



PROFESSIONAL SERVICES AGREEMENT

This Professional Services Agreement (“**Agreement**”) is effective as of the date of last signature below and is between the City of Everett, a Washington municipal corporation (the “**City**”), and the Service Provider identified in the Basic Provisions below (“**Service Provider**”). This Agreement is for the purpose of the Service Provider providing services as set forth in this Agreement. This Agreement includes the Basic Provisions, the attached General Provisions, and the scope of work attachment, if any, referenced in the Basic Provisions.

BASIC PROVISIONS	
Service Provider	Tritech Forensics
	3811 Internatinal Blvd NE, STE 100 Leland, NC 28451-4299
	Phil@tritechusa.com
City Project Manager	Tim Collings
	City of Everett -- Police 3002 Wetmore Ave Everett, WA 98201
	Tcollings@everettwa.gov
Scope of Work (must select one)	<input checked="" type="checkbox"/> Scope of Work is attached. One sentence summary of scope of work is as follows: Shooting incident reconstruction course <input type="checkbox"/> Scope of Work is not attached. Instead, the Scope of Work is as follows: Enter scope of work here. If space here is insufficient, attach scope of work instead.

BASIC PROVISIONS	
Completion Date	April 17, 2026
Eligible Expenses (not-to-exceed)	\$0.00 N/A
Maximum Compensation Amount	<p>\$0.00 No charge for three free students registered by Everett Police Dept.</p> <p>Note: the Maximum Compensation Amount is inclusive of Eligible Expenses.</p>
Method of Payment (must select one)	<p><input type="checkbox"/> Lump Sum paid upon completion of all work.</p> <p><input type="checkbox"/> Payment method is described in scope of work.</p> <p><input checked="" type="checkbox"/> Payment method is as follows: None</p>
State Retirement Systems (must answer both questions)	<p>Does Service Provider have 25 or more employees?</p> <p style="padding-left: 40px;">Answer: Yes</p> <p>If Service Provider has less than 25 employees, did any Service Provider Personnel who will work under this Professional Services Agreement retire under a DRS retirement system?</p> <p style="padding-left: 40px;">Answer: No</p> <p>“DRS retirement system” refers to any of the following Public Employers’ Retirement System (PERS), School Employees’ Retirement System (SERS), Teachers’ Retirement System (TRS), and Law Enforcement Officers and Fire Fighters plan (LEOFF).</p> <p>“Service Provider Personnel” includes Service Provider employees and owners (such as shareholders, partners or members). If Service Provider is a sole proprietor, then “Service Provider Personnel” refers to the sole proprietor.</p>

<p>Willful Wage Violation Certification</p>	<p>If the Maximum Compensation Amount under this Agreement is \$10,000 or greater, then, by signing this Agreement, the Service Provider certifies that, within the five-year period immediately preceding the date of Service Provider's signature, the Service Provider has not been determined by a final and binding citation and notice of assessment issued by the Washington Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of chapter 49.46, 49.48, or 49.52 RCW. This certification covers any entity, however organized, that is substantially identical to Service Provider. Submission of an untrue certification by Service Provider is a material breach and cause for Agreement termination.</p>
<p>Insurance</p>	<p>Service Provider will comply with the Insurance Requirements attached to the General Provisions of this Agreement.</p>

END OF BASIC PROVISIONS

IN WITNESS WHEREOF, the City and Service Provider have executed this Agreement, which includes the above Basic Provisions, the attached General Provisions, and the scope of work attachment, if any, referenced in the Basic Provisions.

**CITY OF EVERETT
WASHINGTON**

TRITECH FORENSICS



Cassie Franklin, Mayor

Signature: Philip Sanfilippo

Name of Signer: Philip Sanfilippo

Signer's Email Address: phil@tritechusa.com

Title of Signer: Training Director

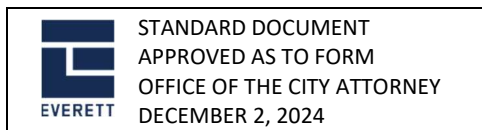
04/11/2026

Date

ATTEST



Office of the City Clerk



ATTACHMENT
PROFESSIONAL SERVICES AGREEMENT
(GENERAL PROVISIONS v.070324)

