantity x 2.0)
(DCS5/MAG62H)- Magnetic filter holder for DCS5
- Holds any lens filter with 62mm diameter thread
- Requires Magnetic Lens Adaptor

72MM MAGNETIC LENS ADAPTOR
(DCS5/MAG72A)- Magnetic lens adapter for DCS5
- Mounts to any lens with 72mm diameter thread
- Requires Magnetic Filter Holder

MAGNETIC CIRCULAR POLARISING FILTER 62MM
(DCS5/MCPF2)

STEP DOWN RING 67MM-62MM
(QCL/170)

62MM SNAP ON LENS CAP
(SRBCAP62)

DCS5 VIS/IR TILT AND SHIFT LENS WITH FILTER AND
ADAPTOR

(DCS5/KIT/009)

Comprising:

NIKKOR LENS 85mm PC-E F2.8D TELEPHOTO MANUAL
FOCUS

(DCS4/LENS/PCE85)For visible and IR applications
Particularly useful for the imaging of fingerprints on curved
surfaces where it can be used to control perspective and
depth of field to increase the area of focus.

This lens can be used as a general purpose macro lens. It
can be used for flat, curved and angled surfaces such as
bottles, plastics etc. It can also be used for specular lighting,
giving distortion free images on surfaces such as mirrors,
shiny cardboard, glass, tin cans etc. Wide F stops will give a
very good depth of field. Uses include visible and
fluorescence photography.

- 85mm f2.8D telephoto NIKKOR manual focus lens with tilt
& shift for perspective Control (PC-E)

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- depth of field control for angled and curved surfaces
- requires extension rings - see DCS4/TUBES
- filter thread size 77mm

CAMERA FILTER STEP DOWN RING 77MM-72MM
(Quantity x 3.0)
(DCS5/SDR77-72)- enables 72mm filter to fit 77mm diameter lens
(for use with DCS4/LENS/PCE85)

VISIBLE PASS FILTER FOR DCS5 77MM 400-700NM
(DCS5/VPF1)- visible colour balancing filter for DCS5 77mm 400-700nm
- to be used with DCS4/LENS/PCE85
(note: 75mm diameter glass fitted in 77mm diameter threaded holder)

77MM LENS ADAPTOR
(DCS5/MAG77A)- Magnetic lens adapter for DCS5
- Mounts to any lens with 77mm diameter thread
- Requires Magnetic Filter Holder

77MM FILTER HOLDERS (Quantity x 2.0)
(DCS5/MAG77H)- Magnetic filter holder for DCS5
- Holds any lens filter with 77mm diameter thread
- Requires Magnetic Lens Adaptor

72MM MAGNETIC LENS ADAPTOR
(DCS5/MAG72A)- Magnetic lens adapter for DCS5
- Mounts to any lens with 72mm diameter thread
- Requires Magnetic Filter Holder

MAGNETIC CIRCULAR POLARISING FILTER 77MM
(DCS5/MCPF1)
DCS5 UV IMAGING LENS UV LIGHTING AND FILTERING
(DCS5/KIT/010)

Comprising:
QUARTZ 60MM APO MACRO LENS
(DCS5/LENS/UVIR) Suitable for all UV, Visible and Infrared applications

R-UV: latent and cyanoacrylate fumed fingerprints on all smooth non-porous surfaces including glossy magazines, plastics and glass. Particularly useful for imaging prints on transparent glass and Perspex.

This lens allows reflective ultra violet imaging @365nm. It will turn many glass surfaces black, remove background interference and improve visibility of superglue images on a multitude of difficult surfaces. It also enables imaging with Infra Red light. This will remove backgrounds on many difficult surfaces and allow visibility of previously invisible blood stains.

It can be used for general macro photography and all visible and fluorescence photography.

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- Coastal optics UV-VIS-IR 60mm APO macro
- 60MM F/4 high performance macro lens with focus correction for UV-IR (310-1100NM)
- precision manual focus
- filter thread size 52mm

UV CAMERA FILTER DCS5

(DCS5/UVF1)- UV camera filter for DCS5 48mm – 330-385mm (DCS5/UVF1)

- high quality dielectric coated filter on UG-11 glass substrate
- 80% peak transmission
- UV transmission from 300-400nm 50% transmission points @ 330nm & 385nm
- UV TRANSMISSION FROM 300-400NM, 50% TRANSMISSION POINTS AT 330NM AND 385NM
- including stepdown adaptor 52mm to 48mm

VISIBLE PASS FILTER

(DCS5/VPF3)- visible colour balancing filter for DCS5 52mm 400-700nm

- to be used with DCS5/LENS/UVIR
- (note: 50mm diameter glass fitted in 52mm diameter threaded holder)

52-72MM STEP UP RING 3MM DEEP (Quantity x 3.0)

(DCS5/SUR52-72)- enables 72mm filter to fit 52mm diameter lens
(for use with DCS5/LENS/UVIR)

52MM LENS ADAPTOR

(DCS5/MAG52A)- Magnetic lens adapter for DCS5

- Mounts to any lens with 52mm diameter thread
- Requires Magnetic Filter Holder

52MM FILTER HOLDERS (Quantity x 3.0)

(DCS5/MAG52H)- Magnetic filter holder for DCS5

- Holds any lens filter with 52mm diameter thread
- Requires Magnetic Lens Adaptor

72MM MAGNETIC LENS ADAPTOR

(DCS5/MAG72A)- Magnetic lens adapter for DCS5

- Mounts to any lens with 72mm diameter thread
- Requires Magnetic Filter Holder

MAGNETIC CIRCULAR POLARISING FILTER 52MM

(DCS5/MCPF3)

CL MAINS ADAPTOR FOR 80,82,42 AND 8X4

(QCL/80)- input voltage: 90-264V AC

- output voltage: 24V DC
- maximum power output: 80W
- dimensions: 168 x 78 x 45mm
- weight: 750g

**CRIME-LITE 82S PRO UV AND GOGGLE
(QCL/82SPRO/UV)- 16 x HIGH EFFICIENCY SURFACE
MOUNT LEDs**

- arranged in 4 clusters of 4 LEDs
 - 10% band width 350-380nm (nominal)
 - peak at 365nm
 - dimmable homogenous light beam
 - Three intensity settings (low, medium, high)
 - dual UV emission warning LEDs and key switch
 - weight: 560g
 - handle dia 43mm, head 53mm x 65mm, overall length 210mm
 - forced air cooling with built in thermal protection
 - designed for use with 18V Lithium Ion batteries (offered separately)
 - battery run time typically 60 minutes (High power), 600 (Low power) (optional AC mains adaptor available for continuous running)
 - compatible with Crime-lite 80 series 24v NiMH batteries (offered separately)
 - flat battery indicator LED
 - information sheet and wavelength output certificate
 - classified to European safety standard EN62471:2008
- Includes 1 x UV protective glasses (QCL2/014)
- fits over glasses
 - 100% UV protection, 1% transmission point @ 406nm
 - classified to EN207
 - optical density of 5.0 (DL5) from 315-398nm

Note: When used with 5Ah battery (QCL82/008B) run time will be increased to 160 minutes

**EXTENSION TUBE SET
(DCS5/KIT/011)**

Comprising:
KENKO DG NIKON AF EX'ION TUBE SET
(DCS4/TUBES)Comprising:
EXTENSION TUBE SET (DCS4/TUBES)
Kenko DG AF Nikon fit tubes
Tube lengths 12mm, 20mm and 36mm

**CRIME-LITE 8X4 MK2 WHITE LIGHT AND VIS
FLUORESCENCE INC
(DCS5/KIT/012)**

Comprising:
8X4 RINGLIGHT HEAD VERSION 2
(QCL/231X8)Crime-lite 8x4 fitted with 32 high efficiency surface mount LEDs, configured in a ring light for even illumination of up to 98 colour combinations comprising:
- 4 x white LED 400-700nm, 10 intensity and 10 colour temperature settings

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- 4 x UV LED peak at 365nm, 10% intensity bandwidth of 350-380nm.
- 4 x violet LED peak at 410nm, 10% intensity bandwidth of 395-425nm.
- 4 x blue LED peak at 445nm, 10% intensity bandwidth of 420-470nm.
- 4 x blue/green LED peak at 475nm, 10% intensity bandwidth of 445-510nm.
- 4 x green LED peak at 520nm, 10% intensity bandwidth of 480-560nm.
- 4 x orange LED peak at 590nm, 10% intensity bandwidth of 570-610nm.
- 4 x red LED peak at 640nm, 10% intensity bandwidth of 600-660nm.

Features include:

- 2 detachable handles to simplify removal of light from copy stand mount
- Optimum working distance 150mm.
- Illumination area at 150mm, 140mm diameter.
- Maximum lens diameter to fit inside ring, 85mm.
- 2 segment digital display.
- 24V DC input
- Classified to EN62471
- Software and USB cable included to enable optional control of Crime-lite 8x4Mk2 from a Windows PC
- ADDED APRIL 2017
- camera synchronisation port and lead for Phosphorescence imaging (for use with Phosphorescent fingerprint powders), requires DCS 5 software and Nikon D810/D5 camera

CL MAINS ADAPTOR FOR 80,82,42 AND 8X4

- (QCL/80)- input voltage: 90-264V AC
- output voltage: 24V DC
- maximum power output: 80W
- dimensions: 168 x 78 x 45mm
- weight: 750g

8X4 RINGLIGHT BELLOWS

- (QCL/127X8)- large bellows to enable safe examination of objects
- maximum coverage area - 290 x 225mm, maximum extension - 210mm

8X4 INSPECTION FILTER SET

- (QCL/232X8/SET)- Suitable for visual inspection and photography
- Fluorescence viewing filters - 70mm diameter long pass filter glass fitted into slide mount for Crime-lite 8x4. Anti-glare filters have an additional reflective long pass coating to suppress auto-fluorescent emissions of the filter glass for maximum optical performance when used with high power light sources

GG420 (1% cut-on 408nm), anti-glare (QCL/230x8)

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GG455 (1% cut-on 435nm), anti-glare (QCL/181x8)
GG495 (1% cut-on 476nm), anti-glare (QCL/182x8)
OG515 (1% cut-on 495nm), anti-glare (QCL/183x8)
OG530 (1% cut-on 510nm), anti-glare (QCL/184x8)
OG550 (1% cut-on 529nm), anti-glare (QCL/185x8)
OG570 (1% cut-on 549nm), anti-glare (QCL/186x8)
OG590 (1% cut-on 571nm), anti-glare (QCL/187x8)
RG610 (1% cut-on 593nm), anti-glare (QCL/188x8)
RG630 (1% cut-on 613nm), anti-glare (QCL/189x8)
RG645 (1% cut-on 624nm), anti-glare (QCL/207x8)
- Cross polarising filter - 110mm diameter adjustable
analyser, 70mm fixed analyser (QCL/139x8)

STORAGE CASE FOR SLOT IN FILTERS (QCL/287)

- holds up to 12 x Crime-lite 8x4 filters
- foam inserts

**DCS5 CRIME-LITE 8X4 MK4 FOR IR POWDERS NAT
1AND2 INC VIEW FILT**

(DCS5/KIT/013)

Comprising:

CRIME-LITE 8X4 MK4

(QCL/284X8)Crime-lite 8x4 fitted with 32 high efficiency
surface mount LEDs, configured in a ring light for even
illumination comprising:

- 8 x IR LED 730-800nm.
- 8 x blue LED peak at 445nm, 10% intensity bandwidth of
420-470nm.
- 16 x red LED peak at 640nm, 10% intensity bandwidth of
600-660nm.

Features include:

- 2 detachable handles to simplify removal of light from copy
stand mount
- Optimum working distance 150mm.
- Illumination area at 150mm, 140mm diameter.
- Maximum lens diameter to fit inside ring, 85mm.
- 24V DC input
- Classified to EN62471
- Software and USB cable included to enable optional control
of Crime-lite 8x4Mk2 from a Windows PC

**fpNATURAL 1 IR FINGERPRINT FINGERPRINT POWDER
20G POT (Quantity x 5.0)**

- (QCL/257)- 20g pot of IR fingerprint powder
- homogenised mixture to optimised particle size
 - MSDS materials data safety sheet
 - application guide and imaging instructions
 - Malvern particle size analysis report

**fpNATURAL 2 IR FINGER PRINT POWDER 20G POT
(Quantity x 5.0)**

Your Reference: RFQ - DCS5 EXPERT

Our Reference: C102728

Quote Reference: Q216995

Date: March 27, 2024

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- (QCL/280)- 20g pot of fpNatural 2 IR (NIR-NIR) fingerprint powder
- IR fluorescent fingerprint powder with intense fluorescence achievable under white, red or NIR illumination and appropriate camera filtering.
 - Homogenised mixture to optimised particle size
 - MSDS materials data safety sheet
 - Application guide and imaging instructions
 - Malvern particle size analysis report.

RING LIGHT SET MK4

(QCL/305X8/SET)

LINE LIGHT ATTACHMENT FOR TUNGSTEN HALOGEN LIGHT OR FLS

(DCS5/KIT/014)

Comprising:

LIGHT LINE 12

(DCS4/LTLINE)ADAPTOR TO CONNECT DCS5 LIGHT GUIDES TO THE FLS

(DCS5/FLSADAP)- FF-223-153-01

- adaptor complete with M3 x 6H GRUB SCREWS x 2
- enables DCS5 light guides to be connected to the FLS

HALOGEN FIBRE OPTIC LIGHT SOURCE BOX AND COLOUR FILTERS

(DCS5/KIT/006-120V)

Comprising:

PHILIPS EKE 21V 150W BULB (Quantity x 2.0)

(DCSL/002)21V, 150W

250 hours rated life dependant on operating conditions.

NSN 6240-99-667-7669

FILTER CYAN BLUE

(DCSL/003)

FILTER-GREEN

(DCSL/004)

FILTER YELLOW

(DCSL/005)

FILTER- RED

(DCSL/006)

FILTER DAYLIGHT

(DCSL/007)

FOSTEC LIGHTSOURCE 115V >>>>

(DCSL/001/115)- 150W halogen lamp controlled by solid state variable dimmer control (zero to full intensity)

- 115V

For safe operation this product must be connected to a mains socket outlet with a protective earth contact. Do NOT connect this product to an incompatible mains supply.

WURTH 742 711 12 6MM FERRITE

(74271112)

PRO ORGANISER CASE DCS4 TOOLBOX
(DCSL060)- Up to 17 compartments using removable dividers
- Size 395 x 305 x 60mm

2	CYLINDRICAL SURFACE UN-WRAPPER CSU-2, MOUNT & UPL (DCS5/KIT/015)	1	10,171.61	10,171.61
---	---	---	-----------	-----------

CYLINDRICAL SURFACE UN-WRAPPER MK2 (CSU-2)For generating a 2D image from a 3D cylindrical surface.
Examples of items are bullets, bullets casings and cartridges, pens/pencils, small screw/torx drivers, syringes etc.
Max. Dimensions (mm): 85 x 330 x 110 (W x L x H)
- internal and external clamping jaws with locking.
- clamping diameter Range: min Ø15- Ø55mm internal diameter, max Ø45mm external diameter
- reversible tailstock alignment guide
- max length of object as standard: 250mm
- 12V Power input
- Power output for Polarised Light Tunnel (DCS5/UPL (available seperately))
- USB-3 Interface
- includes Electronic Digital Vernier Caliper, with Extra-Large LCD Screen and 150mm 0-6" Inch/Metric/Fraction Conversion, Stainless Steel
Compatible with Crime-lite Imager and DCS-5
NOTE: THIS GUIDE IS NOW REMOVABLE FOR HOLDING OBJECTS LONGER THAN 250mm IF REQUIRED but this does not increase the 250mm viewing distance between the 2 clamping points

CSU MOUNTING PLATE AND SLIDE (CSU-2/MOUNT)For use with Cylindrical Surface Unwrapper (CSU-2) and Polarised Light Tunnel (DCS5/UPL)
For the correct alignment of evidence to be imaged and unwrapped using the CSU-2
Width: 400mm
Depth 280mm
Height (exc CSU & Handles): 20mm (inc Handles): 40mm
Weight: 2.5kg

UNIFORM POLARISED LED LIGHT TUNNEL (DCS5/UPL)For use with CSU product.
- unit provides uniform polarised led lighting to enhance the capture of prints on cylindrical objects
- 8x White LEDs (5000K)
- 8x IR LEDs (850nm)
- works with LFT treated prints and CA fumed prints
- works on shiny surfaces when used with a cross polariser on the camera

Your Reference: RFQ - DCS5 EXPERT

Our Reference: C102728

Quote Reference: Q216995

Date: March 27, 2024

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- Dimensions: Length: 220mm Width: 130mm Height: 142mm Weight: 1.35kg

3	PRODUCT TRAINING 6-day site visit by Foster & Freeman Applications Specialists. Includes unpacking and setup of equipment, followed by comprehensive operator training and optional testing. Training will cover both theory and practical Applications, using realistic samples and scenarios. Equipment safety and maintenance will also be covered. Training and testing certificates provided. Costs are based on two visits and includes associated expenses for the Application Specialist.	1	13,100.00	13,100.00
4	SHIPPING AND HANDLING	1	1,000.00	1,000.00

Your Reference: RFQ - DCS5 EXPERT

Our Reference: C102728

Quote Reference: Q216995

Date: March 27, 2024

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TOTAL PRICE	USD	<u>179,429.09</u>
TOTAL TAX	USD	0.00
TOTAL VALUE	USD	<u>179,429.09</u>

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 and local delivery, but excludes local sales tax.

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:

12 months from date of installation.

VALIDITY UNTIL:

June 27, 2024

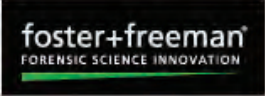
SIGNED:

Alexis Dodson

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

Appendix 5

Foster + Freeman Quote for Blue and Green Lasers



FOSTER+FREEMAN USA, INC.
20145 ASHBROOK PLACE #190
ASHBURN, VA 20147
T: 888.445.5048
F: 888.445.5049
usa@office@fosterfreeman.com

Federal Tax ID No. 95-2316854
GST/HST No. R15096300 RT0001

Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

Page 1 of 6

Ron Smith & Associates
9335 Highway 19 North
Collinsville
MS 39325
USA

Attention of Matt Marvin

QUOTATION Q216996 - FOR THE SUPPLY OF:

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	<p>CRIME-LITE LASER - BLUE AND GREEN LASER KIT 120V (NON SP) (QCL/LASER/BLUE-GREENKIT120V)</p> <p>CRIME-LITE LASER - BLUE (QCL/LASER/BLUE)- 447nm Blue forensic LASER light source</p> <ul style="list-style-type: none"> - ~12 Watts optical power. - Provides high-intensity, shadow-free illumination - Triple-interlocked safety features - Advanced functionality via LCD interface <p>HARDWARE FEATURES</p> <ul style="list-style-type: none"> - Powerful LASER diode array - Ergonomically balanced design - Weight (excluding battery) ~800g (approx.) - Supplied with wrist lanyard and protective end cap <p>LASER SAFETY FEATURES</p> <ul style="list-style-type: none"> - CLASS 3B LASER product* - Conforms to EN62471 and EN61010-1:2010 standards - Operated via dead man's trigger interlocked safety switch - Pass code activation - Ergonomic beam shutter - Emission indicator LEDs - Interlock bypass plugs - Supplied with safety interlock jack for lab integration <p>INTERFACE</p> <ul style="list-style-type: none"> - Integrated 1.3" LCD display - Easy to use, push-button operation - Adjustable LASER intensity - Light source 'Self-Test' function - Dark adaptation checker - Battery charge status indicator 	1	32,223.96	32,223.96

Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

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Patent Pending. United Kingdom Patent Application No. 2105301.2

*Always ensure that appropriate safety measures are in place before operating a CLASS 3B LASER product
Operators of CLASS 3B LASER products should receive laser safety training.

An appointed Laser Safety Officer (LSO) and written Standard Operating Procedures (SOP) should be required for class 3B laser operation.

Regional rules and restrictions may vary. Please check local LASER usage guidelines before operating a CLASS 3B LASER product.

CRIME-LITE LASER - GREEN

(QCL/LASER/GREEN)- 520nm Green forensic LASER light source

- ~4 Watts optical power.
- Provides high-intensity, shadow-free illumination
- Triple-interlocked safety features
- Advanced functionality via LCD interface

HARDWARE FEATURES

- Powerful LASER diode array
- Ergonomically balanced design
- Weight (excluding battery) ~800g (approx.)
- Supplied with wrist lanyard and protective end cap

LASER SAFETY FEATURES

- CLASS 3B LASER product*
- Conforms to EN62471 and EN61010-1:2010 standards
- Operated via dead man's trigger interlocked safety switch
- Pass code activation
- Ergonomic beam shutter
- Emission indicator LEDs
- Interlock bypass plugs
- Supplied with safety interlock jack for laboratory integration

INTERFACE

- Integrated 1.3" LCD display
- Easy to use, push-button operation
- Adjustable LASER intensity
- Light source 'Self-Test' function
- Dark adaptation checker
- Battery charge status indicator

Patent Pending. United Kingdom Patent Application No. 2105301.2

*Always ensure that appropriate safety measures are in place before operating a CLASS 3B LASER product

Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

Page 3 of 6

Operators of CLASS 3B LASER products should receive laser safety training.

An appointed Laser Safety Officer (LSO) and written Standard Operating Procedures (SOP) should be required for class 3B laser operation.

Regional rules and restrictions may vary. Please check local LASER usage guidelines before operating a CLASS 3B LASER product.

CRIME-LITE LASER RECHARGEABLE BATTERY
(Quantity x 3.0)

(QCL/LASER/ACC/1)- 18V 5Ah Lithium Ion battery.