1. **Engagement of Service Provider.** The City hereby agrees to engage Service Provider, and Service Provider hereby agrees, to perform the work in a competent and professional manner and provide the services described in the Scope of Work. The Scope of Work so identified is hereafter referred to as “Work”. Without a written directive of an authorized representative of the City, Service Provider shall not perform any services that are in addition to, or beyond the scope of, the Work. If Service Provider’s proposal or other document generated by Service Provider is incorporated or attached as an exhibit or part of any exhibit to this Agreement, then such proposal or document is part of this Agreement solely to the extent that it describes the Work, the Work schedule, and the amounts or rates to be paid for such Work, and Service Provider expressly agrees that no terms or conditions from such proposal or document are incorporated or included into this Agreement. In the event of difference or conflict between parts of this Agreement, Service Provider shall be bound by whichever is more stringent on Service Provider.
2. **Intellectual Property Rights.** Unless otherwise expressly agreed in writing, all intellectual property rights in works created pursuant to this Agreement, or for the City of Everett, belong to the City of Everett. To the extent the Work includes material subject to copyright, Service Provider agrees that the Work is done as a “Work For Hire” as that term is defined under U.S. copyright law, and that as a result, the City shall own all copyrights in the Work. To the extent that the Work includes material subject to proprietary right protection but does not qualify as a “Work For Hire” under applicable law, Service Provider hereby assigns to the City all right, title and interest in and to the Work, including all copyrights, patents, trade secrets, and other proprietary rights therein (including renewals thereof). To the maximum extent permitted by law, Service Provider waives all moral rights in the Work. Notwithstanding the foregoing, Service Provider retains any intellectual property rights in works created by Service Provider prior to engagement, or not for its performance of this Agreement. Service Provider expressly represents and warrants that the Work shall be original and shall not infringe on another’s copyright, or rights in trade or service marks. Service Provider agrees to defend and indemnify City from any and all claims and damages arising out of this Agreement or the Work created hereunder.
3. **Time of Beginning and Completion of Performance.** This Agreement shall commence as of the date of mutual execution of this Agreement and the Work shall be completed by Completion Date stated in the Basic Provisions.
4. **Compensation.**
 - A. The City shall pay Service Provider only for completed Work and for services actually rendered which are described herein. Such payment shall be full compensation for Work performed or services rendered, including, but not limited to, all labor, materials, supplies, equipment and incidentals necessary to complete the Work.
 - B. Service Provider shall be paid such amounts and in such manner as described in Basic Provisions.
 - C. Service Provider may receive payment as reimbursement for Eligible Expenses actually incurred. “Eligible Expenses” means those types and amounts of expenses approved for reimbursement by the City. If approval for reimbursement is not obtained from the City prior to Service Provider’s incurring the expense, Service Provider acknowledges that the City retains the option not to reimburse Service Provider. Eligible expenses shall not exceed the amount stated in the Basic Provisions.
 - D. Total compensation, including all services and expenses, shall not exceed the Maximum

Compensation Amount in the Basic Provisions.

- E. If Service Provider fails or refuses to correct its work when so directed by the City, the City may withhold from any payment otherwise due an amount that the City in good faith believes is equal to the cost to the City of correcting, re-procuring, or remedying any damage caused by Service Provider's conduct.
5. **Method of Payment.** Method of payment is as described in the Basic Provisions. All requests for payment must be sent to the City Project Manager Address in the Basic Provisions or such other address as the City Project Manager may designate in writing.
 6. **Submission of Reports and Other Documents.** Service Provider shall submit all reports and other documents as and when specified in the Scope of Work. This information shall be subject to review by the City, and if found to be unacceptable, Service Provider shall correct and deliver to the City any deficient Work at Service Provider's expense with all practical dispatch. Service Provider shall abide by the City's determinations concerning acceptability of Work.
 7. **Termination of Contract.** City reserves the right to terminate this Agreement at any time by sending written notice of termination to Service Provider ("Notice"). The Notice shall specify a termination date ("Termination Date"). The Notice shall be effective ("Notice Date") upon the earlier of either actual receipt by Service Provider (whether by email, mail, delivery or other method reasonably calculated to be received by Service Provider in a reasonably prompt manner) or three calendar days after issuance of the Notice. Upon the Notice Date, Service Provider shall immediately commence to end the Work in a reasonable and orderly manner. Unless terminated for Service Provider's material breach, Service Provider shall be paid or reimbursed for: (a) all hours worked and Eligible Expenses incurred up to the Notice Date, less all payments previously made; and (b) those hours worked and Eligible Expenses incurred after the Notice Date, but prior to the Termination Date, that were reasonably necessary to terminate the Work in an orderly manner. The City does not by this Section waive, release or forego any legal remedy for any violation, breach or non-performance of any of the provision of this Agreement. At its sole option, and without limitation of or prejudice to any other available remedy or recourse, the City may deduct from the final payment due Service Provider (a) any damages, expenses or costs arising out of any such violations, breaches, or non-performance and (b) any other backcharges or credits.
 8. **Changes.** The City may, from time to time, unilaterally change the scope of the services of Service Provider to be performed hereunder. Such changes, including any increase or decrease in the scope of work (and resulting increase or decrease in compensation), shall: (a) be made only in writing and signed by an authorized City representative, (b) be explicitly identified as an amendment to this Agreement and (c) become a part of this Agreement.
 9. **Subletting/Assignment of Contracts.** Service Provider shall not sublet or assign any of the Work without the express, prior written consent of the City.
 10. **Indemnification.** Except as otherwise provided in this Section, Service Provider hereby agrees to defend and indemnify and save harmless the City from any and all Claims arising out of, in connection with, or incident to any negligent or intentional acts, errors, omissions, or conduct by Service Provider (or its employees, agents, representatives or subcontractors/subconsultants) relating to this Agreement, whether such Claims sound in contract, tort, or any other legal theory. Service Provider is obligated to defend and indemnify and save harmless the City pursuant to this Section whether a Claim is asserted directly against the City, or whether it is asserted indirectly against the City, e.g., a Claim is asserted against someone else who then seeks contribution or indemnity from the City. Service Provider's duty to defend and indemnify and save harmless pursuant to this Section is not in any way limited to, or by the extent of, insurance obtained by, obtainable by, or required of Service Provider. Service Provider's obligations under this Section