- High capacity
- Individual cell monitoring
- Battery protection circuit
- Battery fuel gauge (4-stage LEDs)

CRIME-LITE LASER MAINS POWER SUPPLY

(QCL/LASER/ACC/6)- Operate the Crime-Lite LASER via AC mains power

CRIME-LITE PRO VISION LASER GOGGLE BLUE - GG495

(QCL/LASER/GG495)- EN207 classified laser goggle for use with Crime-lite Laser Blue, optimised for fluorescence viewing

- maximum anti-glare performance when used with laser light sources
- ergonomic fit to exclude ambient light and optimise fluorescence viewing
- EN207 437-460 D LB4
- Protective hard case included

CRIME-LITE PRO VISION LASER GOGGLE GREEN - OG570

(QCL/LASER/OG570)- EN207 classified laser safety goggles for use with Crime-lite Laser Green, optimized for fluorescent light viewing

- maximum anti-glare performance when using laser light sources
- ergonomic fit to exclude ambient light and optimize fluorescence viewing
- EN207 515-532 D LB45
- Protective hard case included

CRIME-LITE LASER BLUE - OVER SPECTACLE

(QCL/LASER/ACC/11)- EN207 classified polymer laser spectacle for use with Crime-Lite Laser Blue

- ergonomic fit designed to go over spectacles
- EN207 315-460 D LB45
- Supplied in a microfibre bag

Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

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CRIME-LITE LASER GREEN - OVER SPECTACLE
(QCL/LASER/ACC/12)- EN207 classified polymer laser spectacle for use with Crime-Lite Laser Green
- ergonomic fit designed to go over spectacles
- EN207 315-532 D LB6
- Supplied in a microfibre bag

A/G CAMERA FILTER GG495 62MM
(QCL/153)- Schott GG495 long pass filter glass (1% cut-on wavelength at 476nm, nominal)
- reflective long pass coating to suppress auto-fluorescent emissions of filter glass
- maximum anti-glare and optical performance when used with high power light sources
(note: 60mm diameter glass fitted in 62mm diameter threaded holder)

A/G CAMERA FILTER OG570 62MM
(QCL/155)- Schott OG570 long pass filter glass (1% cut-on wavelength at 549nm, nominal)
- reflective long pass coating to suppress auto-fluorescent emissions of filter glass
- maximum anti-glare and optical performance when used with high power light sources
(note: 60mm diameter glass fitted in 62mm diameter threaded holder)

CRIME-LITE LASER CASE - DUAL
(QCL/LASER/CASE/2)- machined foam cut-outs to accommodate 2 x Crime-lite LASER plus batteries and accessories
- rugged, waterproof and shock resistant

CRIME-LITE LASER BATTERY CHARGER 120V
(QCL/LASER/ACC/2/120V)- Rapid charging of Crime-Lite LASER Li-Ion batteries
- Charge status display

CRIME-LITE LASER SELF-TEST CAP
(QCL/LASER/ACC/10)- Self-test end cap for Crime-Lite Laser

CRIME-LITE LASER FIRMWARE CABLE
(QCL/LASER/ACC/14)- Firmware update cable
- USB2.0 A to C

LASER CONTROLLED AREA SIGN (Quantity x 2.0)
(269-163-AW-00)

CRIME-LITE DARK ADAPTATION GOGGLES 190-593NM
(QCL/266)Red forensic dark adaptation glasses (suitable for use with QCL/264)

Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

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- allows user to retain useable vision whilst still dark adapting the eye prior to fluorescent examinations
- light weight, universal over-glasses fit polycarbonate glasses with adjustable temples, soft touch frame and filtered side-shields for wide field of view
- blocks wavelengths 190-593nm to allow eyes to dark adapt, whilst maintaining vision at red wavelengths
- CE certified to EN207
- allows user the ability to remain dark adapted for interrupted periods of time spent outside of a darkened environment

CRIME-LITE LASER TRIGGER LOCK (269-400-AS-00)
(Quantity x 2.0)
(QCL/LASER/ACC/18)

CRIME-LITE LASER TRIPOD ADAPTOR (269-388-AS-00)
(QCL/LASER/ACC/19)

2	PRODUCT TRAINING 1-day site visit by Foster & Freeman Applications Specialists. Includes unpacking and setup of equipment, followed by comprehensive operator training and optional testing. Training will cover both theory and practical Applications, using realistic samples and scenarios. Equipment safety and maintenance will also be covered. Training and testing certificates provided. Costs are based on a single visit and includes associated expenses for the Application Specialist.	1	2,050.00	2,050.00
3	SHIPPING AND HANDLING	1	325.00	325.00

FOSTER+FREEMAN USA, INC.
20145 ASHBROOK PLACE #130
ASHBURN, VA 20147
T: 888 445 5048
F: 855 445 5049
usoffice@fosterfreeman.com

Federal Tax ID No. 56-2316854
GST/HST No. R1939 6300 RT0001

www.fosterfreeman.com

Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

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TOTAL PRICE	USD	<u>34,598.96</u>
TOTAL TAX	USD	0.00
TOTAL VALUE	USD	<u>34,598.96</u>

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 and local delivery, but excludes local sales tax.

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:

12 months from date of installation

VALIDITY UNTIL:

June 27, 2024

SIGNED:

Alexis Dodson

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

Appendix 6

Foster + Freeman Quote for Crime-Lite Auto



foster+freeman
FORENSIC SCIENCE INNOVATION

FOSTER-FREEMAN USA, INC.
23145 ASHBROOK PLACE #190
ASHBURN, VA 20147
T: 800 445 5048
F: 866 445 5049
usa@office@fosterfreeman.com

Federal Tax ID No. 56-2316854
GST/HST No. 81339 6300 RT0001
www.fosterfreeman.com

Your Reference: RFQ - CL AUTO KIT
Our Reference: C102728
Quote Reference: Q216997
Date: March 27, 2024

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Ron Smith & Associates
9335 Highway 19 North
Collinsville
MS 39325
USA

Attention of Matt Marvin

QUOTATION Q216997 - FOR THE SUPPLY OF:

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	CRIME-LITE AUTO KIT WITH OBLIQUE AND COAX 120V (QCL/AUTO/KIT/SOC120V)	1	42,815.08	42,815.08

CRIME-LITE AUTO KIT 120V CHARGER (QCL/AUTO/KIT120V)
Comprising:
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: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

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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

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 UHS-I CLASS 10

SYSTEM INTERFACE

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

OPERATING FEATURES

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

Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

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- 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

PRODUCT VERIFICATION LIBRARY (PVL) 1 YEAR SUBSCRIPTION

- One-year free subscription to the foster+freeman Product Verification Library (PVL)
- Two-factor authentication for enhanced security
- Compatible with past and previous version of Chrome, Firefox, Edge, Internet Explorer, and Safari
- Over 18,000 high resolution images of body fluid stains on representative fabric types
- Over 300 high resolution sample overview (entirety) images
- 16 different garment types utilised
- 10 different garment colours of each garment type represented
- 6 different body fluids deposited (blood, saliva, semen, sweat, urine, vaginal material)
- Unique icon driven interface
- All samples and datasets compiled using Human Tissue Authority (HTA) approved body fluids
- All images captured utilising the CL-AUTO
- Multi-spectral examination of all samples recorded (UVA-NIR)
- Results analysed by forensically trained personnel to distinguish stains 'of value'
- Basic image processing utilised to represent casework workflow (greyscale and invert)
- Product Verification Library access via unique login (one user login per Crime-lite AUTO device)
- Dataset(s) can be scrutinised via simple user interface
- Results from the dataset(s) facilitate substantiated decision making at the crime scene and the laboratory
- Product Verification Library enables use of the Crime-lite AUTO to be verified by science
- Quantitative conclusions from the Ground Truth Data allow the generation of pre-sets that are scientifically valid
- Product Verification Library generated pre-sets are integrated within the Crime-lite AUTO

Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

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- Pre-sets enable the simple, efficient, and effective use of Crime-lite AUTO for the search, detection, and imaging of bodily fluids at the crime scene and in the laboratory.

LED Safety: Crime-lite AUTO is provisionally classified to European safety standard risk group 2 (IEC/EN 62471:2008)

CRIME-LITE AUTO RECHARGEABLE 2Ah BATTERY

(Quantity x 2.0)

(QCL/AUTO/ACC/1)

- 10.8 V 2Ah Lithium Ion battery
- High capacity
- Individual cell monitoring
- Battery protection circuit
- Battery fuel gauge (4-stage LEDs)

CRIME-LITE AUTO RECHARGEABLE 4Ah BATTERY

(QCL/AUTO/ACC/2)

- 10.8 V 4Ah Lithium Ion battery
- High capacity
- Individual cell monitoring
- Battery protection circuit
- Battery fuel gauge (4-stage LEDs)

CRIME-LITE AUTO CARRY CASE

(QCL/AUTO/ACC/4)

- machined foam cut-outs to accommodate Crime-lite AUTO plus batteries and accessories
- rugged, waterproof and shock resistant
- dimensions 430X260X235mm
- weight 2.7kg

CRIME-LITE AUTO SHOULDER/NECK STRAP 257-187-00

(QCL/AUTO/ACC/5)

- Adjustable shoulder/neck strap

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 BATTERY CHARGER

(QCL/AUTO/ACC/3/120V)

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

Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

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L-SHAPE FORENSIC SCALE RULE (ASSY DWG 035-106-AS-01)
(DCS/RULE)- L Shaped Forensic Rule

PELI CASE ADDRESS LABEL

(035-102-AW-02)

CRIME-LITE AUTO OBLIQUE LIGHTING RING ACCESSORY

(QCL/AUTO/ACC/9)- Oblique ring light accessory for use with CRIME-LITE AUTO

- 5700K White OR UV 365nm (Selectable – one at a time)
- 12 LEDs per wavelength
- Intensity control
- Lighting direction control – Quadrant selection
- Quadrant, wavelength and brightness controls appear on CRIME-LITE AUTO screen when connected.

CRIME-LITE AUTO COAX LIGHTING ACCESSORY

(QCL/AUTO/ACC/10)- Clip-on accessory module for Crime-lite Auto

- 5700K diffuse white coaxial light
- On-screen 'on-axis' and 'off-axis' illumination mode control (0-9)
- On-screen illumination intensity control
- On-screen focus adjustment
- Powered via USB connection to Crime-lite AUTO

INTERACTIVE EVIDENCE SAMPLE KIT

(QCL/AUTO/INT-SAMPLES) 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)

- 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)

Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

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- 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)

- 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)

Page 7 of 9

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

2	PRODUCT TRAINING	1	2,050.00	2,050.00
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Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

Page 8 of 9

1-day site visit by Foster & Freeman Applications Specialists. Includes unpacking and setup of equipment, followed by comprehensive operator training and optional testing. Training will cover both theory and practical Applications, using realistic samples and scenarios. Equipment safety and maintenance will also be covered. Training and testing certificates provided. Costs are based on a single visit and includes associated expenses for the Application Specialist.

3	SHIPPING AND HANDLING	1	250.00	250.00
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Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

TOTAL PRICE	USD	<u>45,115.08</u>
TOTAL TAX	USD	0.00
TOTAL VALUE	USD	<u>45,115.08</u>

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 and local delivery, but excludes local sales tax.

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:

24 months from date of installation.

VALIDITY UNTIL:

June 27, 2024

SIGNED:

Alexis Dodson

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

Appendix 1

Thomas Scientific, formerly NCI
7125 Northland Terrace N, Suite 100
Brooklyn Park, MN 55428
orders@ncimicro.com



Quote #: QU-0866697-B
Date 9/10/2024
Valid Until 3/29/2025

QUOTATION

RS&A

Sales Contact

Clayton Bishop
Phone: 312-415-4999
clayton.bishop@thomassci.com

Matt Marvin
mmarvin@ronsmithandassociates.com
601-917-3315

Ivesta 3

Small Form Microscope for Casing Examination

[See Online](#)

Ivesta 3 Stereomicroscope

- Features & Benefits:
- 9:1 zoom with magnification 6.1x-55x (10x eyepieces, no supplementary lens) – provides field of view up to 37.6mm for fast, accurate inspection
- 12mm Depth of Field with Fusion Optics; Greenough optical design - provides very flat (plan) field of view and large depth of field
- Complete apochromatic corrected microscopy system - 35° angle eye tubes - for comfort and convenience
- 122 mm standard working distance (without lens shield) – ensures excellent accessibility to the samples
- Resolution up to 250 lp/mm (without supplementary lens, 10x eyepieces), maximum resolution up to 500 lp/mm (2x supplementary lens, 10x eyepieces)
- Clickstops at 10x, 20x, 30x, 40x and 50x – inspection at specific magnification can be easily repeated
- Antimicrobial PC/ABS housing with AgTreat™
- Large range of supplementary lenses as well eyepieces - adapt the optical performance to the application requirements

Please note, no eyepieces included. Our recommendation is: 10447137 Eyepiece 10x/23B, adj., eyeglasses



Optics Carrier & optical accessories

#	Items	Quantity	List Price	Net Price
10	Ivesta 3 10450983	8	1,980.84	15,846.72
20	Eyepiece 10x/23 adjustable, S-series 10447131	16	131.58	2,105.28
Section Net Subtotal			USD 17,952.00	

Illumination

#	Items	Quantity	List Price	Net Price
30	LED RL - A60 10450476	8	638.52	5,108.16
40	Power cable, 2 m, USA 10445661	8	39.78	318.24
Section Net Subtotal			USD 5,426.40	

Stands

#	Items	Quantity	List Price	Net Price
50	Incident light base, small 10446340	8	192.78	1,542.24
60	Focus drive 300 mm M-Series Routine 10450171	8	487.56	3,900.48
70	Microscope carrier 10450173	8	244.80	1,958.40
Section Net Subtotal			USD 7,401.12	

Accessories

#	Items	Quantity	List Price	Net Price
80	Dust cover antistatic, small 10447039	8	36.72	293.76
Section Net Subtotal			USD 293.76	

Quotation Totals

Sub Total	USD 31,073.28
Chicago's Finest Discount	(8.00%) -2,485.86
Grand Total Excluding Taxes	USD 28,587.42

Terms and Conditions

Currency: USD

Payment Terms: Net 30

Shipping Terms: FOB Warehouse, Prepay-Add

Valid Until: 3/29/2025

Sales Contact

Clayton Bishop

Phone: 312-415-4999

clayton.bishop@thomasci.com

Thank you for choosing Thomas Scientific, formerly NCI, your authorized Leica Distributor. Please make out your purchase order to **Thomas Scientific** and submit to:

Email: sales@ncimicro.com

PH: (888) 559-3312

FX: (763) 559-7372

We also offer financing at competitive rates that can be tailored to meet your cash flow requirements.

Credit Card Orders over \$5000 are subject to a 3% surcharge. Any returns are subject to a 15% Restocking Fee.

Leica's warranty apply for the Leica LMS Goods Sold

Thomas Scientific, formerly NCI.

7125 Northland Terrace N, Suite 100

Brooklyn Park, MN 55428

orders@ncimicro.com

Appendix 2

Thomas Scientific, formerly NCI
7125 Northland Terrace N, Suite 100
Brooklyn Park, MN 55428
orders@ncimicro.com



Quote #: QU-0856180-B
Date 9/10/2024
Valid Until 3/29/2025

QUOTATION

RS&A

Sales Contact

Clayton Bishop
Phone: 312-415-4999
clayton.bishop@thomassci.com

Matt Marvin

mmarvin@ronsmithandassociates.com
601-917-3315

Ivesta 3 (Integrated camera)

[See Online](#)

Ivesta 3 (Integrated camera)

Features & Benefits:

- 9:1 zoom with magnification 6.1x-55x (10x eyepieces, no supplementary lens) – provides field of view up to 37.6mm for fast, accurate inspection
- 12mm Depth of Field with Fusion Optics; Greenough optical design - provides very flat (plan) field of view and large depth of field
- Complete apochromatic corrected microscopy system - 35° angle eye tubes - for comfort and convenience
- 122 mm standard working distance (without lens shield) – ensures excellent accessibility to the samples
- Resolution up to 250 lp/mm (without supplementary lens, 10x eyepieces), maximum resolution up to 500 lp/mm (2x supplementary lens, 10x eyepieces)
- Fully encoded zoom – inspection at specific magnification can be easily repeated
- Antimicrobial PC/ABS housing with AgTreat™
- Large range of supplementary lenses as well eyepieces
- Adapt the optical performance to the application requirements
- Integrated digital color camera with CMOS sensor
- Possible to operate with an 4k HDMI monitor using Enersight OSD
- High definition live image 4k, 60fps, HDR
- JPG images with up to 12 MP
- Camera control via Windows using Enersight Desktop or via tablet/smartphone via Enersight



Mobile application

- Capture images directly to USB Stick
- USB-C connection to PC for Enersight Desktop
- Delivered accessories: HDMI Cable, USB C-A cable, external power supply (without power cord), USB stick.

Please note, no eyepieces included. Our recommendation is: 10447137 Eyepiece 10x/23B, adj., eyeglasses

Optics Carrier & optical accessories

#	Items	Quantity	List Price	Net Price
10	<p>Ivesta 3 (Integrated camera) 10450981</p> <p>Ivesta 3 (Integrated camera) Features & Benefits:</p> <ul style="list-style-type: none"> - 9:1 zoom with magnification 6.1x-55x (10x eyepieces, no supplementary lens) – provides field of view up to 37.6mm for fast, accurate inspection - 12mm Depth of Field with Fusion Optics. Greenough optical design - provides very flat (plan) field of view and large depth of field - Complete apochromatic corrected microscopy system - 35° angle eye tubes - for comfort and convenience - 122 mm standard working distance (without lens shield) – ensures excellent accessibility to the samples - Resolution up to 250 lp/mm (without supplementary lens, 10x eyepieces), maximum resolution up to 500 lp/mm (2x supplementary lens, 10x eyepieces) - Fully encoded zoom – inspection at specific magnification can be easily repeated - Antimicrobial PC/ABS housing with AgTreat™ - Large range of supplementary lenses as well as eyepieces - Adapt the optical performance to the application requirements - Integrated digital color camera with CMOS sensor - Possible to operate with 4k HDMI monitor using Enersight OSD - High definition live image 4k, 60fps, HDR - JPG images with up to 12 MP - Full HD MJPG Video recording with 30 fps - Camera control via Windows using Enersight Desktop or via tablet/smartphone via Enersight Mobile application - Capture images directly to USB Stick - USB-C connection to PC for Enersight Desktop - Delivered accessories: HDMI Cable, USB C-A cable, external power supply (without power cord), USB stick. <p>Please note, no eyepieces included. Our recommendation is: 10447137 Eyepiece 10x/23B, adj., eyeglasses</p>	1	3,752.58	3,752.58

#	Items	Quantity	List Price	Net Price
20	<p>10"-HDMI Monitor + standard column mount 10450924</p> <p>10"-HDMI Monitor – with standard column mount</p> <ul style="list-style-type: none"> - Mounts to routine columns from Leica Microsystems - Capacitive touch - Screen Size: 10.1" diagonal - Resolution: 1920x1200 - Aspect Ratio: 16:9 / 16:10 - LCD Brightness: 320 CD/m2 - Contrast: 1000:1 - LCD Brightness: 320 CD/m2 - Viewing Angle: 175/175 deg (H/V) - Operation Voltage: DC 12 V - Operating Temperature: 0°C - 50°C - Dimension: 252 x 157 x 25 mm (Monitor only) - Weight: 535g (only Monitor only) - With universal power supply - HDMI, USB cables included 	1	1,289.28	1,289.28
30	<p>Eyepiece 10x/23B, adj., eyeglasses 10447137</p> <p>Eyepiece 10x/23B, adjustable diopters, for S-Series, for eyeglasses wearers and non-eyeglass wearers, field number 23, incl. symmetrical eye cup, built in reticle holders</p>	2	209.10	418.20
40	<p>Supplementary lens 0.5x 10450817</p> <p>Objective apochromatically corrected 0.5x , working distance 200 mm, 58 mm diameter, M52 thread</p>	1	575.28	575.28
50	<p>Power cable, 2 m, USA 10445661</p> <p>Power cable, 2 m, with USA plug</p>	1	39.78	39.78
60	<p>Wireless mouse; USB 10726491</p> <p>Wireless mouse</p> <ul style="list-style-type: none"> • USB 	1	56.41	56.41
Section Net Subtotal			USD 6,131.53	

Stands				
#	Items	Quantity	List Price	Net Price
70	Focus drive 500 mm M-Series Routine 10450172 Focus drive 500 mm, M-Series Routine, cable channel	1	768.06	768.06
80	Intermediate adapter for TL and IL Base 10450434 Intermediate adapter for TL and IL Base - Adapter to extend the optical axis by 40mm for routine focus drives - To be used with large incident bases 10450049 and transmitted light bases of the TL3000-5000 series	1	216.24	216.24
90	Microscope carrier 10450173 Microscope carrier, for M-, S- and Z-series, interface 76 mm, 2x M5 threads for accessories	1	244.80	244.80
100	Inc. light base, large w. AntiShock feet 10450049 Incident light base, large with AntiShock feet - With stage insert black/white (120 mm) - With honeycomb structure for higher stiffness - AntiShock feet - 4 mounting screws included - Dimensions 320 mm(w) x 417.3 mm(d) x 24 mm(h)	1	612.00	612.00
Section Net Subtotal			USD 1,841.10	
Illumination				
#	Items	Quantity	List Price	Net Price
110	Power Supply for LED3000/LED5000 10450266 Power Supply for LED3000 and LED5000 illumination series, for stand alone, Input: 100 - 240 Volts Output: 33V, 0.9A, 30W max excl. Power cord	1	149.94	149.94
120	Power cable, 2 m, USA 10445661 Power cable, 2 m, with USA plug	1	39.78	39.78

#	Items	Quantity	List Price	Net Price
130	Leica LED3000 SLI 10450508 Leica LED3000 SLI, Spotlight illumination, 2-arm Gooseneck with 300 mm length, with 2 Hi-Power LEDs, ca. 5600K color temperature, control panel with separate gooseneck, 2x CAN bus connection, incl. 0.7 m CAN cable	1	894.54	894.54
140	Clamp-combi light guide - routine M-ser 10450570 Clamp for combi light guides on focus drive for routine M-series, also for adaptation of LED3000 SLI, LED5000 SLI - 2x M5 and 1x M3	1	132.60	132.60
Section Net Subtotal			USD 1,216.86	

Accessories

#	Items	Quantity	List Price	Net Price
150	Dust cover (40 x 35 x 60), antistatic 10450315 Dust cover (40x35x60cm) antistatic	1	80.58	80.58
Section Net Subtotal			USD 80.58	

Quotation Totals

Sub Total	USD 9,270.07
	(8.00%) -741.61
Grand Total Excluding Taxes	USD 8,528.46

Terms and Conditions

Currency: USD

Payment Terms: Net 30

Shipping Terms: FOB Warehouse, Prepay-Add

Valid Until: 3/29/2025

Sales Contact

Clayton Bishop

Phone: 312-415-4999

clayton.bishop@thomasci.com

Thank you for choosing Thomas Scientific, formerly NCI, your authorized Leica Distributor. Please make out your purchase order to **Thomas Scientific** and submit to:

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PH: (888) 559-3312

FX: (763) 559-7372

We also offer financing at competitive rates that can be tailored to meet your cash flow requirements.

Credit Card Orders over \$5000 are subject to a 3% surcharge. Any returns are subject to a 15% Restocking Fee.

Leica's warranty apply for the Leica LMS Goods Sold

Thomas Scientific, formerly NCI.

7125 Northland Terrace N, Suite 100

Brooklyn Park, MN 55428

orders@ncimicro.com

Appendix 3



17300 Medina Road, Suite 600
Minneapolis, MN 55447 USA
Phone: +1-763-546-8575
Fax: +1-763-546-4369
www.leedsmicro.com

Quotation

prepared for

Ron Smith And Associates
Attn: Matthew Marvin
P.O.Box 670
Collinsville, MO 39325

Project Description:

Leeds Firearms and Tool Marks Comparison Microscope (LCF2) - Qty. 2

Quote Number: 23397, issued by Leeds Precision Instruments, Inc.

This quote is valid from:

September 10, 2024 to March 10, 2025

F.O.B: Destination

Terms: Domestic – NET 30 (with open account)

International – Prepayment in US Funds or Letter of Credit, either of which is executed prior to the date of shipment of goods.

Delivery: Will ship within 90 days of receipt of a Purchase Order, subject to acts of God, or other causes beyond the reasonable control of Leeds.

Respectfully submitted for Leeds Precision Instruments, Inc. by:
Patrice Amoapim, Technical Sales Support Rep



17300 Medina Road, Suite 600
 Minneapolis, MN 55447
 Phone: 763-546-8575
 Fax: 763-546-4369

Quote #23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms	Shipping Terms	Quote Valid Until
Net 30	FOB DEST	3/10/2025

Item	Qty	U/M	Description	Price	Total
			PROJECT DESCRIPTION: LEEDS FIREARMS AND TOOL MARKS COMPARISON MICROSCOPE (LCF2) - QTY. 2		
LCF10-OCU1.0	2	ea	<p>LCF10 optical system that includes the Leeds' comparison bridge designed with high-quality optics that provide a superior color balanced system, macrozoom optical bodies with 10:1 zoom ratio, and 1x plan apochromat objectives, with the following:</p> <ul style="list-style-type: none"> - Zoom magnification range of 5.6x-56x - 11 Matched magnification click stop positions - ISO 17025:2017 Accredited/NIST Traceable certificate of magnification matching is included with each system. - 22mm Field Number (FN) - 1X Plan Apochromat objective - Working distance (WD) 74mm - Numerical Aperture (NA) 0.110, super depth of focus - Upright unreversed image - Built-in aperture diaphragms - Images can be viewed as 100% right, 100% left, split, or superimposed image dividing-line controller is easily adjusted with one hand, allowing the examiner to sweep the dividing-line from right to left. Dividing line can be eliminated or adjusted to any desired line width. The same centrally located control allows any percentage of the right and left images to be superimposed as well. - Zoom control on both sides of the bodies - Outside-zoom knob indicates total magnification - System is parfocal with the .5X, 1.6X and 2X objectives carrying the "PF" designation. 	31,789.00	63,578.00T

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%)

Total (USD)



17300 Medina Road, Suite 600
 Minneapolis, MN 55447
 Phone: 763-546-8575
 Fax: 763-546-4369

Quote #23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms	Shipping Terms	Quote Valid Until
Net 30	FOB DEST	3/10/2025

Item	Qty	U/M	Description	Price	Total
LCF-3-U137	2	ea	U-TBI-3-CLI; Tilting Binocular Observation Tube, continuously variable eyepiece inclination from 5° to 35°; FN 22 capable; Siedentopf-type dust-free design. Accepts 30mm diameter WH series eyepieces. High transmission coated prisms; antifungal treatment. Graduated interpupillary distance adjustment 50mm-76mm; right eyepiece tube with +/- 5 diopter control.	2,039.00	4,078.00T
LCF-U-IT134C	2	ea	U-TRU; Side port adapter for camera attachment. Two position light path selector: 100% observation/0% camera, or 20% observation/80% camera. Includes FN 22 tube lens and dovetail port to accept U-SPT phototube (cat# 3-U801) or U-TV series CCD camera adapters. Mountable with port to the right, rear or left of the user with binocular observation tube. Mountable to the rear with trinocular observation tube.	1,099.00	2,198.00T
LCF-2-U1007	2	ea	WHN10X-1-7; Widefield Stationary 10X eyepiece for BX/IX with reticle shelf. FN 22, high eyepoint. (was 2-U1007)	293.00	586.00T
LCF-2-U100H6	2	ea	Widefield focusing 10X eyepiece for UIS optics, high eyepoint, field number 22, 30mm diameter; with shelf for 24mm diameter reticle ± 5 Diopter adjustment vernier printed on eyepiece. (was 2-U100H6)	346.00	692.00T
LCF-2-U1026	2	ea	CROSSWHN10X-1-7; Widefield 10X Crosshair Eyepiece, high eyepoint, FN 22; 30mm diameter, focusable top lens with crosshair reticle and alignment pin ± 5 Diopter Adjustment Vernier printed on eyepiece.	459.00	918.00T
LCF2-STATION	2	ea	LCF2 Station - Motorized "Z" column, optical arm, 25" x 36.5" table with motorized height control.	9,989.00	19,978.00T
LCF3-FFOMT	4	ea	Stage mount with fine and coarse focus control	2,733.00	10,932.00T
LCF-FOPOS	4	ea	Focus-mount positioner; 4" X-axis range to change the side-to-side position of the universal bullet holder.	406.00	1,624.00T
LCF-STAGE	4	ea	Horizontal coaxial control X-Y stage, 180mm x 135mm platform with 50mm X-axis and 77mm Y-axis movement. Uniform ball-bearing motion.	2,338.00	9,352.00T

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%)
Total (USD)



17300 Medina Road, Suite 600
 Minneapolis, MN 55447
 Phone: 763-546-8575
 Fax: 763-546-4369

Quote #23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms	Shipping Terms	Quote Valid Until
Net 30	FOB DEST	3/10/2025

Item	Qty	U/M	Description	Price	Total
LCF3-SCALE	2	ea	LCD Measuring scale, inch/metric, .0005"/0.01mm resolution with bracket kit. Includes ISO 17025:2017 Accredited/NIST Traceable Certification of Scale Accuracy.	890.00	1,780.00T
LCF-COVER	2	ea	Nylon dust cover	0.00	0.00T
MS-LCF-ISO	2	ea	ISO/IEC 17025:2017 accredited calibration, providing certificates of calibration for magnification matching and all measurement functions	0.00	0.00T
SAMPLE HOLDERS					
LCF3-UVLHLR	4	ea	Universal Manipulating Bullet/Shell Holder; with 90 degree vertical to horizontal positioning range. 360 degree rotating chuck with as small as .030" wire to as large as a 10-gauge shotgun shell. This holder allows a shell to be gripped by its inside, or outside, diameter. It can also grip a shell by the extraction groove. This unique holder replaces many special holders, eliminating the additional time required for change over. Includes a mini-platter for sticky wax mounting.	4,233.00	16,932.00T
LCF-PINMTS	2	ea	Set of pin mount pairs, .094", .125", .190", .250".	409.00	818.00T
LCF-PMH	2	ea	Pin mount holder tray	182.00	364.00T
LCF-EPH	2	ea	Third eyepiece holder, attaches to LCF column	155.00	310.00T
LCF-RFLDOC	4	ea	Reflected light holder for document and toolmark examination. Includes tall adjustable stage clips.	225.00	900.00T
FLUORESCENT AND LED LIGHTING					
LCF2-FLRKIT	2	ea	5000K 13W CFL quad-lamp light with articulating support arm and rotating hood to control sample contrast. Kitted as a pair.	1,285.00	2,570.00T
LCF-CF13DD	4	ea	CF13DD/E/850 COMMERCIAL BRAND Quad bulb	14.00	56.00T
LCF-LEDFO	2	ea	Fanless 5700K Led cube illuminator light source/LED light source for use with a fiber optic light guide	958.00	1,916.00T

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%)
Total (USD)



17300 Medina Road, Suite 600
 Minneapolis, MN 55447
 Phone: 763-546-8575
 Fax: 763-546-4369

Quote #23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms	Shipping Terms	Quote Valid Until
Net 30	FOB DEST	3/10/2025

Item	Qty	U/M	Description	Price	Total
LCF-A08520	2	ea	Dual 18" gooseneck light guide with 30" flexible fiber bundle. Mounts directly onto microscope body so that illuminator unit can be located at some distance from the microscope stand.	439.00	878.00T
LCF-A08080	4	ea	Focusing spot lens	55.00	220.00T
LCF-D8080	4	ea	Diffused spot lens	234.00	936.00T
CMOS5 DIGITAL CAMERA AND COMPUTER					
LCF3-COMS5-PKG	2	ea	Leeds 5MP CMOS camera with SPOT Advanced software, including EDF and HDR. Camera: Sensor: 5 MP CMOS, color mosaic Live framerate: 60+ fps (HD) Full resolution live framerate: 45+ fps (5 MP) HxV pixels: 2448 x 2048 Pixel size: 2.45 um Sensor format: 2/3" Recommended adapter magnification: 0.63x Lens mount: c-mount Computer interface: USB3 Software: - SPOT Advanced - High Dynamic Range (HDR) image capture - Manual Extended Depth of Field (EDF) image capture - Calibrated measurements on live preview and image capture including length, perimeter, area, angle, and more - Live image focus indicator - Flatfield correction - User-definable imaging profiles to support different illumination types and imaging preferences - Image flicker reduction	7,115.00	14,230.00T

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%)
Total (USD)



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 Minneapolis, MN 55447
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 Fax: 763-546-4369

Quote #23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms	Shipping Terms	Quote Valid Until
Net 30	FOB DEST	3/10/2025

Item	Qty	U/M	Description	Price	Total
LCF-DE63BXC	2	ea	0.63X C-Mount for OLYMPUS BX	659.00	1,318.00T
			Subtotal		157,164.00
			8% One time additional discount	-8.00%	-12,573.12
			Subtotal		144,590.88

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%)	\$0.00
Total (USD)	\$144,590.88



TERMS AND CONDITIONS FOR LEEDS LCF AND LCT MODELS

ORDER TERMS AND ACCEPTANCE: All customer orders are subject to these Terms and Conditions. Any inconsistent or conflicting terms in any purchase order, or other customer communication, cannot supersede or modify these Terms and Conditions, and are expressly rejected. All orders are subject to acceptance by Leeds and no provision of goods or services by Leeds will be deemed to be an acceptance of conflicting or inconsistent terms, or a waiver of these Terms and Conditions.

If the customer is the federal government, a state government, an agency of the federal or state government, or a political subdivision of any state, including, but not limited to, any county, city, or municipality, these Terms and Conditions shall be deemed to be subject to the mandated terms and conditions of any said government as they relate to government purchases.

Any transactions with Leeds for products or services will be governed by the laws of the State of Minnesota applicable to contracts and accepted and to be performed in Minnesota, without regard to applicable conflicts of law principles. Any action relating to any Leeds transactions, or these Terms and Conditions, will be brought in the applicable federal or state courts located in Hennepin County, Minnesota. By placing orders with Leeds, each customer irrevocably submits to the jurisdiction and venue of such courts.

SHIPPING: Leeds will attempt to honor special shipping requests, but reserves the right to select the carrier and manner of shipment. All shipping and delivery dates provided are estimates only, and customer will pay all applicable shipping and handling charges. All products are sold and shipped F.O.B. Plymouth, Minnesota, with title and risk of loss passing to customer upon tender to carrier.

PRICING AND PAYMENT: Prices and applicable discount terms are subject to change without notice, and orders will be filled and shipped at prices confirmed on acceptance. Except as otherwise quoted by Leeds, pricing is exclusive of all applicable sales, use or similar taxes, which will be the sole liability of customer. Without Leeds' prior written consent, payment by credit card is not permitted in excess of \$5000.

If credit is extended, customer agrees that Leeds will be entitled to collect interest on any late payments from date of delivery at the rate of 8% per annum.

PRODUCT ACCEPTANCE: In case of any shortage or product damage, customers must notify delivering carrier and Leeds immediately, and must file a carrier claim within 10 days of receipt. Leeds will provide necessary supporting claim information and documentation on request. Leeds will use best efforts to expedite reorders for missing or damaged products, which will also remain subject to Leeds' Terms and Conditions.

RETURNS AND CANCELLATIONS: Unused and undamaged non-custom products are the only type of products that may be returned, provided that the customer has obtained a written return authorization code from Leeds. All such returns must be requested within 30 days of product receipt. Credit for authorized returns will be issued at current price paid, less freight costs and reasonable restocking fees. Cancellation of orders prior to delivery are subject to the following: i) If items ordered are Leeds' stock items, the order cancellation will be accepted without charge or penalty, ii) If items ordered are special order items by Leeds and Leeds has placed a purchase order with the manufacturer, or if the items ordered include Leeds' customization of products, a reasonable fee may be charged, not to exceed an amount equal to 15% of the customer's purchase price.

LIMITED WARRANTY: Leeds warrants that its LCF Firearms & Toolmarks Comparison Microscope and its LCT Trace Evidence Comparison Microscope, will be free from defects in materials and workmanship, under normal use and service, for a period of five years for mechanical or optical defects and one year for electrical, electronic, or wear-related components, provided, however, that the product is placed, and always kept, in a suitable climate controlled environment that meets Leeds' specifications. The warranty shall begin at installation. If any product proves to be defective within the relevant warranty period, the customer must return the defective product to Leeds.

Leeds Precision Instruments, Inc.
17300 Medina Road, Suite 600
Plymouth, MN 55447-5639
(763) 546-8575
www.leedsmicro.com

Leeds at its sole discretion, will repair, replace, or adjust the defective product, provided that Leeds' investigation and factory inspection disclose that such defect developed under normal and proper use and the product is covered under this limited warranty. Repair, replacement, or adjustment of defective product shall be Leeds' sole obligation and the customer's sole remedy.

Appendix 4

Team Fabrication Inc.

145 Ellicott
PO Box 32
West Falls, NY 14170

Phone (716) 539-1914 **Fax** (716) 655-0426

Quote

Date: 09/10/2024

Customer No.: CHICAGO

Quote No.: 52206

Vendor ID:

Quote To: **RON SMITH & ASSOCIATES INC**

PO BOX 670
9335 HIGHWAY 19 NORTH
Collinsville, MS 39325


Ship To: **CHICAGO POLICE**

3340 W FILLMORE STREET
Chicago, IL 60624

Fax Number Ship Via	F.O.B.	Terms	Sales Person
OUR DELIVERY	Origin	Net 30	

Quantity	Item Number	Description	Unit Price	Amount
1		TEAM TO PERFORM A GENERAL TANK MAINTENANCE REVIEW 1-NEWREPLACEMENT WATER FILTER 1-NEW LID GASKET 2-NEW LID ACTUATORS 2-NEW LID GAS LIFTS NOTE: IF ANY ADDITIONAL PARTS ARE REQUIRED THERE WOULD BE ADDITIONAL CHARGES AND TRAVEL EXPENSES PLUS NEXT DAY SHIPPING *NOT TO EXCEED 3 DAYS TOTAL INCLUDING TRAVEL	5406.75	5406.75
		Quote subtotal		5406.75
		Quote total		5406.75

Appendix 5

Product Price Quote 911241				
To:	Chicago PD			
Att:	Lorri Lewis/Matt Marvin	September 11, 2024		
Part Number	Description	Unit price	Qty	Total
EV-190-DL	Duplex Forensic Evidence Drying cabinet, a double working chamber with separate controls, total Ex size -76" x 28" x 75 (193 x 71 x 190 cm) , internal height - 45" (114 cm), Total internal volume - 155 L (2 chambers of 77 L), included accessories- one internal PP shelf, hanging rod.	\$12,300	2	\$24,600
EV-SP-1	Sets of extra filters for EV-150-DL	\$0	4	Included
EV-120-DL	Duplex Forensic Evidence Drying cabinet, a double working chamber with separate controls, total Ex size -48" x 28" x 75 (122x 71 x 190 cm) , internal height - 45" (114 cm), Total internal volume - 100L (2 chambers of 50 L), included accessories- one internal PP shelf, hanging rod. Include 1 set of filters installed.	\$9,000	9	\$81,000
EV-SP-2	Sets of extra filters each for EV-120-DL	\$0	18	Included
EV-090-3	Three small cabinets stacked Include 1 set of filters installed.	\$12,900	3	\$38,700
EV-SP-3	Sets of extra filters each for EV-090-3	\$0	6	Included
CF-300-PP-WI	Polypropylene Walk in ductless fume hood , Outer Dimensions: 118.1"x32.6"x95.3"(3000 x 830 x 2420 mm) Inner Dimensions:117.5"x20"x70.95" (2985 x 590 x 695mm)	\$28,840	1	\$28,840
EV-SP-4	Sets of extra filters each CF-300-PP-WI	\$0	2	Included
Quote is valid through 2025		Total		\$173,140
		Shipping		EXW
		Grand Total		\$173,140
General terms :				
Pick up location :	All prices are FOB Ontario, CA 91761			
Packaging	Honeycomb carton on a pallet (free of charge). <u>Optional</u> wood crate at additional cost.			
Payment terms	Orders Up to \$10,000=100% in advance. Orders over \$10,000 = 50% deposit- 50% before shipment.			
Best regards				
Alex Gieser Sales Manager and Technical Liaison Direct : 1-215-287-4760 Mail: Alex@topairsystems.com www.topairsystems.com				



Ron Smith & Associates, Inc.

Consulting Division

www.RonSmithandAssociates.com | consulting@ronsmithandassociates.com

December 2, 2024

Proposed Activity: RS&A will provide Quality Management; Latent Print Examiner training, mentorship, and casework under RS&A's international laboratory accreditation (ISO/IEC 17025 with ANAB as the accrediting body); Laboratory Management training and mentorship; and will administer and track annual latent print comparison proficiency tests, for the Chicago Police Department.

In order to fulfill the Quality Management portion of the services, Ron Smith and Associates, Inc. is the only source that is available based on the following essential criteria:

- **Public interest** – Communities are best served when forensic services are provided by an organization that can demonstrate compliance with internationally accepted standards. RS&A has been accredited to the ISO/IEC 17025 requirements since 2015 and was dually accredited to ISO/IEC 17020 from 2015–2017; therefore, RS&A knows what it takes to prepare a laboratory for accreditation and to get through the assessment process. Once accredited, the public can have confidence in the quality of work generated because accreditation requirements include the technical competency of staff, appropriateness of test methods, the suitability of test equipment, proper handling of evidence, and quality assurance of test data to ensure reliability and validity of test results.
- **Urgency** – Legislation already exists in at least eleven states requiring forensic service providers to be or become accredited using an international standard. As noted, organizations providing forensic services in the State of New York must be accredited by September 2026. It is fully expected that accreditation will eventually become mandatory for all publicly funded forensic service providers.
- **Qualifications** – Ron Smith & Associates, Inc. is the only service provider that has a highly experienced Quality Manager, Dr. Emma K. Dutton, overseeing the RS&A Quality Management Services Division (over 11 years experience as a Quality Manager in an ISO/IEC 17025 full service laboratory, 10 years experience as an ANAB instructor/instructional designer and has served as a Lead Assessor and Technical Expert on ANAB assessments). As the Director of the RS&A Quality Management Services Division, Dr. Dutton leads a team of experienced contract Quality Managers to assist laboratories and agencies seeking accreditation to achieve and maintain accreditation to either ISO/IEC 17020 or ISO/IEC 17025. The RS&A contract Quality Managers have successfully prepared and achieved accreditation for several forensic agencies to both ISO/IEC 17025 and ISO/IEC 17020. A list of references is available upon request. Additionally, RS&A partners with trained and qualified Technical Experts who have an unparalleled level of competency in their forensic discipline. These technical

professionals are trained assessors in either, or both, ISO/IEC 17020 and ISO/IEC 17025 accreditation requirements. Additionally, all our Quality Managers and Technical Experts are nationally recognized in their forensic discipline(s), and are typically certified by recognized forensic organizations (e.g., the International Association for Identification, the American Board of Criminalistics, or the American Board of Forensic Toxicology).

- Unique qualifications – In addition to offering Quality Management services, Ron Smith & Associates, Inc. provides forensic proficiency tests as an accredited proficiency test provider to ISO/IEC 17043. The scope of accreditation currently includes: latent print comparison, latent print processing (for the disciplines of crime scene investigation and friction ridge), footwear and tire track comparisons, ten print comparisons, shooting incident documentation and presumptive blood testing for crime scene investigation. This truly sets Ron Smith & Associates, Inc. apart from other quality management services organizations
- Experience – Ron Smith & Associates, Inc. is the only forensic service provider that has the range and depth of experience in their Quality Managers and Technical Experts required to guide the Forensic Laboratory Staff of the Chicago Police Department through the ISO/IEC 17025 accreditation process. RS&A, Inc. will ensure the lead quality manager assigned to the Chicago Police Department has over 20 years of experience in forensics including working directly in quality management. Additionally, each of RS&A's Technical Experts is a veteran examiner with several years of experience performing forensic casework examinations. These Technical Experts have also worked with other Quality Managers and organizations in achieving forensic accreditation.

In order to fulfill the Latent Print Examiner training, mentorship, and casework portion of the services, Ron Smith and Associates, Inc. is the only source that is available based on the following criteria which are essential to providing these services:

- A forensic vendor possessing a team of Latent Print Examiners who are board certified by the International Association for Identification. The International Association for Identification is the only professional certifying body for latent print examiners in the world.
- A forensic vendor possessing a team of board-certified Latent Print Examiners who each have a minimum of five years' experience in conducting casework, reviewing casework of other examiners, technical reviews, and verifications.
- A forensic vendor possessing a team of board-certified Latent Print Examiners who are fully informed in the development and implementation of Standard Operating Procedures to include the "best practices" recognized within the industry.
- A forensic vendor possessing a team of board-certified Latent Print Examiners who are fully informed in the various aspects of best practices under International Organization for Standardization, ISO 17020, and 17025 and who currently work in an ISO 17025 accredited laboratory.

- A forensic vendor who has an ISO/IEC 17025 accredited laboratory for examination of casework.
- A forensic vendor who can plan, implement and complete the latent print training, mentorship, and casework project within the projected timeline.
- A forensic vendor who has successfully completed similar projects of this type and scope for multiple forensic service providers.
- An ISO/IEC 17025 accredited forensic service provider that has the ability, resources, and approval from the accrediting body to have the Chicago Police Department latent print examiners casework under the accredited forensic provider's international laboratory accreditation.

In order to fulfill the proficiency testing portion of the services, Ron Smith and Associates, Inc. is the only source that is available based on the following criteria which are essential to providing these services:

- RS&A is the only ISO/IEC 17043 accredited proficiency test provider and ISO/IEC 17025 accredited forensic laboratory that offers Latent Print Comparison and Latent Print Processing Proficiency Tests for Latent Print Examiners.

In order to fulfill the laboratory management training and mentorship portion of the services, Ron Smith and Associates, Inc. is the only source that is available based on the following criteria which are essential to providing these services:

- Multiple current and former laboratory directors on staff and exclusive contract, to include on a full-time basis, who are current members in good standing with the American Society of Crime Laboratory Directors.
- An in-depth and operational knowledge of laboratory grant funding sources, to include obtaining, tracking, and managing grants.
- Experience working in forensic laboratories consisting of a mixture of law enforcement and civilian personnel.
- Experience working in small, medium, and large public laboratories at municipal, state, and federal agencies.
- Multiple fully trained ISO/IEC 17025 assessors with prior experience in both internal and external assessments of compliance to all ISO/IEC 17025 laboratory accreditation standards and the supplemental standards of the American National Standards Institute National Accreditation Board AR 3125.
- The ability to train the Chicago Police Department Laboratory Management personnel to gain a functional knowledge of all forensic disciplines for which testing is conducted by the Chicago Police Department.
- The ability to train the Chicago Police Department Laboratory Management to be effective in general laboratory leadership and management.

Ron Smith & Associates, Inc. (RS&A) is the largest privately owned provider of forensic identification training, consulting, proficiency testing, and quality management services in the United States. RS&A is currently accredited under ISO/IEC 17025 and 17043 standards. These

accreditations ensure that RS&A has been fully vetted and is qualified to provide technical training, casework, quality management, and case examinations to our wide base of clientele. Ron Smith & Associates, Inc. is the only service provider that has the level of experience and skills needed to assist the Chicago Police Department Forensic Science Laboratory in achieving its accreditation, casework, and training goals.

Ron Smith & Associates, Inc. is the only forensic consulting company in the United States which possesses all of these credentials, skill sets, and previous experience in these critically important areas. We are the only company who has been tasked with, and successfully completed, projects of this complexity in the past. RS&A is comprised of the largest group of forensic identification professionals in the country and is the only company which keeps a cadre of I.A.I. Board-Certified Latent Print Examiners on staff or exclusive contract on a full-time basis. No other company has the ability, past experience, credentials, infrastructure, and qualified personnel necessary to meet the needs of the Chicago Police Department in this endeavor.

Respectfully submitted,

A handwritten signature in blue ink that reads "Matthew J. Marvin". The signature is written in a cursive style with a clear, legible font.

Matthew J. Marvin, CLPE, CFWE
Laboratory Director
Ron Smith & Associates, Inc.
Office: 601-626-1100
Email: mmarvin@ronsmithandassociates.com



CITY OF CHICAGO



OFFICE OF PUBLIC SAFETY ADMINISTRATION

MEMORANDUM

To: Sharla Roberts, Chief Procurement Officer
DEPARTMENT OF PROCUREMENT SERVICES (DPS)

From: 
Frank Lindbloom, Executive Director
OFFICE PUBLIC SAFETY ADMINISTRATION (PSA)

Date: October 2, 2024

Subject: **MBE/WBE Compliance Request: No Stated Goals**
New Contract Request NCRB Sole Source
Latent Print Examination Training & Laboratory Accreditation
Services
Ron Smith and Associates, Inc.
Requisition No.: 626135 / Specification No.: 1308335

The Office of Public Safety Administration ("PSA") on behalf of the Chicago Police Department ("CPD") respectfully requests no stated goals for the above referenced contract with Ron Smith & Associates, Inc. ("RS&A").

As outlined in RS&A's justification letter, the contract involves highly specialized and technical work to assist the CPD forensic laboratory in achieving 100% compliance with over 400 ISO/IEC 17025 and ANAB AR3125 standards required to applying for accreditation. In a thorough review of the City's C2 system, PSA affirm RS&A's findings that there are no certified firms for the requested service. Furthermore, there are no NAICS commodity codes for latent prints, laboratory science, or forensic science.

For this reason, PSA concurs with RS&A's justification for MBE/WBE no stated goals and requirements on the resulting contract.

Your assistance in this matter is appreciated. Please contact Anne Davis at 312-745-5955 with questions.
Thank you.

cc: Natalie Gutierrez, PSA
Kevin Pater, PSA 

P.O. Box 670
Collinsville, MS 39325



Toll Free: 1-866-832-6772
Office: (601) 626-1100
Fax: (601) 626-1122

Ron Smith & Associates, Inc.

www.RonSmithandAssociates.com

December 2, 2024

Chicago Police Department
Finance Division/Procurement Services
Attn: Anne Davis
3510 S. Michigan Avenue
Chicago, IL 60653

RE: Request and Justification for Waiver of MBE/WBE Compliance Goals

Dear Ms. Davis,

Ron Smith and Associates, Inc (hereinafter RS&A), is requesting a waiver of stated percentage MBE/WBE compliance goals. RS&A is seeking to continue our work with the Chicago Police Department by mentoring newly trained forensic scientists, by getting the Chicago Police Department independent international accreditation by achieving 100% compliance with over 400 ISO/IEC 17025 and ANAB AR3125 laboratory standards, and by training the laboratory management in effective crime laboratory management to include specific training in the forensic disciplines currently offered by the Chicago Police Department. All of these functions are highly specialized, and require specific knowledge, skills, and abilities to be successful.

The services being provided by RS&A are critical. Forensic scientists are regularly called to testify in courts of law on criminal matters where life and liberty are at stake. These are high stakes roles and functions for a city and for a police department. The work of a forensic science laboratory must be of the highest quality and consistent with international standards to ensure that the facts of the evidence are accurate, reliable, and trustworthy. It is not an exaggeration to say that innocent people can die because of incorrect forensic science work. It is with this understanding that RS&A seeks to provide services and products to the City of Chicago and the Chicago Police Department to build a forensic science laboratory system that is beyond reproach. There is no room for error in services that are of this highly specialized, highly technical, and highly critical nature.

In support of this request, I have personally reviewed every line of the list of certified WBE/MBE as published by the City of Chicago. While it would be our honor and pleasure to work with companies from this list, there are not companies represented on the list that provide the services necessary for the fulfilment of the scope of work. Specifically, on the certified list, there is not a company that offers forensic science examination, there is not a company that is an ISO/IEC 17025 accredited forensic science service provider, there is not a company that offers specialized forensic science training, and there is not a company that offers specialized forensic

science mentorship/apprenticeship. Not only did I personally review the entire list, I also did multiple searches for key terms that would indicate a portion of the forensic services could be provided, with no successful candidate returned from the list of certified MBE/WBE.

The services being provided by RS&A are highly technical and highly specialized. As an example, the mentors providing the training are all board-certified latent print examiners through the International Association for Identification. At the time of this letter, there are 943 board certified latent print examiners in the world. Successful completion of just the mentorship portion of this project requires a minimum of 7 board certified latent print examiners. Furthermore, this project requires a highly experienced Forensic Laboratory Quality Assurance Manager. That Forensic Laboratory Quality Assurance Manager must have over a decade of experience working in internationally accredited public crime laboratories in a Quality Assurance Manager or Laboratory Director capacity, have the availability to be immediately responsive to quality issues that may arise in a forensic laboratory, have a proven track record of successful laboratory management, and be an effective teacher in quality management and laboratory management matters. I found no such certified MBE/WBE on the list.

RS&A is committed to the goals of the City of Chicago as it relates to the services and products we propose to provide. RS&A often uses independent contractors from around the United States, and are currently using WBE companies in support of our current training contract; albeit not on the certified list due to the aforementioned lack of companies offering these specialized services. Our current training contract states that we will make a faithful effort to use MBE/WBE companies where possible, and we have been successful in that endeavor in that 50% of the independent contractors used on our current training contract are WBE. But please understand that due to the highly technical, specialized, and critical nature of this work, RS&A must use forensic scientists from around the United States; the certified MBE/WBE list does not contain the types of companies, services, and expertise required for the fulfillment of the proposed contract. RS&A is committed to, and will make a good faith effort toward, contracting with MBE/WBE companies from around the United States where possible. We hope that the City of Chicago will find that RS&A has been diligent in our efforts to support the compliance goals of the City of Chicago on a nationwide level, and we respectfully request to be allowed to continue in this endeavor in the same manner for our current and future proposals. Please feel free to contact me should you have any questions or desire clarification of this request.

Respectfully Submitted,

A handwritten signature in blue ink that reads "Matthew J. Marvin". The signature is written in a cursive, flowing style.

Matthew J. Marvin, CLPE, CFWE
Laboratory Director
Ron Smith and Associates, Inc.
mmarvin@ronsmithandassociates.com
601-626-1100

OFFICE OF PUBLIC SAFETY ADMINISTRATION
PSA-051-PRO SERV CONSULTING \$250,000 or ABOVE

June 26, 2024

Contractor must provide and maintain at Contractor's own expense, during the term of the Agreement and during the time period following expiration if Contractor is required to return and perform any work, services, or operations, the insurance coverages and requirements specified below, insuring all work, services, or operations related to the Agreement.

A. INSURANCE REQUIRED FROM CONTRACTOR

1) Workers' Compensation and Employer's Liability (Primary and Umbrella)

Workers' Compensation Insurance, as prescribed by applicable law covering all employees who are to provide a service under this Agreement and Employer's Liability coverage with limits of not less than **\$1,000,000** each accident; **\$1,000,000** disease-policy limit and **\$1,000,000** disease-each employee, or the full per occurrence limits of the policy, whichever is greater.

The Contractor may use a combination of primary and Excess/Umbrella policy/policies to satisfy the limits of liability required herein. The Excess/Umbrella policy/policies must provide the same coverages/follow form as the underlying policy/policies.

2) Commercial General Liability

Commercial General Liability Insurance or equivalent must be maintained with limits of not less than **\$1,000,000** per occurrence and **\$2,000,000** aggregate for bodily injury, personal injury, and property damage liability. Coverages must include but not be limited to, the following: all premises and operations, products/completed operations (for a minimum of two (2) years following project completion), explosion, collapse, underground, separation of insureds, defense, contractual liability (not to include endorsement CG 21 39 or equivalent), no exclusion for damage to work performed by Subcontractors, any limitation of coverage for designated premises or project is not permitted (not to include endorsement CG 21 44 or equivalent) and any endorsement modifying or deleting the exception to the Employer's Liability exclusion is not permitted. Where the general aggregate limit applies, the general

aggregate must apply per project/location and once per policy period if applicable, or Contractor may obtain separate insurance to provide the required limits which will not be subject to depletion because of claims arising out of any other work or activity of Contractor. If a general aggregate applies to products/completed operations, the general aggregate limits must apply per project and once per policy period.

The City must be provided additional insured status with respect to liability arising out of Contractor's work, services or operations and completed operations performed on behalf of the City. Such additional insured coverage must be provided on ISO form CG 2010 10 01 and CG 2037 10 01 or on an endorsement form at least as broad for ongoing operations and completed operations. The City's additional insured status must apply to liability and defense of suits arising out of Contractor's acts or omissions, whether such liability is attributable to the Contractor or to the City. The full policy limits and scope of protection also will apply to the City as an additional insured, even if they exceed the City's minimum limits required herein. A copy of the physical 'Additional Insured' endorsement must accompany the Certificate of Insurance when submitted. Contractor's liability insurance must be primary without right of contribution by any other insurance or self-insurance maintained by or available to the City.

The Contractor may use a combination of primary and Excess/Umbrella policy/policies to satisfy the limits of liability required herein. The Excess/Umbrella policy/policies must provide the same coverages/follow form as the underlying policy/policies.

3) Automobile Liability

A Business Auto Policy covering any motor vehicles (owned, non-owned and hired) which are used in connection with work, services, or operations to be performed, must be maintained by the Contractor. Limits of not less than **\$1,000,000** per accident for bodily injury and property damage and covering the ownership, maintenance, or use of any auto whether owned, leased, non-owned or hired used in the performance of the work or services. The City is to be added as an additional insured on a primary, non-contributory basis. A copy of the physical 'Additional Insured' endorsement must accompany the Certificate of Insurance when submitted.

The Contractor may use a combination of primary and Excess/Umbrella policy/policies to satisfy the limits of liability required herein. The Excess/Umbrella policy/policies must provide the same coverages/follow form as the underlying policy/policies.

4) **Umbrella or Excess**

Umbrella or Excess Liability Insurance must be maintained with limits of not less than **\$10,000,000** per occurrence, or the full per occurrence limits of the policy, whichever is greater. The policy/policies must provide the same coverages/follow form as the underlying Commercial General Liability, Automobile Liability, Employers Liability and Completed Operations coverage required herein and expressly provide that the Excess or Umbrella policy/policies will drop down over reduced and/or exhausted aggregate limit, if any, of the underlying insurance. The Excess/Umbrella policy/policies must be primary without the right of contribution by any other insurance or self-insurance maintained by or available to the City.

The Contractor may use a combination of primary and Excess/Umbrella policies to satisfy the limits of liability required under Workers' Compensation, Employer's Liability, Commercial General Liability, and Automobile Liability.

Insurance coverages that begin with "when," "if," or "where," are considered conditional, and it is the Contractor's responsibility to obtain the applicable coverage when performing such work, service, or operation as described in the conditional coverage paragraph(s). If it is determined that conditional coverage is not initially applicable, it is the Contractor's continuing responsibility to update the insurance coverage as needed. If at any time, the Contractor or City determines that a conditional coverage is applicable, the Contractor shall not perform the work, service, or operation in connection with the contract until evidence of all applicable insurance coverage is provided to the City.

5) **Professional Liability (when applicable)**

When any professional consultants perform work, services, or operations in connection with this Agreement, Professional Liability Insurance covering acts, errors, or omissions must be maintained with limits of not less than **\$5,000,000** per claim. Coverage must include, but not be limited to, technology errors and omissions and pollution liability if environmental site assessments are conducted, when applicable. When policies are renewed or replaced, the policy retroactive date must coincide with, or precede start of work under the Agreement. A claims-made policy which is not renewed or replaced must have an extended reporting period of two (2) years.

6) Cyber Liability (Required)

If any personally identifiable information, personally identifiable credit information, or protected health information is collected and maintained by Contractor; Cyber Liability must be maintained with limits of not less than **\$5,000,000** for each occurrence or claim. Coverage must be sufficiently broad to respond to the duties and obligations as is undertaken by Contractor in this Agreement and must include, but not be limited to, the following: invasion of privacy violations, information theft, release of private information, extortion and network security, breach response coverage and cost, regulatory liability including fines and penalties and credit monitoring expenses, denial or loss of service, unauthorized access to or use of computer systems, no exclusion/restriction for unencrypted portable devices/media may be on the policy and introduction, implantation, and/or spread of malicious software code and property damage liability in an amount sufficient to cover the full replacement value of damage to, loss of, alteration of, or destruction of electronic data and/or information property of the City that will be in the care, custody, or control of Contractor must also be included. The City must be named as an indemnified party or additional insured. Should the City be named as an additional insured and the policy contains an insured vs insured exclusion, the exclusion must be amended and not be applicable to the City. A copy of the physical 'Additional Insured' endorsement must accompany the Certificate of Insurance when submitted.

7 Valuable Papers (when applicable)

When any plans, designs, drawings, specifications, media, data, records, reports, and other documents are produced or used under this Agreement, Valuable Papers Insurance must be maintained in an amount to insure against any loss whatsoever and must have limits sufficient to pay for the re-creation and reconstruction of such records.

8) Blanket Crime (when applicable)

When applicable, Contractor must maintain Crime Insurance or equivalent covering all persons handling funds under this Agreement, against loss by employee dishonesty, forgery or alteration, funds transfer fraud, robbery, theft, destruction or disappearance, computer fraud, credit card forgery, and other related crime risks. The policy limit shall be written to cover losses in the amount of the maximum monies collected or received and in the possession of Contractor at any given time under this Agreement.

9) Property (when applicable)

Contractor is responsible for all loss or damage to City property at full replacement cost as a result of the Agreement.

Contractor is responsible for all loss or damage to personal property (including materials, equipment, tools and supplies) owned, rented or used by Contractor.

10) Miscellaneous Medical Professional Liability (when applicable)

When applicable, Miscellaneous Medical Professional Liability Insurance must be maintained or cause to be maintained, covering acts, errors, or omissions related to the supplying of or failure to supply medical services or health care services by paramedics with limits of not less than **\$5,000,00** per claim. When policies are renewed or replaced, the policy retroactive date must coincide with, or precede commencement of medical services under this Agreement. A claims-made policy which is not renewed or replaced must have an extended reporting period of two (2) years.

11) Railroad Protective Liability (when applicable)

When, in connection with this Agreement, any work is to be done within 50 feet adjacent to or on property owned by a railroad or public transit entity, Contractor shall procure and maintain, or cause to be procured and maintained, with respect to the operations that Contractor or any Subcontractor shall perform, railroad protective liability insurance in the name of such railroad or public transit entity. The policy shall have limits of not less than **\$2,000,000** per occurrence, combined single limit, and **\$6,000,000** in the aggregate for losses arising out of injuries to or death of all persons, and for damage to or destruction of property, including the loss of use thereof.

12) Marine Protection & Indemnity (when applicable)

When Contractor undertakes any marine operation in connection with this Agreement, Contractor must provide Marine Protection & Indemnity coverage with limits of not less than **\$1,000,000** per occurrence. Coverage must include, but not be limited to: property damage and bodily injury to third parties, injuries to crew members if not provided through other insurance; damage to wharves, piers and other structures, and collision. The City of Chicago is to be named as an additional insured.

B. Additional Requirements

Evidence of Insurance. Contractor must furnish the City of Chicago, Certificates of Insurance (COI) and additional insured endorsement, or other evidence of insurance, to be in force on the date of this Agreement, and renewal COIs and endorsement, or such similar evidence, if the coverages have an expiration or renewal date occurring during the term of this Agreement. The Contractor must submit evidence of insurance prior to execution of Agreement. The receipt of any COI does not constitute agreement by the City that the insurance requirements in the Agreement have been fully met or that the insurance policies indicated on the COI are in compliance with all requirements of Agreement. The failure of the City to obtain, nor the City's receipt of, or failure to object to a non-complying insurance certificate, endorsement or other insurance evidence from Contractor, its insurance broker(s) and/or insurer(s) will not be construed as a waiver by the City of any of the required insurance provisions. Contractor must advise all insurers of the Agreement provisions regarding insurance. The City in no way warrants that the insurance required herein is sufficient to protect the Contractor for liabilities which may arise from or relate to the Agreement. The City reserves the right to obtain complete, certified copies of any required insurance policies at any time.

Failure to Maintain Insurance. Failure of the Contractor to comply with required coverage and terms and conditions outlined herein will not limit Contractor's liability or responsibility nor does it relieve Contractor of the obligation to provide insurance as specified in this Agreement. Nonfulfillment of the insurance conditions may constitute a violation of the Agreement, and the City retains the right to suspend this Agreement until proper evidence of insurance is provided, or the Agreement may be terminated.

Notice of Material Change, Cancellation or Non-Renewal. Contractor must provide for sixty (60) days prior written notice to be given to the City in the event coverage is substantially changed, canceled or non-renewed and ten (10) days prior written notice for non-payment of premium. A copy of the physical endorsements must accompany the Certificate of Insurance for General Liability, Automobile Liability and Workers Compensation in order to comply with the insurance requirements.

Deductibles and Self-Insured Retentions. Any deductibles or self-insured retentions on referenced insurance coverages must be borne by Contractor.

Waiver of Subrogation. Contractor hereby waives its rights and its insurer(s)' rights of, and agrees to require their insurers to waive their rights of, subrogation against the City under all required insurance herein for any loss arising from or relating to this Agreement. The Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether the City receives a waiver of subrogation endorsement for Contractor's insurer(s).

Contractors Insurance Primary. All insurance required of Contractor under this Agreement shall be endorsed to state that Contractor's insurance policy is primary and not contributory with any insurance carrier by the City.

No Limitation as to Contractor's Liabilities. The coverages and limits furnished by the Contractor in no way limit the Contractor's liabilities and responsibilities specified within the Agreement or by law.

No Contribution by the City. Any insurance or self-insurance programs maintained by the City do not contribute with insurance provided by Contractor under this Agreement.

Insurance not Limited by Indemnification. The required insurance to be carried is not limited by any limitations expressed in the indemnification language in this Agreement or any limitation placed on the indemnity in this Agreement given as a matter of law.

Insurance and Limits Maintained. If Contractor maintains higher limits and/or broader coverage than the minimums shown herein, the City requires and shall be entitled the higher limits and/or broader coverage maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

Joint Venture or Limited Liability Company. If Contractor is a joint venture or limited liability company, the insurance policies must name the joint venture or limited liability company as a named insured.

Other Insurance obtained by Contractor. If Contractor desires additional coverages, the Contractor will be responsible for the acquisition and cost.

Insurance required of Subcontractors. Contractor shall name the Subcontractor(s) as a named insured(s) under Contractor's insurance or Contractor will require each Subcontractor(s) to provide and maintain Commercial General Liability, Commercial Automobile Liability, Worker's Compensation, Employers Liability and Professional Liability Insurance, and when applicable Excess/Umbrella Liability Insurance with coverage at least as broad as in outlined in Section A, Insurance Required. The limits of coverage will be determined by Contractor. Contractor shall determine if Subcontractor(s) must also provide any additional coverage or other coverage outlined in Section A, Insurance Required. The Contractor is responsible for ensuring that each Subcontractor has named the City of Chicago as an additional insured where required, as well as specifically naming the City of Chicago as an additional insured on any endorsement form at least as broad and acceptable to the City. The Contractor is also responsible for ensuring that each Subcontractor has complied with the required coverage and terms and conditions outlined in this Section B, Additional Requirements. When requested by the City, the Contractor must provide to the City Certificates of Insurance and additional

insured endorsements or other evidence of insurance. The City reserves the right to obtain complete, certified copies of any required insurance policies at any time. Failure of the Subcontractor(s) to comply with required coverage and terms and conditions outlined herein will not limit Contractor's liability or responsibility.

City's Right to Modify. Notwithstanding any provisions in the Agreement to the contrary, the City, Department of Finance, Risk Management Division maintains the right to modify, delete, alter or change these requirements.

This Endorsement Changes The Policy. Please Read It Carefully.

**ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS
– PRIMARY AND NONCONTRIBUTORY**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
AS REQUIRED BY WRITTEN CONTRACTS	Location(s) as specified in written contract with the Additional Insured shown in the schedule of this endorsement

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

- (1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
- (2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project

C. With respect to the insurance afforded to these additional insureds, the following is added to SECTION III – Limits of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
 2. Available under the applicable Limits of Insurance shown in the Declarations;
- whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

Policy No.: VBA660129

D. If the contract between the additional insured and you requires that the insurance afforded by this policy be primary and noncontributory, this insurance shall be primary and noncontributory but only as to the general liability policy(ies) where that additional insured is listed as the named insured on the declaration page(s) of such policy(ies).

All other terms and conditions of this policy remain unchanged.

This Endorsement Changes The Policy. Please Read It Carefully.

BLANKET WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

Any person or organization for whom you are required to provide a Waiver of Subrogation on this policy under a written contract which is currently in effect or becoming effective during the term of the policy and executed prior to the "bodily injury", "property damage", or "personal and advertising injury".

The following is added to Paragraph 8. Transfer Of Rights Of Recovery Against Others To Us of Section IV – Conditions:

We waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazard". This waiver applies only to the person or organization shown in the Schedule above.

All other terms and conditions of this policy remain unchanged.

This Endorsement Changes The Policy. Please Read It Carefully.

BLANKET ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

Any person or organization whom you are required to add as an additional insured on this policy under a written contract which is currently in effect or becoming effective during the term of the policy and executed prior to the "bodily injury", "property damage", or "personal and advertising injury".

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

A. SECTION II – Who Is An Insured is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.

B. With respect to the insurance afforded to these additional insureds, the following exclusion is added:

2. Exclusions

This insurance does not apply to "bodily injury" or "property damage" occurring after:

- (1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the site of the covered operations has been completed; or
- (2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

All other terms and conditions of this policy remain unchanged.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

MISSISSIPPI CHANGES – CANCELLATION AND NONRENEWAL

This endorsement modifies insurance provided under the following:

CAPITAL ASSETS PROGRAM (OUTPUT POLICY) COVERAGE PART
 COMMERCIAL AUTO COVERAGE PART
 COMMERCIAL GENERAL LIABILITY COVERAGE PART
 COMMERCIAL LIABILITY UMBRELLA COVERAGE PART
 COMMERCIAL PROPERTY COVERAGE PART
 EMPLOYMENT-RELATED PRACTICES LIABILITY COVERAGE PART
 FARM COVERAGE PART
 FARM UMBRELLA LIABILITY POLICY
 LIQUOR LIABILITY COVERAGE PART
 MEDICAL PROFESSIONAL LIABILITY COVERAGE PART
 POLLUTION LIABILITY COVERAGE PART
 PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

A. Paragraph **7.** is added to the **Cancellation** Common Policy Conditions:

7. If:

- a.** The first Named Insured cancels this policy, we will notify any named creditor loss payee.
- b.** We cancel this policy, we will mail or deliver our written notice of cancellation to any named creditor loss payee in the same manner and at the same time as notification is given to the first Named Insured, as stated in this Condition.

The provisions of Paragraphs **a.** and **b.** above do not apply to any mortgageholder.

B. Paragraphs **f.** and **g.** of the **Mortgageholders** Condition, if any, are replaced by the following:

f. If:

- (1)** The first Named Insured cancels this policy, we will notify the mortgageholder.
- (2)** We cancel this policy, we will give written notice to the mortgageholder at least 30 days before the effective date of cancellation.

We will notify the mortgageholder by mailing or delivering the cancellation notice to the last mailing address known to us. If notice is mailed, proof of mailing will be sufficient proof of notice.

g. If:

- (1)** The first Named Insured does not renew this policy, we will notify the mortgageholder.
- (2)** We decide not to renew this policy, we will give written notice to the mortgageholder at least:
 - (a)** 10 days before an anniversary date or the expiration date of the policy, if the nonrenewal is due to nonpayment of premium; or
 - (b)** 30 days before an anniversary date or the expiration date of the policy, if the nonrenewal is for any other reason.

We will notify the mortgageholder by mailing or delivering the notice of nonrenewal to the last mailing address known to us. If notice is mailed, proof of mailing will be sufficient proof of notice.

C. The following Condition is added and supersedes any provision to the contrary:

NONRENEWAL

- 1.** If the first Named Insured does not renew this policy, we will notify any named creditor loss payee.

2. If we decide not to renew this policy, we will mail or deliver written notice of nonrenewal to the first Named Insured and any named creditor loss payee, at least:

- a. 10 days before the effective date of nonrenewal, if the nonrenewal is due to nonpayment of premium; or
- b. 30 days before an anniversary date or the expiration date of the policy, if the nonrenewal is for any other reason.

We will notify the first Named Insured and any named creditor loss payee by mailing or delivering the notice of nonrenewal to the last mailing address known to us. If notice is mailed, proof of mailing will be sufficient proof of notice.

The provisions of Paragraphs 1. and 2. above do not apply to any mortgageholder.

- D. The requirements for notification of cancellation or nonrenewal of this policy, as stated in Paragraphs A., B. and C. above, supersede any other notification requirements to any named creditor loss payee and any mortgageholder, stated in this policy, including any endorsement attached to the policy.
- E. Any named creditor loss payee and any mortgageholder may elect not to receive notification of cancellation or nonrenewal by providing us with a written release.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

AUTO COVERAGE PLUS ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to the Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- | | |
|---|---|
| <ul style="list-style-type: none"> A. BLANKET ADDITIONAL INSURED B. EMPLOYEE HIRED AUTO C. EMPLOYEES AS INSURED D. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS E. TRAILERS – INCREASED LOAD CAPACITY F. HIRED AUTO PHYSICAL DAMAGE G. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT | <ul style="list-style-type: none"> H. AUDIO, VISUAL AND DATA ELECTRONIC EQUIPMENT – INCREASED LIMIT I. WAIVER OF DEDUCTIBLE – GLASS J. PERSONAL PROPERTY K. AIRBAGS L. AUTO LOAN LEASE GAP M. BLANKET WAIVER OF SUBROGATION |
|---|---|

A. BLANKET ADDITIONAL INSURED

The following is added to Paragraph A.1., **Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to be named as an additional insured is an "insured" for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

B. EMPLOYEE HIRED AUTO

1. The following is added to Paragraph A.1., **Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

An "employee" of yours is an "insured" while operating a covered "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while

performing duties related to the conduct of your business.

2. The following replaces Paragraph b. in B.5., **Other Insurance**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

C. EMPLOYEES AS INSURED

The following is added to Paragraph A.1., **Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

COMMERCIAL AUTO

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

D. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS

1. The following replaces Paragraph A.2.a.(2) of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

(2) Up to \$3,000 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.

2. The following replaces Paragraph A.2.a.(4) of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

(4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

E. TRAILERS – INCREASED LOAD CAPACITY

The following replaces Paragraph C.1. of **SECTION I – COVERED AUTOS**:

1. "Trailers" with a load capacity of 3,000 pounds or less designed primarily for travel on public roads.

F. HIRED AUTO PHYSICAL DAMAGE

The following is added to Paragraph A.4., **Coverage Extensions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

Hired Auto Physical Damage Coverage

If hired "autos" are covered "autos" for Covered Autos Liability Coverage but not covered "autos" for Physical Damage Coverage, and this policy also provides Physical Damage Coverage for an owned "auto", then the Physical Damage Coverage is extended to "autos" that you hire, rent or borrow subject to the following:

(1) The most we will pay for "loss" to any one "auto" that you hire, rent or borrow is the lesser of:

(a) \$50,000;

(b) The actual cash value of the damaged or stolen property as of the time of the "loss"; or

(c) The cost of repairing or replacing the damaged or stolen property with other property of like kind and quality.

(2) An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss".

(3) If a repair or replacement results in better than like kind or quality, we will not pay for the amount of betterment.

(4) A deductible equal to the highest Physical Damage deductible applicable to any owned covered "auto".

(5) This Coverage Extension does not apply to:

(a) Any "auto" that is hired, rented or borrowed with a driver; or

(b) Any "auto" that is hired, rented or borrowed from your "employee".

G. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT

The following replaces the first sentence in Paragraph A.4.a., **Transportation Expenses**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

We will pay up to \$50 per day to a maximum of \$1,500 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type.

H. AUDIO, VISUAL AND DATA ELECTRONIC EQUIPMENT – INCREASED LIMIT

Paragraph C.1.b. of **SECTION III – PHYSICAL DAMAGE COVERAGE** is deleted.

I. WAIVER OF DEDUCTIBLE – GLASS

The following is added to Paragraph D., **Deductible**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

No deductible for a covered "auto" will apply to glass damage if the glass is repaired rather than replaced.

J. PERSONAL PROPERTY

The following is added to Paragraph A.4., **Coverage Extensions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

Personal Property Coverage

We will pay up to \$400 for "loss" to wearing apparel and other personal property which is:

(1) Owned by an "insured"; and

(2) In or on your covered "auto".

This coverage only applies in the event of a total theft of your covered "auto".

No deductibles apply to Personal Property coverage.

K. AIRBAGS

The following is added to Paragraph **B.3., Exclusions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

Exclusion **3.a.** does not apply to "loss" to one or more airbags in a covered "auto" you own that inflate due to a cause other than a cause of "loss" set forth in Paragraphs **A.1.b.** and **A.1.c.**, but only:

- a. If that "auto" is a covered "auto" for Comprehensive Coverage under this policy;
- b. The airbags are not covered under any warranty; and
- c. The airbags were not intentionally inflated.

We will pay up to a maximum of \$1,000 for any one "loss".

L. AUTO LOAN LEASE GAP

The following is added to Paragraph **A.4., Coverage Extensions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

Auto Loan Lease Gap Coverage for Private Passenger Type Vehicles

In the event of a total "loss" to a covered "auto" of the private passenger type shown in the Schedule or Declarations for which Physical Damage Coverage is provided, we will pay any unpaid amount due on the lease or loan for such covered "auto" less the following:

- (1) The amount paid under the Physical Damage Coverage Section of the policy for that "auto"; and

(2) Any:

- (a) Overdue lease or loan payments at the time of the "loss";
- (b) Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;
- (c) Security deposits not returned by the lessor;
- (d) Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchased with the loan or lease; and
- (e) Carry-over balances from previous loans or leases.

M. BLANKET WAIVER OF SUBROGATION

The following replaces Paragraph **A.5., Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

5. Transfer Of Rights Of Recovery Against Others To Us

We waive any right of recovery we may have against any person or organization to the extent required of you by a written contract executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of the operations contemplated by such contract. The waiver applies only to the person or organization designated in such contract.



CERTIFICATE OF FILING FOR
CITY OF CHICAGO ECONOMIC DISCLOSURE STATEMENT

EDS Number: 199093

Date of This Filing: 05/28/2024 01:51 PM

Certificate Printed on: 05/28/2024

Original Filing Date: 05/28/2024 01:51 PM

Disclosing Party: Ron Smith and Associates,
Inc.

Title: Executive Assistant

Filed by: Amera Malz

Matter: Overview of latent print section

Applicant: Ron Smith and Associates, Inc.

Specification #:

Contract #:

The Economic Disclosure Statement referenced above has been electronically filed with the City. Please provide a copy of this Certificate of Filing to your city contact with other required documents pertaining to the Matter. For additional guidance as to when to provide this Certificate and other required documents, please follow instructions provided to you about the Matter or consult with your City contact.

A copy of the EDS may be viewed and printed by visiting <https://webapps1.chicago.gov/eds> and entering the EDS number into the EDS Search. Prior to contract award, the filing is accessible online only to the disclosing party and the City, but is still subject to the Illinois Freedom of Information Act. The filing is visible online to the public after contract award.

P.O. Box 670
Collinsville, MS 39325



Toll Free: 1-866-832-6772
Office: (601) 626-1100
Fax: (601) 626-1122

Ron Smith & Associates, Inc.

www.RonSmithandAssociates.com

December 2, 2024

To whom it may concern,

It is our pleasure to offer the Chicago Police Department continued mentorship of the latent print examiners as well as continued efforts toward independent laboratory accreditation, equipment that will meet laboratory accreditation requirements, and laboratory management mentorship. Below is the cost estimate for these products and services for the calendar years 2025 through 2027. Please note that RS&A does not add any amount to the costs of the equipment.

Total Projected Costs		
Description	Unit Price	Not to exceed
Mentorship program on-site in Chicago	\$127,490.58 / month	\$ 2,294,830.50
Casework overflow out of RS&A headquarters	\$150.00 / hr	\$ 117,000.00
Court testimony of RS&A examiners	\$200 / hr	\$ 150,000.00
RS&A Quality Management Services CPD accreditation	\$7,093 / month	\$ 255,350.00
RS&A increased accreditation costs <i>This is the increased cost the vendor pays ANAB for bringing the CPD latent print comparison examiners under RS&A's accreditation. The cost increases by the number of examiners, so that is why the increased cost occurs due to this contract. It is wrapped into RS&A's current accreditation fees, so CPD will reimburse RS&A for the fees rather than pay ANAB directly.</i>	Flat fee	\$ 6,100.00
ANAB Accreditation Application Fees	flat fee	\$ 57,980.00
IAI membership for CPD comparison examiners	Year 1: \$80 / examiner Year 2: \$90 / examiner	\$ 3,550.00
IAI Annual Training for CPD comparison examiners	Year 1: \$3,000 per examiner Year 2: \$3,500 per examiner	\$ 135,500.00

RS&A increased insurance costs <i>Subsequent years after year 1 compounds annually by 5%. City of Chicago insurance requirements require two years of post-contract coverage.</i>	Year 1: \$35,000.00	\$ 185,854.38
IT infrastructure	\$48,000 / year	\$ 144,000.00
Quality Management Software licenses	Flat fee	\$ 55,575.00
F+F DCS5 photography systems and Crime-Lite Autos	Flat fee	\$ 700,877.89
Firearms section equipment needs	Flat fee	\$ 187,113.51
Evidence unit evidence drying needs	Flat fee	\$ 173,140.00
Projected Total for 36-month Term		\$ 4,466,871.28

Respectfully Submitted



Matthew J. Marvin, CLPE, CFWE
Laboratory Director
Ron Smith and Associates, Inc.

Appendix 1

Thomas Scientific, formerly NCI
7125 Northland Terrace N, Suite 100
Brooklyn Park, MN 55428
orders@ncimicro.com



QUOTATION

Quote #: QU-0866697-B
Date 9/10/2024
Valid Until 3/29/2025

RS&A

Sales Contact

Clayton Bishop
Phone: 312-415-4999
clayton.bishop@thomassci.com

Matt Marvin

mmarvin@ronsmithandassociates.com
601-917-3315

Ivesta 3

Small Form Microscope for Casing Examination

[See Online](#)

Ivesta 3 Stereomicroscope

- Features & Benefits:
 - 9:1 zoom with magnification 6.1x-55x (10x eyepieces, no supplementary lens) – provides field of view up to 37.6mm for fast, accurate inspection
 - 12mm Depth of Field with Fusion Optics; Greenough optical design - provides very flat (plan) field of view and large depth of field
 - Complete apochromatic corrected microscopy system - 35° angle eye tubes - for comfort and convenience
 - 122 mm standard working distance (without lens shield) – ensures excellent accessibility to the samples
 - Resolution up to 250 lp/mm (without supplementary lens, 10x eyepieces), maximum resolution up to 500 lp/mm (2x supplementary lens, 10x eyepieces)
 - Clickstops at 10x, 20x, 30x, 40x and 50x – inspection at specific magnification can be easily repeated
 - Antimicrobial PC/ABS housing with AgTreat™
 - Large range of supplementary lenses as well eyepieces - adapt the optical performance to the application requirements
- Please note, no eyepieces included. Our recommendation is: 10447137 Eyepiece 10x/23B, adj., eyeglasses



Optics Carrier & optical accessories

#	Items	Quantity	List Price	Net Price
10	Ivesta 3 10450983	8	1,980.84	15,846.72
20	Eyepiece 10x/23 adjustable, S-series 10447131	16	131.58	2,105.28
Section Net Subtotal			USD 17,952.00	

Illumination

#	Items	Quantity	List Price	Net Price
30	LED RL - A60 10450476	8	638.52	5,108.16
40	Power cable, 2 m, USA 10445661	8	39.78	318.24
Section Net Subtotal			USD 5,426.40	

Stands

#	Items	Quantity	List Price	Net Price
50	Incident light base, small 10446340	8	192.78	1,542.24
60	Focus drive 300 mm M-Series Routine 10450171	8	487.56	3,900.48
70	Microscope carrier 10450173	8	244.80	1,958.40
Section Net Subtotal			USD 7,401.12	

Accessories

#	Items	Quantity	List Price	Net Price
80	Dust cover antistatic, small 10447039	8	36.72	293.76
Section Net Subtotal			USD 293.76	

Quotation Totals

Sub Total	USD 31,073.28
Chicago's Finest Discount	(8.00%) -2,485.86
Grand Total Excluding Taxes	USD 28,587.42

Terms and Conditions

Currency: USD

Payment Terms: Net 30

Shipping Terms: FOB Warehouse, Prepay-Add

Valid Until: 3/29/2025

Sales Contact

Clayton Bishop

Phone: 312-415-4999

clayton.bishop@thomassci.com

Thank you for choosing Thomas Scientific, formerly NCI, your authorized Leica Distributor. Please make out your purchase order to **Thomas Scientific** and submit to:

Email: sales@ncimicro.com

PH: (888) 559-3312

FX: (763) 559-7372

We also offer financing at competitive rates that can be tailored to meet your cash flow requirements.

Credit Card Orders over \$5000 are subject to a 3% surcharge. Any returns are subject to a 15% Restocking Fee.

Leica's warranty apply for the Leica LMS Goods Sold

Thomas Scientific, formerly NCI.
7125 Northland Terrace N, Suite 100
Brooklyn Park, MN 55428
orders@ncimicro.com

Appendix 2

Thomas Scientific, formerly NCI
7125 Northland Terrace N, Suite 100
Brooklyn Park, MN 55428
orders@ncimicro.com



Quote #: QU-0856180-B
Date 9/10/2024
Valid Until 3/29/2025

QUOTATION

RS&A

Sales Contact

Clayton Bishop
Phone: 312-415-4999
clayton.bishop@thomassci.com

Matt Marvin

mmarvin@ronsmithandassociates.com
601-917-3315

Ivesta 3 (Integrated camera)

[See Online](#)

Ivesta 3 (Integrated camera)

Features & Benefits:

- 9:1 zoom with magnification 6.1x-55x (10x eyepieces, no supplementary lens) – provides field of view up to 37.6mm for fast, accurate inspection
- 12mm Depth of Field with Fusion Optics; Greenough optical design - provides very flat (plan) field of view and large depth of field
- Complete apochromatic corrected microscopy system - 35° angle eye tubes - for comfort and convenience
- 122 mm standard working distance (without lens shield) – ensures excellent accessibility to the samples
- Resolution up to 250 lp/mm (without supplementary lens, 10x eyepieces), maximum resolution up to 500 lp/mm (2x supplementary lens, 10x eyepieces)
- Fully encoded zoom – inspection at specific magnification can be easily repeated
- Antimicrobial PC/ABS housing with AgTreat™
- Large range of supplementary lenses as well eyepieces
- Adapt the optical performance to the application requirements
- Integrated digital color camera with CMOS sensor
- Possible to operate with an 4k HDMI monitor using Enersight OSD
- High definition live image 4k, 60fps, HDR
- JPG images with up to 12 MP
- Camera control via Windows using Enersight Desktop or via tablet/smartphone via Enersight



Mobile application

- Capture images directly to USB Stick
- USB-C connection to PC for Enersight Desktop
- Delivered accessories: HDMI Cable, USB C-A cable, external power supply (without power cord), USB stick.

Please note, no eyepieces included. Our recommendation is: 10447137 Eyepiece 10x/23B, adj., eyeglasses

Optics Carrier & optical accessories

#	Items	Quantity	List Price	Net Price
	Ivesta 3 (Integrated camera)			
	10450981	1	3,752.58	3,752.58
10	<p>Ivesta 3 (Integrated camera)</p> <p>Features & Benefits:</p> <ul style="list-style-type: none"> - 9:1 zoom with magnification 6.1x-55x (10x eyepieces, no supplementary lens) – provides field of view up to 37.6mm for fast, accurate inspection - 12mm Depth of Field with Fusion Optics. Greenough optical design - provides very flat (plan) field of view and large depth of field - Complete apochromatic corrected microscopy system - 35° angle eye tubes - for comfort and convenience - 122 mm standard working distance (without lens shield) – ensures excellent accessibility to the samples - Resolution up to 250 lp/mm (without supplementary lens, 10x eyepieces), maximum resolution up to 500 lp/mm (2x supplementary lens, 10x eyepieces) - Fully encoded zoom – inspection at specific magnification can be easily repeated - Antimicrobial PC/ABS housing with AgTreat™ - Large range of supplementary lenses as well as eyepieces - Adapt the optical performance to the application requirements - Integrated digital color camera with CMOS sensor - Possible to operate with 4k HDMI monitor using Enersight OSD - High definition live image 4k, 60fps, HDR - JPG images with up to 12 MP - Full HD MJPG Video recording with 30 fps - Camera control via Windows using Enersight Desktop or via tablet/smartphone via Enersight Mobile application - Capture images directly to USB Stick - USB-C connection to PC for Enersight Desktop - Delivered accessories: HDMI Cable, USB C-A cable, external power supply (without power cord), USB stick. <p>Please note, no eyepieces included. Our recommendation is: 10447137 Eyepiece 10x/23B, adj., eyeglasses</p>			

#	Items	Quantity	List Price	Net Price
	10"-HDMI Monitor + standard column mount			
	10450924	1	1,289.28	1,289.28
	10"-HDMI Monitor – with standard column mount			
20	<ul style="list-style-type: none"> - Mounts to routine columns from Leica Microsystems - Capacitive touch - Screen Size: 10.1" diagonal - Resolution: 1920x1200 - Aspect Ratio: 16:9 / 16:10 - LCD Brightness: 320 CD/m2 - Contrast: 1000:1 - LCD Brightness: 320 CD/m2 - Viewing Angle: 175/175 deg (H/V) - Operation Voltage: DC 12 V - Operating Temperature: 0°C - 50°C - Dimension: 252 x 157 x 25 mm (Monitor only) - Weight: 535g (only Monitor only) - With universal power supply - HDMI, USB cables included 			
	Eyepiece 10x/23B, adj., eyeglasses			
	10447137	2	209.10	418.20
30	Eyepiece 10x/23B, adjustable diopters, for S-Series, for eyeglasses wearers and non-eyeglass wearers, field number 23, incl. symmetrical eye cup, built in reticle holders			
	Supplementary lens 0.5x			
	10450817	1	575.28	575.28
40	Objective apochromatically corrected 0.5x , working distance 200 mm, 58 mm diameter, M52 thread			
	Power cable, 2 m, USA			
	10445661	1	39.78	39.78
50	Power cable, 2 m, with USA plug			
	Wireless mouse; USB			
	10726491	1	56.41	56.41
60	Wireless mouse			
	• USB			
	Section Net Subtotal			USD 6,131.53

Stands

#	Items	Quantity	List Price	Net Price
70	Focus drive 500 mm M-Series Routine 10450172 Focus drive 500 mm, M-Series Routine, cable channel	1	768.06	768.06
80	Intermediate adapter for TL and IL Base 10450434 Intermediate adapter for TL and IL Base - Adapter to extend the optical axis by 40mm for routine focus drives - To be used with large incident bases 10450049 and transmitted light bases of the TL3000-5000 series	1	216.24	216.24
90	Microscope carrier 10450173 Microscope carrier, for M-, S- and Z-series, interface 76 mm, 2x M5 threads for accessories	1	244.80	244.80
100	Inc. light base, large w. AntiShock feet 10450049 Incident light base, large with AntiShock feet - With stage insert black/white (120 mm) - With honeycomb structure for higher stiffness - AntiShock feet - 4 mounting screws included - Dimensions 320 mm(w) x 417.3 mm(d) x 24 mm(h)	1	612.00	612.00

Section Net Subtotal

USD 1,841.10

Illumination

#	Items	Quantity	List Price	Net Price
110	Power Supply for LED3000/LED5000 10450266 Power Supply for LED3000 and LED5000 illumination series, for stand alone, Input: 100 - 240 Volts Output: 33V, 0.9A, 30W max excl. Power cord	1	149.94	149.94
120	Power cable, 2 m, USA 10445661 Power cable, 2 m, with USA plug	1	39.78	39.78

#	Items	Quantity	List Price	Net Price
	Leica LED3000 SLI 10450508	1	894.54	894.54
130	Leica LED3000 SLI, Spotlight illumination, 2-arm Gooseneck with 300 mm length, with 2 Hi-Power LEDs, ca. 5600K color temperature, control panel with separate gooseneck, 2x CAN bus connection, incl. 0.7 m CAN cable			
	Clamp-combi light guide - routine M-ser 10450570	1	132.60	132.60
140	Clamp for combi light guides on focus drive for routine M-series, also for adaptation of LED3000 SLI, LED5000 SLI - 2x M5 and 1x M3			
Section Net Subtotal			USD 1,216.86	

Accessories

#	Items	Quantity	List Price	Net Price
	Dust cover (40 x 35 x 60), antistatic 10450315	1	80.58	80.58
150	Dust cover (40x35x60cm) antistatic			
Section Net Subtotal			USD 80.58	

Quotation Totals

Sub Total	USD 9,270.07
	(8.00%) -741.61
Grand Total Excluding Taxes	USD 8,528.46

Terms and Conditions

Currency: USD

Payment Terms: Net 30

Shipping Terms: FOB Warehouse, Prepay-Add

Valid Until: 3/29/2025

Sales Contact

Clayton Bishop

Phone: 312-415-4999

clayton.bishop@thomassci.com

Thank you for choosing Thomas Scientific, formerly NCI, your authorized Leica Distributor. Please make out your purchase order to **Thomas Scientific** and submit to:

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PH: (888) 559-3312

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We also offer financing at competitive rates that can be tailored to meet your cash flow requirements.

Credit Card Orders over \$5000 are subject to a 3% surcharge. Any returns are subject to a 15% Restocking Fee.

Leica's warranty apply for the Leica LMS Goods Sold

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7125 Northland Terrace N, Suite 100
Brooklyn Park, MN 55428
orders@ncimicro.com

Appendix 3



17300 Medina Road, Suite 600
Minneapolis, MN 55447 USA
Phone: +1-763-546-8575
Fax: +1-763-546-4369
www.leedsmicro.com

Quotation

prepared for

Ron Smith And Associates
Attn: Matthew Marvin
P.O.Box 670
Collinsville, MO 39325

Project Description:

Leeds Firearms and Tool Marks Comparison Microscope (LCF2) - Qty. 2

Quote Number: 23397, issued by Leeds Precision Instruments, Inc.

This quote is valid from:

September 10, 2024 to March 10, 2025

F.O.B: Destination

Terms: Domestic – NET 30 (with open account)

International – Prepayment in US Funds or Letter of Credit, either
of which is executed prior to the date of shipment of goods.

Delivery: Will ship within 90 days of receipt of a Purchase Order, subject to
acts of God, or other causes beyond the reasonable control of Leeds.

Respectfully submitted for Leeds Precision Instruments, Inc. by:
Patrice Amoapim, Technical Sales Support Rep



17300 Medina Road, Suite 600
 Minneapolis, MN 55447
 Phone: 763-546-8575
 Fax: 763-546-4369

Quote #23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms		Shipping Terms		Quote Valid Until	
Net 30		FOB DEST		3/10/2025	
Item	Qty	U/M	Description	Price	Total
LCF10-OCU1.0	2	ea	<p>PROJECT DESCRIPTION: LEEDS FIREARMS AND TOOL MARKS COMPARISON MICROSCOPE (LCF2) - QTY. 2</p> <p>LCF10 optical system that includes the Leeds' comparison bridge designed with high-quality optics that provide a superior color balanced system, macrozoom optical bodies with 10:1 zoom ratio, and 1x plan apochromat objectives, with the following:</p> <ul style="list-style-type: none"> - Zoom magnification range of 5.6x-56x - 11 Matched magnification click stop positions - ISO 17025:2017 Accredited/NIST Traceable certificate of magnification matching is included with each system. - 22mm Field Number (FN) - 1X Plan Apochromat objective - Working distance (WD) 74mm - Numerical Aperture (NA) 0.110, super depth of focus - Upright unreversed image - Built-in aperture diaphragms - Images can be viewed as 100% right, 100% left, split, or superimposed image dividing-line controller is easily adjusted with one hand, allowing the examiner to sweep the dividing-line from right to left. Dividing line can be eliminated or adjusted to any desired line width. The same centrally located control allows any percentage of the right and left images to be superimposed as well. - Zoom control on both sides of the bodies - Outside-zoom knob indicates total magnification - System is parfocal with the .5X, 1.6X and 2X objectives carrying the "PF" designation. 	31,789.00	63,578.00T

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%)

Total (USD)



17300 Medina Road, Suite 600
 Minneapolis, MN 55447
 Phone: 763-546-8575
 Fax: 763-546-4369

Quote # 23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms		Shipping Terms		Quote Valid Until	
Net 30		FOB DEST		3/10/2025	
Item	Qty	U/M	Description	Price	Total
LCF-3-U137	2	ea	U-TBI-3-CLI; Tilting Binocular Observation Tube, continuously variable eyepiece inclination from 5° to 35°; FN 22 capable; Siedentopf-type dust-free design. Accepts 30mm diameter WH series eyepieces. High transmission coated prisms; antifungal treatment. Graduated interpupillary distance adjustment 50mm-76mm; right eyepiece tube with +/- 5 diopter control.	2,039.00	4,078.00T
LCF-U-IT134C	2	ea	U-TRU; Side port adapter for camera attachment. Two position light path selector: 100% observation/0% camera, or 20% observation/80% camera. Includes FN 22 tube lens and dovetail port to accept U-SPT phototube (cat# 3-U801) or U-TV series CCD camera adapters. Mountable with port to the right, rear or left of the user with binocular observation tube. Mountable to the rear with trinocular observation tube.	1,099.00	2,198.00T
LCF-2-U1007	2	ea	WHN10X-1-7; Widefield Stationary 10X eyepiece for BX/IX with reticle shelf. FN 22, high eyepoint. (was 2-U1007)	293.00	586.00T
LCF-2-U100H6	2	ea	Widefield focusing 10X eyepiece for UIS optics, high eyepoint, field number 22, 30mm diameter; with shelf for 24mm diameter reticle ± 5 Diopter adjustment vernier printed on eyepiece. (was 2-U100H6)	346.00	692.00T
LCF-2-U1026	2	ea	CROSSWHN10X-1-7; Widefield 10X Crosshair Eyepiece, high eyepoint, FN 22; 30mm diameter, focusable top lens with crosshair reticle and alignment pin ± 5 Diopter Adjustment Vernier printed on eyepiece.	459.00	918.00T
LCF2-STATION	2	ea	LCF2 Station - Motorized "Z" column, optical arm, 25" x 36.5" table with motorized height control.	9,989.00	19,978.00T
LCF3-FFOMT	4	ea	Stage mount with fine and coarse focus control	2,733.00	10,932.00T
LCF-FOPOS	4	ea	Focus-mount positioner; 4" X-axis range to change the side-to-side position of the universal bullet holder.	406.00	1,624.00T
LCF-STAGE	4	ea	Horizontal coaxial control X-Y stage, 180mm x 135mm platform with 50mm X-axis and 77mm Y-axis movement. Uniform ball-bearing motion.	2,338.00	9,352.00T

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%)

Total (USD)



17300 Medina Road, Suite 600
 Minneapolis, MN 55447
 Phone: 763-546-8575
 Fax: 763-546-4369

Quote # 23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms	Shipping Terms	Quote Valid Until
Net 30	FOB DEST	3/10/2025

Item	Qty	U/M	Description	Price	Total
LCF3-SCALE	2	ea	LCD Measuring scale, inch/metric, .0005"/0.01mm resolution with bracket kit. Includes ISO 17025:2017 Accredited/NIST Traceable Certification of Scale Accuracy.	890.00	1,780.00T
LCF-COVER	2	ea	Nylon dust cover	0.00	0.00T
MS-LCF-ISO	2	ea	ISO/IEC 17025:2017 accredited calibration, providing certificates of calibration for magnification matching and all measurement functions	0.00	0.00T
SAMPLE HOLDERS					
LCF3-UVLHLR	4	ea	Universal Manipulating Bullet/Shell Holder; with 90 degree vertical to horizontal positioning range. 360 degree rotating chuck with as small as .030" wire to as large as a 10-gauge shotgun shell. This holder allows a shell to be gripped by its inside, or outside, diameter. It can also grip a shell by the extraction groove. This unique holder replaces many special holders, eliminating the additional time required for change over. Includes a mini-platter for sticky wax mounting.	4,233.00	16,932.00T
LCF-PINMTS	2	ea	Set of pin mount pairs, .094", .125", .190", .250".	409.00	818.00T
LCF-PMH	2	ea	Pin mount holder tray	182.00	364.00T
LCF-EPH	2	ea	Third eyepiece holder, attaches to LCF column	155.00	310.00T
LCF-RFLDOC	4	ea	Reflected light holder for document and toolmark examination. Includes tall adjustable stage clips.	225.00	900.00T
FLUORESCENT AND LED LIGHTING					
LCF2-FLRKIT	2	ea	5000K 13W CFL quad-lamp light with articulating support arm and rotating hood to control sample contrast. Kitted as a pair.	1,285.00	2,570.00T
LCF-CF13DD	4	ea	CF13DD/E/850 COMMERCIAL BRAND Quad bulb	14.00	56.00T
LCF-LEDFO	2	ea	Fanless 5700K Led cube illuminator light source/LED light source for use with a fiber optic light guide	958.00	1,916.00T

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%)

Total (USD)



17300 Medina Road, Suite 600
 Minneapolis, MN 55447
 Phone: 763-546-8575
 Fax: 763-546-4369

Quote # 23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms		Shipping Terms		Quote Valid Until	
Net 30		FOB DEST		3/10/2025	
Item	Qty	U/M	Description	Price	Total
LCF-A08520	2	ea	Dual 18" gooseneck light guide with 30" flexible fiber bundle. Mounts directly onto microscope body so that illuminator unit can be located at some distance from the microscope stand.	439.00	878.00T
LCF-A08080	4	ea	Focusing spot lens	55.00	220.00T
LCF-D8080	4	ea	Diffused spot lens	234.00	936.00T
LCF3-COMS5-PKG	2	ea	<p>CMOS5 DIGITAL CAMERA AND COMPUTER Leeds 5MP CMOS camera with SPOT Advanced software, including EDF and HDR.</p> <p>Camera: Sensor: 5 MP CMOS, color mosaic Live framerate: 60+ fps (HD) Full resolution live framerate: 45+ fps (5 MP) HxV pixels: 2448 x 2048 Pixel size: 2.45 um Sensor format: 2/3" Recommended adapter magnification: 0.63x Lens mount: c-mount Computer interface: USB3</p> <p>Software: - SPOT Advanced - High Dynamic Range (HDR) image capture - Manual Extended Depth of Field (EDF) image capture - Calibrated measurements on live preview and image capture including length, perimeter, area, angle, and more - Live image focus indicator - Flatfield correction - User-definable imaging profiles to support different illumination types and imaging preferences - Image flicker reduction</p>	7,115.00	14,230.00T

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%)

Total (USD)



17300 Medina Road, Suite 600
 Minneapolis, MN 55447
 Phone: 763-546-8575
 Fax: 763-546-4369

Quote # 23397

9/10/2024

TO:

RON SMITH AND ASSOCIATES
 ATTN: MATTHEW MARVIN
 P.O.BOX 670
 COLLINSVILLE, MO 39325

Payment Terms		Shipping Terms		Quote Valid Until	
Net 30		FOB DEST		3/10/2025	
Item	Qty	U/M	Description	Price	Total
LCF-DE63BXC	2	ea	0.63X C-Mount for OLYMPUS BX	659.00	1,318.00T
			Subtotal		157,164.00
			8% One time additional discount	-8.00%	-12,573.12
			Subtotal		144,590.88

Respectfully Submitted by: Patrice Amoapim, Technical Sales Support Rep

Sales Tax (0.0%) \$0.00
Total (USD) \$144,590.88



TERMS AND CONDITIONS FOR LEEDS LCF AND LCT MODELS

ORDER TERMS AND ACCEPTANCE: All customer orders are subject to these Terms and Conditions. Any inconsistent or conflicting terms in any purchase order, or other customer communication, cannot supersede or modify these Terms and Conditions, and are expressly rejected. All orders are subject to acceptance by Leeds and no provision of goods or services by Leeds will be deemed to be an acceptance of conflicting or inconsistent terms, or a waiver of these Terms and Conditions.

If the customer is the federal government, a state government, an agency of the federal or state government, or a political subdivision of any state, including, but not limited to, any county, city, or municipality, these Terms and Conditions shall be deemed to be subject to the mandated terms and conditions of any said government as they relate to government purchases.

Any transactions with Leeds for products or services will be governed by the laws of the State of Minnesota applicable to contracts and accepted and to be performed in Minnesota, without regard to applicable conflicts of law principles. Any action relating to any Leeds transactions, or these Terms and Conditions, will be brought in the applicable federal or state courts located in Hennepin County, Minnesota. By placing orders with Leeds, each customer irrevocably submits to the jurisdiction and venue of such courts.

SHIPPING: Leeds will attempt to honor special shipping requests, but reserves the right to select the carrier and manner of shipment. All shipping and delivery dates provided are estimates only, and customer will pay all applicable shipping and handling charges. All products are sold and shipped F.O.B. Plymouth, Minnesota, with title and risk of loss passing to customer upon tender to carrier.

PRICING AND PAYMENT: Prices and applicable discount terms are subject to change without notice, and orders will be filled and shipped at prices confirmed on acceptance. Except as otherwise quoted by Leeds, pricing is exclusive of all applicable sales, use or similar taxes, which will be the sole liability of customer. Without Leeds' prior written consent, payment by credit card is not permitted in excess of \$5000.

If credit is extended, customer agrees that Leeds will be entitled to collect interest on any late payments from date of delivery at the rate of 8% per annum.

PRODUCT ACCEPTANCE: In case of any shortage or product damage, customers must notify delivering carrier and Leeds immediately, and must file a carrier claim within 10 days of receipt. Leeds will provide necessary supporting claim information and documentation on request. Leeds will use best efforts to expedite reorders for missing or damaged products, which will also remain subject to Leeds' Terms and Conditions.

RETURNS AND CANCELLATIONS: Unused and undamaged non-custom products are the only type of products that may be returned, provided that the customer has obtained a written return authorization code from Leeds. All such returns must be requested within 30 days of product receipt. Credit for authorized returns will be issued at current price paid, less freight costs and reasonable restocking fees. Cancellation of orders prior to delivery are subject to the following: i) If items ordered are Leeds' stock items, the order cancellation will be accepted without charge or penalty, ii) If items ordered are special order items by Leeds and Leeds has placed a purchase order with the manufacturer, or if the items ordered include Leeds' customization of products, a reasonable fee may be charged, not to exceed an amount equal to 15% of the customer's purchase price.

LIMITED WARRANTY: Leeds warrants that its LCF Firearms & Toolmarks Comparison Microscope and its LCT Trace Evidence Comparison Microscope, will be free from defects in materials and workmanship, under normal use and service, for a period of five years for mechanical or optical defects and one year for electrical, electronic, or wear-related components, provided, however, that the product is placed, and always kept, in a suitable climate controlled environment that meets Leeds' specifications. The warranty shall begin at installation. If any product proves to be defective within the relevant warranty period, the customer must return the defective product to Leeds.

Leeds Precision Instruments, Inc.
17300 Medina Road, Suite 600
Plymouth, MN 55447-5639
(763) 546-8575
www.leedsmicro.com

Leeds at its sole discretion, will repair, replace, or adjust the defective product, provided that Leeds' investigation and factory inspection disclose that such defect developed under normal and proper use and the product is covered under this limited warranty. Repair, replacement, or adjustment of defective product shall be Leeds' sole obligation and the customer's sole remedy.

Appendix 4

Team Fabrication Inc.

145 Ellicott
PO Box 32
West Falls, NY 14170

Phone (716) 539-1914 **Fax** (716) 655-0426

Quote

Date: 09/10/2024

Customer No.: CHICAGO

Quote No.: 52206

Vendor ID:

Quote To: **RON SMITH & ASSOCIATES INC**

PO BOX 670
9335 HIGHWAY 19 NORTH
Collinsville, MS 39325


Ship To: **CHICAGO POLICE**

3340 W FILLMORE STREET
Chicago, IL 60624

Fax Number Ship Via	F.O.B.	Terms	Sales Person
OUR DELIVERY	Origin	Net 30	

Quantity	Item Number	Description	Unit Price	Amount
1		TEAM TO PERFORM A GENERAL TANK MAINTENANCE REVIEW 1-NEWREPLACEMENT WATER FILTER 1-NEW LID GASKET 2-NEW LID ACTUATORS 2-NEW LID GAS LIFTS NOTE: IF ANY ADDITIONAL PARTS ARE REQUIRED THERE WOULD BE ADDITIONAL CHARGES AND TRAVEL EXPENSES PLUS NEXT DAY SHIPPING *NOT TO EXCEED 3 DAYS TOTAL INCLUDING TRAVEL	5406.75	5406.75
		Quote subtotal		5406.75
		Quote total		5406.75

Appendix 5

Product Price Quote 911241				
To:	Chicago PD	 <small>TOPAIR</small> <small>LIQUID AIR SYSTEMS</small>		
Att:	Lorri Lewis/Matt Marvin	September 11, 2024		
Part Number	Description	Unit price	Qty	Total
EV-190-DL	Duplex Forensic Evidence Drying cabinet, a double working chamber with separate controls, total Ex size -76" x 28" x 75 (193 x 71 x 190 cm) , internal height - 45" (114 cm), Total internal volume - 155 L (2 chambers of 77 L), included accessories- one internal PP shelf, hanging rod.	\$12,300	2	\$24,600
EV-SP-1	Sets of extra filters for EV-150-DL	\$0	4	Included
EV-120-DL	Duplex Forensic Evidence Drying cabinet, a double working chamber with separate controls, total Ex size -48" x 28" x 75 (122x 71 x 190 cm) , internal height - 45" (114 cm), Total internal volume - 100L (2 chambers of 50 L), included accessories- one internal PP shelf, hanging rod. Include 1 set of filters installed.	\$9,000	9	\$81,000
EV-SP-2	Sets of extra filters each for EV-120-DL	\$0	18	Included
EV-090-3	Three small cabinets stacked Include 1 set of filters installed.	\$12,900	3	\$38,700
EV-SP-3	Sets of extra filters each for EV-090-3	\$0	6	Included
CF-300-PP-WI	Polypropylene Walk in ductless fume hood , Outer Dimensions: 118.1"x32.6"x95.3"(3000 x 830 x 2420 mm) Inner Dimensions:117.5"x20"x70.95" (2985 x 590 x 695mm)	\$28,840	1	\$28,840
EV-SP-4	Sets of extra filters each CF-300-PP-WI	\$0	2	Included
Quote is valid through 2025		Total		\$173,140
		Shipping		EXW
		Grand Total		\$173,140
General terms :				
Pick up location :	All prices are FOB Ontario, CA 91761			
Packaging	Honeycomb carton on a pallet (free of charge). <u>Optional</u> wood crate at additional cost.			
Payment terms	Orders Up to \$10,000=100% in advance. Orders over \$10,000 = 50% deposit- 50% before shipment.			
Best regards				
Alex Gieser Sales Manager and Technical Liaison Direct : 1-215-287-4760 Mail: Alex@topairsystems.com www.topairsystems.com				

Appendix 6

Foster and Freeman Quote for DCS5 System



FOSTER-FREEMAN USA INC.
20145 ASHBROOK PLAGE #180
ASHBURN, VA 20147
T: 800 445 5040
F: 888 445 5049
uoffice@fosterfreeman.com



Your Reference: RFQ - DCS5 EXPERT

Our Reference: C102728

Quote Reference: Q216995

Date: March 27, 2024

Page 1 of 18

Ron Smith & Associates
9335 Highway 19 North
Collinsville
MS 39325
USA

Attention of Matt Marvin

QUOTATION Q216995 - FOR THE SUPPLY OF:

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	<p>DCS5 EXPERT FINGERPRINT CAPTURE SYSTEM 120V (DCS5/SYS/EXP/120V)</p> <p>DCS5 STAND, SOFTWARE, COMP, MON, PRINTER AND 8X4 MOUNT (DCS5/KIT/001) Comprising: COPY STAND (NO CAMERA/8X4 MT) (DCS4/STAND)Free-standing copy stand - Transmitted light base, 430 x 350mm, fitted with four 13 watt daylight, high frequency fluorescent lamps for even illumination. - 1.2m column with weight compensation and gear rack height adjustment. NOTE: supplied without camera arm - Removable base plate with magnetic bars for holding exhibits - Dust cover - Incident lighting not included</p> <p>COPY STAND MOUNT (QCL/144X8/ASSY)- Modified Kaiser camera arm with Crime-lite 8x4 base bracket QCL/143x8, Crime-lite 8x4 mount QCL/142x8 and camera mount QCL/141x8 - Allows fully independent adjustment of camera and Crime-lite 8x4 - Suitable for Kaiser's R1 System of columns only - Suits most SLR camera and lens combinations</p> <p>DCS5 FINGERPRINT CAPTURE AND ENHANCEMENT SOFTWARE AUDIT (DCS5/MODULE)Software: Integrated software for fingerprint image capture, validation, enhancement through to final printing at 1:1 - Dedicated application specific toolboxes to simplify the enhancement of fingerprint images. Each toolbox provides enhancements specific to different types of fingerprint treatments and/or backgrounds. Additional enhancement tools are provided for advanced users</p>	1	155,157.48	155,157.48

- Optional Photographic and Chemical Treatment Wizard is also available. Other optional software modules will be offered when available
 - Full forensic audit trail in simple language covering full history of image from image origin to image output
 - Automatic image authentication using 'VeriData iDem'
 - User defined case work management ensures all related images and support files are stored together
 - Archive management allowing backup to CDs, DVDs and network locations. Monitoring of archive status ensures archiving is up to date
 - Pre-calibrated and custom 1:1 image printing with options to print enlargements and non-standard image sizes
 - Simplified image calibration with auto image magnification with for accurate scaling
 - Customised enhancement for third level fingerprint examination, this process will highlight pore and ridge detail giving clear visibility of pore and ridge positions and shapes.
 - Image annotation allowing for the marking of characteristics in fingerprint images.
 - Simultaneous image output to multiple locations including local printers, AFIS and Minilab
 - Administrator settings control allowable user activities
 - Monitor resolution: 1920 x 1200 recommended, 1600 x 900 minimum
 - Operating system: Windows 7 64bit, and Win10.
 - Available languages: English and German (others languages can be provided at extra cost).
- Camera control:
- Supported camera, NIKON D5/DX810 modified for colour/UV and IR imaging
 - Full spectrum, live view, full screen viewing of all images from UV to IR (depending on lens selection)
 - Live view auto and manual tuning of camera white balance
 - Mirror Up camera mode supported
 - Capture preview images as tiff files supported from the camera interface
- Light source support:
- Full on-screen control of Crime-lite 8x4 (MK2 and MK4)
 - Full on-screen control of Crime-lite FLS
- NOTE: DCS5/MODULE WILL SUPPORT THE D700 CAMERA - LIVE IMAGE MODE IS NOT AVAILABLE
(The D3, D3S, D3X are also supported but have no LIVE view)

DCS5 LICENCE WIZARD

(DCS5/WIZARD) Simple to use wizard to guide users through the choices of suitable internationally recognised chemical treatments and photographic techniques for a wide variety of surface and exhibit types.

The results provide illustrated information on the suggested chemical treatments and full instruction on the photographic lighting techniques and camera settings to use for effective fingerprint photography.

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Available languages: English. Others languages can be provided at extra cost.

DCS5 COMPUTER SYSTEM

(DCS5/COMP)Computer (Minimum Specification):
i7 equivalent

16GB RAM

1 x 512Gb SSD

1 x 2TB SATA HDD

DVD RW Drive

6 x USB 2.0 or 3.0 ports rear

Network interface Integrated Gigabit (10/100/1000) via RJ45 connector

Min 512MB Graphics Adaptor (on board or Card)

Minimum display connection VGA

Multimedia Card Reader

external XQD card reader

Windows 10 64 Bit

Wired USB plus Wireless USB Optical Scroll Mouse

2TB external HDD

32" MONITOR

(DCS5/MON32)- 4K monitor with UltraColor

- 32" (viewable 31.5"/80cm

- 4K UHD (3840 x 2160)

IMAGE PRO ANALYSER

(DCS4/PA)Image processing software required as part of DCS 5 installation

Version 7.0.1.699 supplied on CD for compatibility with DCS 5

Licence and hasp valid for version 7.x and lower

Available languages: English

VERIDATA IDEM LICENCE

(DCS4/IDEM)VeriData iDem version 3.00 or later

Provides validation and authentication of original digital images

Available languages: English. Others languages can be provided at extra cost.

Compatible with DCS5

PHOTOGRAPHIC ACCESSORY PACK

(DCSL/D75)Comprising:

Photographic Blackout Cloth (DCSL/049)

- Black rubberised fabric for reducing unwanted ambient light during photography

- Size 1.5m (60") x 1.35m (72") approx.

Air Blower (DCSL/072)

- For removing dust from lenses and camera filters

Lens Cloth (DCSL/073)

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- High quality cleaning cloth ideal for lenses, LCD screens etc.
 - Washable and supplied in a rigid plastic case
- Lens Cleaning Wipes (DCSL074)
- Pack of disposable, lint free wipes for cleaning lenses and camera filters

FUJI ASK400 DIGITAL COLOUR PRINTER
(DCS5/PRIN/ASK400)Printing Method: Dye-Sublimation Thermal Transfer
Gradation: 256 levels (8 bit) per colour (Y, C, M)
Operation for paper exchange: Semi-Auto loading
Virtual 600dpi using high quality and matt finish mode
Dimensions (W X D X H): 10.8 x 17.6 x 6.7in. (275 x 446 x 170mm)
Weight approx.:12kg (26.4lb)
USB interface (rear side): High-Speed USB Ver.2.0 x 1 port (Type B)
Power consumption: 2.4A (220-240VAC, 50/60Hz), 4.6A (120VAC, 50/60Hz)
EMC & Safety & Environment: EMC FCC / CE

PAPER PRINTING PACK FOR FUJI ASK400 - 800 PRINTS
(Quantity x 3.0)
(DCS5/PAPER/ASK400/46)- 2 x Paper rolls and ink ribbons for 400 prints per roll (when cut 4" x 6" (102mm x 152mm) - total 800 prints)
- print size - 4"x6" (102mm x 152mm)

NIKON D6 DIGITAL SLR CAMERA WITH P/SUPPLY AND LEADS FOR DCS5
(DCS5/KIT/002/D6)

Comprising:
NIKON D6 DIGITAL SLR CAMERA WITH ACCESSORIES (DCS5/CAM/D6)- pre configured ready for DCS 5 use
Features include:
Megapixels 20.8
Sensor Format Full Frame
Sensor type CMOS
Sensor size 35.9 mm x 23.9 mm
Max Resolution 5568 x 3712
HD Movie mode 4k possible from separate monitor if required 1080 resolution embedded in DCS5 software
- modified to transmit from UV (365nm) to IR (1,000nm)
Other items included:
- cables and power adaptor

HDMI PVR PC CAPTURE DEVICE
(DCS5/LINDYVCD)- HDMI PVR PC capture device
- seamless picture quality with USB3.0 bandwidth enabling you to capture 1080p video @ 60fps
- part number 2167977



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www.fosterfreeman.com

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CAMERA BUBBLE LEVEL
 (DCS5/LEVEL)Manfrotto 337 hot-shoe two axis bubble level

USB CABLE 3.0 A TO B 3M
 (DCS5/LINDYUSB3)- LINDY USB3.0 A to B cable, 2M long
 - part number 41612

NIKON HDMI CABLE A-C MINI
 (ALM13004)
LINDY 5M USB 3.0 ACTIVE EXTENDER
 (43155)
VELCRO CABLE TIE 150MM (Quantity x 10.0)
 (FEC337-5986)
13MM NYLON S/ADHESIVE CABLE CLIP
 (FEC116-8960)
3 X IR CAMERA FILTERS FOR DCS5

(DCS5/KIT/003)
Comprising:
IR CAMERA FILTER FOR DCS5 72MM WITH ANTI-GLARE COATING 715NM
 (DCS5/IRF1)- schott RG715 long pass filter glass (1% cut-on wavelength at 693nm, nominal)
 - reflective long pass dielectric filter coating deposited on to Schott glass to suppress auto-fluorescent emissions of filter glass
 - maximum anti-glare performance when used with high power light sources
 (note: 70mm diameter glass fitted in 72mm diameter threaded holder)
 - requires step down ring 77mm to 72mm for use with DCS4/LENS/PCE85 (DCS5/SDR77-72)
 - requires step up ring 62mm to 72mm for use with DCS4/LENS/AF105 or QCL273/ (QCL212)
 - requires step up ring 52mm to 72mm for use with DCS5/LENS/UVIR (DCS5/SUR52/72)

NOTE: Adaptors are supplied with the individual lenses

IR CAMERA FILTER FOR DCS5 72MM WITH ANTI-GLARE COATING 780NM
 (DCS5/IRF2)- schott RG780 long pass filter glass (1% cut-on wavelength at 751nm, nominal)
 - reflective long pass dielectric filter coating deposited on to Schott glass to suppress auto-fluorescent emissions of filter glass
 - maximum anti-glare performance when used with high power light sources
 (note: 70mm diameter glass fitted in 72mm diameter threaded holder)
 - requires step down ring 77mm to 72mm for use with DCS4/LENS/PCE85 (DCS5/SDR77-72)
 - requires step up ring 62mm to 72mm for use with DCS4/LENS/AF105 or QCL273 (QCL212)

- requires step up ring 52mm to 72mm for use with
DCS5/LENS/UVIR (DCS5/SUR52/72)

NOTE: Adaptors are supplied with the individual lenses

IR CAMERA FILTER FOR DCS5 72MM 850NM
(DCS5/IRF3)- schott RG850 long pass filter glass (1% cut-on
wavelength at 815nm, nominal)
- reflective long pass dielectric filter coating deposited on to
Schott glass to suppress auto-fluorescent emissions of filter
glass
- maximum anti-glare performance when used with high
power light sources
(note: 70mm diameter glass fitted in 72mm diameter
threaded holder)
- requires step down ring 77mm to 72mm for use with
DCS4/LENS/PCE85 (DCS5/SDR77-72)
- requires step up ring 62mm to 72mm for use with
DCS4/LENS/AF105 or QCL/273 (QCL/212)
- requires step up ring 52mm to 72mm for use with
DCS5/LENS/UVIR (DCS5/SUR52/72)

NOTE: Adaptors are supplied with the individual lenses

72MM MAGNETIC FILTER HOLDERS (Quantity x 3.0)
(DCS5/MAG72H)- Magnetic filter holder for DCS5
- Holds any lens filter with 72mm diameter thread
- Requires Magnetic Lens Adaptor

DCS5 FILTER POUCH
(DCS5/D12)- camera filter pouch
- complete with belt loop, shoulder strap and protective
divider for up to 6 filters
- max filter diameter external 75mm

**ALL LIGHT GUIDES, RINGLIGHTS BACKLIGHT AND CO-
AX BOX**
(DCS5/KIT/004)
Comprising:
RINGLIGHT
(DCSL/024)- 4" Diameter
- Use with polariser ring DCSL/025 (supplied separately)

POLARISER FOR RINGLIGHT
(DCSL/025)- For use with 4" ring light DCSL/024
- Spare ball plungers available

SLOTTED SCREWDRIVER 2X0.3MM TIP 147MM
(DCSL/061)- 2mm blade
- Use for adjusting polarising ring DCSL/025 on 4" ring light
DCSL/024

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LONG GOOSENECK
(DCSL/021) COMBINATION TWIN ARM GOOSENECK
- 450 mm (18") gooseneck with 760 mm (30") bundle
- Use with focussing lenses and polarising caps (supplied separately)

SPOT LENS GOOSENECK (Quantity x 2.0)
(DCSL/022)
POLARISING CAP (Quantity x 2.0)
(DCSL/023)- Fits over gooseneck focussing lens

BACKLIGHT 4X5
(DCSL/026)- Also known as Light Paddle
- 100 x 125 mm (4"x5") illuminated area
- Use with Colour Adaptor DCSL/027 (see below as listed as separate item)

COLOUR ADAPTOR >>>>
(DCSL/027)- Must be used to prevent melting of light fibres when using colour filters
- Fits over protective IR filter on end of light bundle

SINGLE FLEXIBLE FIBRE BUNDLE FOR CRIME-LITE FLS LIGHT SOURCE
(QCL/CI/14)- length 960mm
- connects to QCL/CI/15
Application: used for flexible side illumination

COAX LIGHT BOX FOR CRIME-LITE FLS LIGHT SOURCE
(QCL/CI/15)- must be used with QCL/CI/14
- field of view: 7 x 9cm, focal distance: 8cm
- dims, W: 170mm, L: 235mm, D: 70mm
Application: used for coaxial illumination

DARK FIELD RINGLIGHT
(DCS4/LTDARK)- For radial oblique lighting for 3D indented fingerprint marks, e.g. in dust, putty or hot melt glue
- NSN 6240-99-348-2238

1/16" ALLEN KEY
(RS609-685)
CLAMP SETS FOR DCS5 LIGHT GUIDES AND CRIME-LITE 82S
(DCS5/KIT/005)

Comprising:
FRICTION ARM - MN244N MN244N
(DCSL/041)- Total arm length 53cm
- For use with super clamps DCSL/042 (not supplied)

FLEX ARM HEAVY DUTY 520MM MN237HD
(DCSL/043)- Total arm length 53cm

- For use with super clamps DCSL/042 (not supplied)

MANFROTTO SUPER CLAMP (Quantity x 2.0)
(DCSL/042)- For use with variable friction arm DCSL/041 or flexible arm DCSL/043 (not supplied)

ARM
(DCSL/044)- 6mm threads

BASE
(DCSL/045)- Base for attaching up to three support arms at once (not supplied)
- For arms with M6 threads only
- Weight 3.5 lb

V CLAMP
(DCSL/048)- For general use with small variable friction articulated arm (DCSL/044) for holding light attachments or clamping to bench
- Allows simple support and positioning
- M6 threaded holes

COMBINATION SPANNER 7MM
(rs495-3661)- Combination spanner to secure arm to base

FLS LIGHT SOURCE 400-1000nm
(DCS5/KIT/007)
Comprising:
CRIME-LITE FLS LIGHT SOURCE 400-1000nm
(QCL/CI/12)- Visible/infrared, continuous narrow band illumination 100W halogen lamp filtered by a continuous interference band pass filter from 400 to 1000nm, operated in steps with minimum 1nm providing 600 wavebands with an average band pass width of 40nm
- weight: 2.6Kg
- dims, width: 445mm, depth: 130mm, height: 145mm (including the handles)
- voltage supply: 12V, 10A

NOTE: FROM 20/09/2017 two spare lamps are included

ADAPTOR TO CONNECT DCS5 LIGHT GUIDES TO THE FLS (Quantity x 5.0)
(DCS5/FLSADAP)- FF-223-153-01
- adaptor complete with M3 x 6H GRUB SCREWS x 2
- enables DCS5 light guides to be connected to the FLS

HEXAGONAL 1.5MM TIP SCREW DRIVER
(DCS5/HEXSCREW)- hexagonal 1.5 mm Tip Screwdriver
- RS 243-910

LENS 100MM MACRO LENS AND VISIBLE PASS FILTER
(DCS5/KIT/008)

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Comprising:

**ZEISS PLANAR T 2.0/100 ZF 2 MACRO MILVUS
(DCS/LENS/ZEISSPLANART)VISIBLE PASS FILTER DCS5
(DCS5/VPF2)- visible colour balancing filter for DCS5
62mm 400-700nm
- to be used with DCS4/LENS/AF105 or QCL/273
(note: 60mm diameter glass fitted in 62mm diameter
threaded holder)**

**STEP UP RING 62MM-72MM (Quantity x 3.0)
(QCL/212)- enables 72mm Crime-lite camera filters to fit
62mm diameter lens**

**62MM MAGNETICS LENS ADAPTOR
(DCS5/MAG62A)- Magnetic lens adapter for DCS5
- Mounts to any lens with 62mm diameter thread
- Requires Magnetic Filter Holder**

**62MM MAGNETIC FILTER HOLDERS (Quantity x 2.0)
(DCS5/MAG62H)- Magnetic filter holder for DCS5
- Holds any lens filter with 62mm diameter thread
- Requires Magnetic Lens Adaptor**

**72MM MAGNETIC LENS ADAPTOR
(DCS5/MAG72A)- Magnetic lens adapter for DCS5
- Mounts to any lens with 72mm diameter thread
- Requires Magnetic Filter Holder**

**MAGNETIC CIRCULAR POLARISING FILTER 62MM
(DCS5/MCPF2)**

**STEP DOWN RING 67MM-62MM
(QCL/170)**

**62MM SNAP ON LENS CAP
(SRBCAP62)**

**DCS5 VIS/IR TILT AND SHIFT LENS WITH FILTER AND
ADAPTOR
(DCS5/KIT/009)**

Comprising:

**NIKKOR LENS 85mm PC-E F2.8D TELEPHOTO MANUAL
FOCUS**

(DCS4/LENS/PCE85)For visible and IR applications

Particularly useful for the imaging of fingerprints on curved surfaces where it can be used to control perspective and depth of field to increase the area of focus.

This lens can be used as a general purpose macro lens. It can be used for flat, curved and angled surfaces such as bottles, plastics etc. It can also be used for specular lighting, giving distortion free images on surfaces such as mirrors, shiny cardboard, glass, tin cans etc. Wide F stops will give a very good depth of field. Uses include visible and fluorescence photography.

- 85mm f2.8D telephoto NIKKOR manual focus lens with tilt & shift for perspective Control (PC-E)

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- depth of field control for angled and curved surfaces
- requires extension rings - see DCS4/TUBES
- filter thread size 77mm

CAMERA FILTER STEP DOWN RING 77MM-72MM
(Quantity x 3.0)
(DCS5/SDR77-72)- enables 72mm filter to fit 77mm diameter lens
(for use with DCS4/LENS/PCE85)

VISIBLE PASS FILTER FOR DCS5 77MM 400-700NM
(DCS5/VPF1)- visible colour balancing filter for DCS5 77mm 400-700nm
- to be used with DCS4/LENS/PCE85
(note: 75mm diameter glass fitted in 77mm diameter threaded holder)

77MM LENS ADAPTOR
(DCS5/MAG77A)- Magnetic lens adapter for DCS5
- Mounts to any lens with 77mm diameter thread
- Requires Magnetic Filter Holder

77MM FILTER HOLDERS (Quantity x 2.0)
(DCS5/MAG77H)- Magnetic filter holder for DCS5
- Holds any lens filter with 77mm diameter thread
- Requires Magnetic Lens Adaptor

72MM MAGNETIC LENS ADAPTOR
(DCS5/MAG72A)- Magnetic lens adapter for DCS5
- Mounts to any lens with 72mm diameter thread
- Requires Magnetic Filter Holder

MAGNETIC CIRCULAR POLARISING FILTER 77MM
(DCS5/MCPF1)
DCS5 UV IMAGING LENS UV LIGHTING AND FILTERING
(DCS5/KIT/010)

Comprising:
QUARTZ 60MM APO MACRO LENS
(DCS5/LENS/UVIR) Suitable for all UV, Visible and Infrared applications

R-UV: latent and cyanoacrylate fumed fingerprints on all smooth non-porous surfaces including glossy magazines, plastics and glass. Particularly useful for imaging prints on transparent glass and Perspex.

This lens allows reflective ultra violet imaging @365nm. It will turn many glass surfaces black, remove background interference and improve visibility of superglue images on a multitude of difficult surfaces. It also enables imaging with Infra Red light. This will remove backgrounds on many difficult surfaces and allow visibility of previously invisible blood stains.

It can be used for general macro photography and all visible and fluorescence photography.

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- Coastal optics UV-VIS-IR 60mm APO macro
- 60MM F/4 high performance macro lens with focus correction for UV-IR (310-1100NM)
- precision manual focus
- filter thread size 52mm

UV CAMERA FILTER DCS5

(DCS5/UVF1)- UV camera filter for DCS5 48mm – 330-385mm (DCS5/UVF1)

- high quality dielectric coated filter on UG-11 glass substrate
- 80% peak transmission
- UV transmission from 300-400nm 50% transmission points @ 330nm & 385nm
- UV TRANSMISSION FROM 300-400NM, 50% TRANSMISSION POINTS AT 330NM AND 385NM
- including stepdown adaptor 52mm to 48mm

VISIBLE PASS FILTER

(DCS5/VPF3)- visible colour balancing filter for DCS5 52mm 400-700nm

- to be used with DCS5/LENS/UVIR
- (note: 50mm diameter glass fitted in 52mm diameter threaded holder)

52-72MM STEP UP RING 3MM DEEP (Quantity x 3.0)

(DCS5/SUR52-72)- enables 72mm filter to fit 52mm diameter lens
(for use with DCS5/LENS/UVIR)

52MM LENS ADAPTOR

(DCS5/MAG52A)- Magnetic lens adapter for DCS5

- Mounts to any lens with 52mm diameter thread
- Requires Magnetic Filter Holder

52MM FILTER HOLDERS (Quantity x 3.0)

(DCS5/MAG52H)- Magnetic filter holder for DCS5

- Holds any lens filter with 52mm diameter thread
- Requires Magnetic Lens Adaptor

72MM MAGNETIC LENS ADAPTOR

(DCS5/MAG72A)- Magnetic lens adapter for DCS5

- Mounts to any lens with 72mm diameter thread
- Requires Magnetic Filter Holder

MAGNETIC CIRCULAR POLARISING FILTER 52MM
(DCS5/MCPF3)

CL MAINS ADAPTOR FOR 80,82,42 AND 8X4

(QCL/80)- input voltage: 90-264V AC

- output voltage: 24V DC
- maximum power output: 80W
- dimensions: 168 x 78 x 45mm
- weight: 750g

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**CRIME-LITE 82S PRO UV AND GOGGLE
(QCL82SPRO/UV)- 16 x HIGH EFFICIENCY SURFACE
MOUNT LEDs**

- arranged in 4 clusters of 4 LEDs
 - 10% band width 350-380nm (nominal)
 - peak at 365nm
 - dimmable homogenous light beam
 - Three intensity settings (low, medium, high)
 - dual UV emission warning LEDs and key switch
 - weight: 560g
 - handle dia 43mm, head 53mm x 65mm, overall length 210mm
 - forced air cooling with built in thermal protection
 - designed for use with 18V Lithium Ion batteries (offered separately)
 - battery run time typically 60 minutes (High power), 600 (Low power) (optional AC mains adaptor available for continuous running)
 - compatible with Crime-lite 80 series 24v NiMH batteries (offered separately)
 - flat battery indicator LED
 - information sheet and wavelength output certificate
 - classified to European safety standard EN62471:2008
- Includes 1 x UV protective glasses (QCL2/014)
- fits over glasses
 - 100% UV protection, 1% transmission point @ 406nm
 - classified to EN207
 - optical density of 5.0 (DL5) from 315-398nm
- Note: When used with 5Ah battery (QCL82/008B) run time will be increased to 160 minutes

**EXTENSION TUBE SET
(DCS5/KIT/011)**

Comprising:
KENKO DG NIKON AF EX'ION TUBE SET
(DCS4/TUBES)Comprising:
EXTENSION TUBE SET (DCS4/TUBES)
Kenko DG AF Nikon fit tubes
Tube lengths 12mm, 20mm and 36mm

**CRIME-LITE 8X4 MK2 WHITE LIGHT AND VIS
FLUORESCENCE INC**

(DCS5/KIT/012)
Comprising:
8X4 RINGLIGHT HEAD VERSION 2
(QCL/231X8)Crime-lite 8x4 fitted with 32 high efficiency surface mount LEDs, configured in a ring light for even illumination of up to 96 colour combinations comprising:
- 4 x white LED 400-700nm, 10 intensity and 10 colour temperature settings

- 4 x UV LED peak at 365nm, 10% intensity bandwidth of 350-380nm.
- 4 x violet LED peak at 410nm, 10% intensity bandwidth of 395-425nm.
- 4 x blue LED peak at 445nm, 10% intensity bandwidth of 420-470nm.
- 4 x blue/green LED peak at 475nm, 10% intensity bandwidth of 445-510nm.
- 4 x green LED peak at 520nm, 10% intensity bandwidth of 480-560nm.
- 4 x orange LED peak at 590nm, 10% intensity bandwidth of 570-610nm.
- 4 x red LED peak at 640nm, 10% intensity bandwidth of 600-660nm.

Features include:

- 2 detachable handles to simplify removal of light from copy stand mount
- Optimum working distance 150mm.
- Illumination area at 150mm, 140mm diameter.
- Maximum lens diameter to fit inside ring, 85mm.
- 2 segment digital display.
- 24V DC input
- Classified to EN62471
- Software and USB cable included to enable optional control of Crime-lite 8x4Mk2 from a Windows PC
ADDED APRIL 2017
- camera synchronisation port and lead for Phosphorescence imaging (for use with Phosphorescent fingerprint powders), requires DCS 5 software and Nikon D810/D5 camera

CL MAINS ADAPTOR FOR 80,82,42 AND 8X4

- (QCL/80)- input voltage: 90-264V AC
- output voltage: 24V DC
- maximum power output: 80W
- dimensions: 168 x 78 x 45mm
- weight: 750g

8X4 RINGLIGHT BELLOWS

- (QCL/127X8)- large bellows to enable safe examination of objects
- maximum coverage area – 290 x 225mm, maximum extension - 210mm

8X4 INSPECTION FILTER SET

- (QCL/232X8/SET)- Suitable for visual inspection and photography
- Fluorescence viewing filters - 70mm diameter long pass filter glass fitted into slide mount for Crime-lite 8x4. Anti-glare filters have an additional reflective long pass coating to suppress auto-fluorescent emissions of the filter glass for maximum optical performance when used with high power light sources
- GG420 (1% cut-on 408nm), anti-glare (QCL/230x8)

GG455 (1% cut-on 435nm), anti-glare (QCL/181x8)
GG495 (1% cut-on 476nm), anti-glare (QCL/182x8)
OG515 (1% cut-on 495nm), anti-glare (QCL/183x8)
OG530 (1% cut-on 510nm), anti-glare (QCL/184x8)
OG550 (1% cut-on 529nm), anti-glare (QCL/185x8)
OG570 (1% cut-on 549nm), anti-glare (QCL/186x8)
OG590 (1% cut-on 571nm), anti-glare (QCL/187x8)
RG610 (1% cut-on 593nm), anti-glare (QCL/188x8)
RG630 (1% cut-on 613nm), anti-glare (QCL/189x8)
RG645 (1% cut-on 624nm), anti-glare (QCL/207x8)
- Cross polarising filter - 110mm diameter adjustable
analyser, 70mm fixed analyser (QCL/139x8)

STORAGE CASE FOR SLOT IN FILTERS (QCL/287)

- holds up to 12 x Crime-lite 8x4 filters
- foam inserts

**DCS5 CRIME-LITE 8X4 MK4 FOR IR POWDERS NAT
1AND2 INC VIEW FILT
(DCS5/KIT/013)**

Comprising:

CRIME-LITE 8X4 MK4

(QCL/284X8) Crime-lite 8x4 fitted with 32 high efficiency
surface mount LEDs, configured in a ring light for even
illumination comprising:

- 8 x IR LED 730-800nm.
- 8 x blue LED peak at 445nm, 10% intensity bandwidth of
420-470nm.
- 16 x red LED peak at 640nm, 10% intensity bandwidth of
600-660nm.

Features include:

- 2 detachable handles to simplify removal of light from copy
stand mount
- Optimum working distance 150mm.
- Illumination area at 150mm, 140mm diameter.
- Maximum lens diameter to fit inside ring, 85mm.
- 24V DC input
- Classified to EN62471
- Software and USB cable included to enable optional control
of Crime-lite 8x4Mk2 from a Windows PC

**fpNATURAL 1 IR FINGERPRINT FINGERPRINT POWDER
20G POT (Quantity x 5.0)**

- (QCL/257)- 20g pot of IR fingerprint powder
- homogenised mixture to optimised particle size
 - MSDS materials data safety sheet
 - application guide and imaging instructions
 - Malvern particle size analysis report

**fpNATURAL 2 IR FINGER PRINT POWDER 20G POT
(Quantity x 5.0)**

(OCLJ280)- 20g pot of fpNatural 2 IR (NIR-NIR) fingerprint powder
- IR fluorescent fingerprint powder with intense fluorescence achievable under white, red or NIR illumination and appropriate camera filtering.
- Homogenised mixture to optimised particle size
- MSDS materials data safety sheet
- Application guide and imaging instructions
- Malvern particle size analysis report

RING LIGHT SET MK4 (OCLJ305X8/SET)
LINE LIGHT ATTACHMENT FOR TUNGSTEN HALOGEN LIGHT OR FLS (DCS5/KIT/014)
Comprising:
LIGHT LINE 12 (DCS4/LTLINE) ADAPTOR TO CONNECT DCS5 LIGHT GUIDES TO THE FLS (DCS5/FLSADAP)- FF-223-153-01
- adaptor complete with M3 x 6H GRUB SCREWS x 2
- enables DCS5 light guides to be connected to the FLS

HALOGEN FIBRE OPTIC LIGHT SOURCE BOX AND COLOUR FILTERS (DCS5/KIT/006-120V)
Comprising:
PHILIPS EKE 21V 150W BULB (Quantity x 2.0) (DCSL/002) 21V, 150W
250 hours rated life dependant on operating conditions
NSN 6240-99-667-7669

FILTER CYAN BLUE (DCSL/003)
FILTER-GREEN (DCSL/004)
FILTER YELLOW (DCSL/005)
FILTER- RED (DCSL/006)
FILTER DAYLIGHT (DCSL/007)
FOSTEC LIGHTSOURCE 115V >>>> (DCSL/001/115)- 150W halogen lamp controlled by solid state variable dimmer control (zero to full intensity)
- 115V
For safe operation this product must be connected to a mains socket outlet with a protective earth contact. Do NOT connect this product to an incompatible mains supply.

WURTH 742 711 12 6MM FERRITE (7427112)



FOSTER+FREEMAN USA INC.
 20145 ASHBROOK PLACE #190
 ASHBURN, VA 20147
 T: 800 445 5040
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Your Reference: RFQ - DCS5 EXPERT

Our Reference: C102728

Quote Reference: Q216995

Date: March 27, 2024

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PRO ORGANISER CASE DCS4 TOOLBOX
 (DCSL/060)- Up to 17 compartments using removable
 dividers
 - Size 395 x 305 x 60mm

2	<p>CYLINDRICAL SURFACE UN-WRAPPER CSU-2, MOUNT & UPL (DCS5/KIT/015)</p> <p>CYLINDRICAL SURFACE UN-WRAPPER MK2 (CSU-2)For generating a 2D image from a 3D cylindrical surface. Examples of items are bullets, bullets casings and cartridges, pens/pencils, small screw/torx drivers, syringes etc. Max. Dimensions (mm): 85 x 330 x 110 (W x L x H) - internal and external clamping jaws with locking. - clamping diameter Range: min Ø15- Ø55mm internal diameter, max Ø45mm external diameter - reversible tailstock alignment guide - max length of object as standard: 250mm - 12V Power input - Power output for Polarised Light Tunnel (DCS5/UPL (available separately)) - USB-3 Interface - includes Electronic Digital Vernier Caliper, with Extra-Large LCD Screen and 150mm 0-6" Inch/Metric/Fraction Conversion, Stainless Steel Compatible with Crime-lite Imager and DCS-5 NOTE: THIS GUIDE IS NOW REMOVABLE FOR HOLDING OBJECTS LONGER THAN 250mm IF REQUIRED but this does not increase the 250mm viewing distance between the 2 clamping points.</p> <p>CSU MOUNTING PLATE AND SLIDE (CSU-2/MOUNT)For use with Cylindrical Surface Unwrapper (CSU-2) and Polarised Light Tunnel (DCS5/UPL) For the correct alignment of evidence to be imaged and unwrapped using the CSU-2 Width: 400mm Depth 280mm Height (exc CSU & Handles): 20mm (inc Handles): 40mm Weight: 2.5kg</p> <p>UNIFORM POLARISED LED LIGHT TUNNEL (DCS5/UPL)For use with CSU product. - unit provides uniform polarised led lighting to enhance the capture of prints on cylindrical objects - 8x White LEDs (5000K) - 8x IR LEDs (850nm) - works with LFT treated prints and CA fumed prints - works on shiny surfaces when used with a cross polariser on the camera</p>	1	10,171.61	10,171.61
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Your Reference: RFQ - DCS5 EXPERT

Our Reference: C102728

Quote Reference: Q216995

Date: March 27, 2024

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- Dimensions: Length: 220mm Width: 130mm Height: 142mm Weight: 1.35kg

3	PRODUCT TRAINING	1	13,100.00	13,100.00
	<p>6-day site visit by Foster & Freeman Applications Specialists. Includes unpacking and setup of equipment, followed by comprehensive operator training and optional testing. Training will cover both theory and practical Applications, using realistic samples and scenarios. Equipment safety and maintenance will also be covered. Training and testing certificates provided. Costs are based on two visits and includes associated expenses for the Application Specialist.</p>			
4	SHIPPING AND HANDLING	1	1,000.00	1,000.00

Your Reference: RFQ - DCS5 EXPERT

Our Reference: C102728

Quote Reference: Q216995

Date: March 27, 2024

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TOTAL PRICE	USD	<u>179,429.09</u>
TOTAL TAX	USD	0.00
TOTAL VALUE	USD	<u>179,429.09</u>

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 and local delivery, but excludes local sales tax.

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:

12 months from date of installation

VALIDITY UNTIL:

June 27, 2024

SIGNED:

Alexis Dodson

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

Appendix 6.A

Foster + Freeman Quote for Blue and Green Lasers



FOSTER-FREEMAN USA INC.
20145 ASHBROOK PLACE #100
ASHBURN, VA 20147
T: 855 445 0048
F: 855 443 0049
usa@fco.fosterfreeman.com



Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

Page 1 of 6

Ron Smith & Associates
9335 Highway 19 North
Collinsville
MS 39325
USA

Attention of Matt Marvin

QUOTATION Q216996 - FOR THE SUPPLY OF:

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	<p>CRIME-LITE LASER - BLUE AND GREEN LASER KIT 120V (NON SP) (QCL/LASER/BLUE-GREENKIT120V)</p> <p>CRIME-LITE LASER - BLUE (QCL/LASER/BLUE)- 447nm Blue forensic LASER light source - ~12 Watts optical power. - Provides high-intensity, shadow-free illumination - Triple-interlocked safety features - Advanced functionality via LCD interface</p> <p>HARDWARE FEATURES -Powerful LASER diode array -Ergonomically balanced design -Weight (excluding battery) ~800g (approx.) -Supplied with wrist lanyard and protective end cap</p> <p>LASER SAFETY FEATURES -CLASS 3B LASER product* -Conforms to EN62471 and EN61010-1:2010 standards -Operated via dead man's trigger interlocked safety switch -Pass code activation -Ergonomic beam shutter -Emission indicator LEDs -Interlock bypass plugs -Supplied with safety interlock jack for lab integration</p> <p>INTERFACE -Integrated 1.3" LCD display -Easy to use, push-button operation -Adjustable LASER intensity - Light source 'Self-Test' function - Dark adaptation checker - Battery charge status indicator</p>	1	32,223.96	32,223.96

Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

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Patent Pending. United Kingdom Patent Application No. 2105301.2

*Always ensure that appropriate safety measures are in place before operating a CLASS 3B LASER product
Operators of CLASS 3B LASER products should receive laser safety training.

An appointed Laser Safety Officer (LSO) and written Standard Operating Procedures (SOP) should be required for class 3B laser operation.

Regional rules and restrictions may vary. Please check local LASER usage guidelines before operating a CLASS 3B LASER product.

CRIME-LITE LASER - GREEN

(QCL/LASER/GREEN)- 520nm Green forensic LASER light source

- ~4 Watts optical power.
- Provides high-intensity, shadow-free illumination
- Triple-interlocked safety features
- Advanced functionality via LCD interface

HARDWARE FEATURES

- Powerful LASER diode array
- Ergonomically balanced design
- Weight (excluding battery) ~800g (approx.)
- Supplied with wrist lanyard and protective end cap

LASER SAFETY FEATURES

- CLASS 3B LASER product*
- Conforms to EN62471 and EN61010-1:2010 standards
- Operated via dead man's trigger interlocked safety switch
- Pass code activation
- Ergonomic beam shutter
- Emission indicator LEDs
- Interlock bypass plugs
- Supplied with safety interlock jack for laboratory integration

INTERFACE

- Integrated 1.3" LCD display
- Easy to use, push-button operation
- Adjustable LASER intensity
- Light source 'Self-Test' function
- Dark adaptation checker
- Battery charge status indicator

Patent Pending. United Kingdom Patent Application No. 2105301.2

*Always ensure that appropriate safety measures are in place before operating a CLASS 3B LASER product

Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

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Operators of CLASS 3B LASER products should receive laser safety training.

An appointed Laser Safety Officer (LSO) and written Standard Operating Procedures (SOP) should be required for class 3B laser operation.

Regional rules and restrictions may vary. Please check local LASER usage guidelines before operating a CLASS 3B LASER product.

**CRIME-LITE LASER RECHARGEABLE BATTERY
(Quantity x 3.0)**

(QCL/LASER/ACC/1)- 18V 5Ah Lithium Ion battery

- High capacity
- Individual cell monitoring
- Battery protection circuit
- Battery fuel gauge (4-stage LEDs)

CRIME-LITE LASER MAINS POWER SUPPLY

(QCL/LASER/ACC/6)- Operate the Crime-Lite LASER via AC mains power

CRIME-LITE PRO VISION LASER GOGGLE BLUE - GG495

(QCL/LASER/GG495)- EN207 classified laser goggle for use with Crime-lite Laser Blue, optimised for fluorescence viewing

- maximum anti-glare performance when used with laser light sources
- ergonomic fit to exclude ambient light and optimise fluorescence viewing
- EN207 437-460 D LB4
- Protective hard case included

CRIME-LITE PRO VISION LASER GOGGLE GREEN - OG570

(QCL/LASER/OG570)- EN207 classified laser safety goggles for use with Crime-lite Laser Green, optimized for fluorescent light viewing

- maximum anti-glare performance when using laser light sources
- ergonomic fit to exclude ambient light and optimize fluorescence viewing
- EN207 515-532 D LB45
- Protective hard case included

CRIME-LITE LASER BLUE - OVER SPECTACLE

(QCL/LASER/ACC/11)- EN207 classified polymer laser spectacle for use with Crime-Lite Laser Blue

- ergonomic fit designed to go over spectacles
- EN207 315-460 D LB45
- Supplied in a microfibre bag

Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

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CRIME-LITE LASER GREEN - OVER SPECTACLE
(QCL/LASER/ACC/12)- EN207 classified polymer laser spectacle for use with Crime-Lite Laser Green
- ergonomic fit designed to go over spectacles
- EN207 315-532 D LB6
- Supplied in a microfibre bag

A/G CAMERA FILTER GG495 62MM
(QCL/153)- Schott GG495 long pass filter glass (1% cut-on wavelength at 476nm, nominal)
- reflective long pass coating to suppress auto-fluorescent emissions of filter glass
- maximum anti-glare and optical performance when used with high power light sources
(note: 60mm diameter glass fitted in 62mm diameter threaded holder)

A/G CAMERA FILTER OG570 62MM
(QCL/155)- Schott OG570 long pass filter glass (1% cut-on wavelength at 549nm, nominal)
- reflective long pass coating to suppress auto-fluorescent emissions of filter glass
- maximum anti-glare and optical performance when used with high power light sources
(note: 60mm diameter glass fitted in 62mm diameter threaded holder)

CRIME-LITE LASER CASE - DUAL
(QCL/LASER/CASE/2)- machined foam cut-outs to accommodate 2 x Crime-lite LASER plus batteries and accessories
- rugged, waterproof and shock resistant

CRIME-LITE LASER BATTERY CHARGER 120V
(QCL/LASER/ACC/2/120V)- Rapid charging of Crime-Lite LASER Li-Ion batteries
- Charge status display

CRIME-LITE LASER SELF-TEST CAP
(QCL/LASER/ACC/10)- Self-test end cap for Crime-Lite Laser

CRIME-LITE LASER FIRMWARE CABLE
(QCL/LASER/ACC/14)- Firmware update cable
- USB2.0 A to C

LASER CONTROLLED AREA SIGN (Quantity x 2.0)
(269-163-AW-00)

CRIME-LITE DARK ADAPTATION GOGGLES 190-593NM
(QCL/266)Red forensic dark adaptation glasses (suitable for use with QCL/264)



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Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

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- allows user to retain useable vision whilst still dark adapting the eye prior to fluorescent examinations
- light weight, universal over-glasses fit polycarbonate glasses with adjustable temples, soft touch frame and filtered side-shields for wide field of view
- blocks wavelengths 190-593nm to allow eyes to dark adapt, whilst maintaining vision at red wavelengths
- CE certified to EN207
- allows user the ability to remain dark adapted for interrupted periods of time spent outside of a darkened environment

CRIME-LITE LASER TRIGGER LOCK (269-400-AS-00)
 (Quantity x 2.0)
 (QCL/LASER/ACC/18)

CRIME-LITE LASER TRIPOD ADAPTOR (269-388-AS-00)
 (QCL/LASER/ACC/19)

2	PRODUCT TRAINING	1	2,050.00	2,050.00
	<p>1-day site visit by Foster & Freeman Applications Specialists. Includes unpacking and setup of equipment, followed by comprehensive operator training and optional testing. Training will cover both theory and practical Applications, using realistic samples and scenarios. Equipment safety and maintenance will also be covered. Training and testing certificates provided. Costs are based on a single visit and includes associated expenses for the Application Specialist.</p>			
3	SHIPPING AND HANDLING	1	325.00	325.00



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Your Reference: RFQ - B+G LASER KIT

Our Reference: C102728

Quote Reference: Q216996

Date: March 27, 2024

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TOTAL PRICE	USD	34,598.96
TOTAL TAX	USD	0.00
TOTAL VALUE	USD	34,598.96

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 and local delivery, but excludes local sales tax.

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:

12 months from date of installation

VALIDITY UNTIL:

June 27, 2024

SIGNED:

Alexis Dodson

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

Appendix 6

Foster + Freeman Quote for Crime-Lite Auto



FOSTER+FREEMAN USA INC.
20145 ASHBROOK PLACE #100
ASHBURN, VA 20147
T 888 445 6040
F 888 445 6049
usaoffice@fosterfreeman.com



Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

Page 1 of 9

Ron Smith & Associates
9335 Highway 19 North
Collinsville
MS 39325
USA

Attention of Matt Marvin

QUOTATION Q216997 - FOR THE SUPPLY OF:

LINE	PRODUCT DESCRIPTION	QTY	UNIT PRICE	SUB TOTAL
1	CRIME-LITE AUTO KIT WITH OBLIQUE AND COAX 120V (QCL/AUTO/KIT/SOC120V)	1	42,815.08	42,815.08

CRIME-LITE AUTO KIT 120V CHARGER (QCL/AUTO/KIT120V)
Comprising:
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

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 INTERFACE

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

OPERATING FEATURES

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

Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

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- 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

PRODUCT VERIFICATION LIBRARY (PVL) 1 YEAR SUBSCRIPTION

- One-year free subscription to the foster+freeman Product Verification Library (PVL)
- Two-factor authentication for enhanced security
- Compatible with past and previous version of Chrome, Firefox, Edge, Internet Explorer, and Safari
- Over 18,000 high resolution images of body fluid stains on representative fabric types
- Over 300 high resolution sample overview (entirety) images
- 16 different garment types utilised
- 10 different garment colours of each garment type represented
- 6 different body fluids deposited (blood, saliva, semen, sweat, urine, vaginal material)
- Unique icon driven interface
- All samples and datasets compiled using Human Tissue Authority (HTA) approved body fluids
- All images captured utilising the CL-AUTO
- Multi-spectral examination of all samples recorded (UVA-NIR)
- Results analysed by forensically trained personnel to distinguish stains 'of value'
- Basic image processing utilised to represent casework workflow (greyscale and invert)
- Product Verification Library access via unique login (one user login per Crime-lite AUTO device)
- Dataset(s) can be scrutinised via simple user interface
- Results from the dataset(s) facilitate substantiated decision making at the crime scene and the laboratory
- Product Verification Library enables use of the Crime-lite AUTO to be verified by science
- Quantitative conclusions from the Ground Truth Data allow the generation of pre-sets that are scientifically valid
- Product Verification Library generated pre-sets are integrated within the Crime-lite AUTO



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Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

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- Pre-sets enable the simple, efficient, and effective use of Crime-lite AUTO for the search, detection, and imaging of bodily fluids at the crime scene and in the laboratory.

LED Safety: Crime-lite AUTO is provisionally classified to European safety standard risk group 2 (IEC/EN 62471:2008)

CRIME-LITE AUTO RECHARGEABLE 2Ah BATTERY
(Quantity x 2.0)

(QCL/AUTO/ACC/1)

- 10.8 V 2Ah Lithium Ion battery
- High capacity
- Individual cell monitoring
- Battery protection circuit
- Battery fuel gauge (4-stage LEDs)

CRIME-LITE AUTO RECHARGEABLE 4Ah BATTERY
(QCL/AUTO/ACC/2)

- 10.8 V 4Ah Lithium Ion battery
- High capacity
- Individual cell monitoring
- Battery protection circuit
- Battery fuel gauge (4-stage LEDs)

CRIME-LITE AUTO CARRY CASE
(QCL/AUTO/ACC/4)

- machined foam cut-outs to accommodate Crime-lite AUTO plus batteries and accessories
- rugged, waterproof and shock resistant
- dimensions 430X260X235mm
- weight 2.7kg

CRIME-LITE AUTO SHOULDER/NECK STRAP 257-187-00
(QCL/AUTO/ACC/5)

- Adjustable shoulder/neck strap

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 BATTERY CHARGER

(QCL/AUTO/ACC/3120V)

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

Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

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L-SHAPE FORENSIC SCALE RULE (ASSY DWG 035-106-AS-01)
(DCS/RULE)- L Shaped Forensic Rule

PELI CASE ADDRESS LABEL
(035-102-AW-02)

CRIME-LITE AUTO OBLIQUE LIGHTING RING
ACCESSORY

(QCL/AUTO/ACC/9)- Oblique ring light accessory for use
with CRIME-LITE AUTO
- 5700K White OR UV 365nm (Selectable – one at a time)
- 12 LEDs per wavelength
- Intensity control
- Lighting direction control – Quadrant selection
- Quadrant, wavelength and brightness controls appear on
CRIME-LITE AUTO screen when connected.

CRIME-LITE AUTO COAX LIGHTING ACCESSORY
(QCL/AUTO/ACC/10)- Clip-on accessory module for Crime-
lite Auto

- 5700K diffuse white coaxial light
- On-screen 'on-axis' and 'off-axis' illumination mode control
(0-9)
- On-screen illumination intensity control
- On-screen focus adjustment
- Powered via USB connection to Crime-lite AUTO

INTERACTIVE EVIDENCE SAMPLE KIT

(QCL/AUTO/INT-SAMPLES)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)

- 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)

Your Reference: RFQ - CL AUTO KIT

Our Reference: C102728

Quote Reference: Q216997

Date: March 27, 2024

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- 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)

- 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)



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Our Reference: C102728

Quote Reference: Q216997

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- 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**

2	PRODUCT TRAINING	1	2,050.00	2,050.00
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1-day site visit by Foster & Freeman Applications Specialists. Includes unpacking and setup of equipment, followed by comprehensive operator training and optional testing. Training will cover both theory and practical Applications, using realistic samples and scenarios. Equipment safety and maintenance will also be covered. Training and testing certificates provided. Costs are based on a single visit and includes associated expenses for the Application Specialist.

3	SHIPPING AND HANDLING	1	250.00	250.00
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TOTAL PRICE	USD	45,115.08
TOTAL TAX	USD	0.00
TOTAL VALUE	USD	45,115.08

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 and local delivery, but excludes local sales tax.

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:

24 months from date of installation

VALIDITY UNTIL:

June 27, 2024

SIGNED:

Alexis Dodson

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