shall not apply to Claims caused by the sole negligence of the City. If (1) RCW 4.24.115 applies to a particular Claim, and (2) such Claim is caused by or results from the concurrent negligence of (a) Service Provider, its employees, subcontractors/subconsultants or agents and (b) the City, then Service Provider's obligations under this Section shall be only to the extent of Service Provider's negligence. Solely and expressly for the purpose of its duties to indemnify and defend and save harmless the City, Service Provider specifically waives any immunity it may have under the State Industrial Insurance Law, Title 51 RCW. Service Provider recognizes that this waiver of immunity under Title 51 RCW was specifically entered into pursuant to the provisions of RCW 4.24.115 and was the subject of mutual negotiation. As used in this Section: (1) "City" includes the City, the City's officers, employees, agents, and representatives and (2) "Claims" include, but is not limited to, any and all losses, penalties, fines, claims, demands, expenses (including, but not limited to, attorney's fees and litigation expenses), suits, judgments, or damages, irrespective of the type of relief sought or demanded, such as money or injunctive relief, and irrespective of whether the damage alleged is bodily injury, damage to property, economic loss, general damages, special damages, or punitive damages or infringement or misappropriation of any patent, copyright, trade secret, or other proprietary right. If, and to the extent, Service Provider employs or engages subconsultants or subcontractors, then Service Provider shall ensure that each such subconsultant and subcontractor (and subsequent tiers of subconsultants and subcontractors) shall expressly agree to defend and indemnify and save harmless the City to the extent and on the same terms and conditions as Service Provider pursuant to this Section. The provisions of this Section shall survive the termination of this Agreement.

11. **Insurance.** Service Provider shall procure and keep in force during the term of this Agreement, at Service Provider's own cost and expense, automobile liability insurance on all vehicles used by Service Provider in the performance of its duties under this Agreement. Proof of such insurance shall be provided to the City prior to performing any services hereunder. A statement certifying that no vehicle will be used in fulfilling this Agreement may be substituted for this insurance requirement.
12. **Risk of Loss.** Service Provider shall be solely responsible for the safety of its employees, agents and subcontractors in the performance of the work hereunder and shall take all protections reasonably necessary for that purpose. All work shall be done at Service Provider's own risk, and Service Provider shall be solely responsible for any loss of or damage to Service Provider's materials, tools, or other articles used or held for use in connection with the work.
13. **Independent Contractor.**
 - A. This Agreement neither constitutes nor creates an employer-employee relationship. Service Provider must provide services under this Agreement as an independent contractor. Service Provider must comply with all federal and state laws and regulations applicable to independent contractors including, but not limited to, the requirements listed in this Section. Service Provider agrees to indemnify and defend the City from and against any claims, valid or otherwise, made against the City because of these obligations.
 - B. In addition to the other requirements of this Section, if Service Provider is a sole proprietor, Service Provider agrees that Service Provider is not an employee or worker of the City under Chapter 51 of the Revised Code of Washington, Industrial Insurance for the service performed in accordance with this Agreement, by certifying to the following:
 - (1) Service Provider is free from control or direction over the performance of the service; and
 - (2) The service performed is outside the usual course of business for the City, or will not be performed at any place of business of the City, or Service Provider is responsible for the costs of the principal place of business from which the service

- is performed; and
- (3) Service Provider is customarily engaged in an independently established business of the same nature as the service performed, or has a principal place of business for the service performed that is eligible for a business deduction for federal income tax purposes; and
 - (4) On the effective date of this Agreement, Service Provider is responsible for filing a schedule of expenses, for the next applicable filing period, with the internal revenue service for the type of service performed; and
 - (5) By the effective date of this Agreement or within a reasonable time thereafter, Service Provider has established an account with the department of revenue and other state agencies, where required, for the service performed for the payment of all state taxes normally paid by employers and businesses and has registered for and received a unified business identifier number from the state of Washington; and
 - (6) By the effective date of this Agreement, Service Provider is maintaining a separate set of records that reflect all items of income and expenses of the services performed.
- C. Any and all employees of Service Provider, while engaged in the performance of any Work, shall be considered employees of only Service Provider and not employees of the City. Service Provider shall be solely liable for any and all claims that may or might arise under the Worker's Compensation Act on behalf of such employees or Service Provider, while so engaged and for any and all claims made by a third party as a consequence of any negligent act or omission on the part of Service Provider's employees, while so engaged on any of the Work.
- D. Service Provider shall comply with all applicable provisions of the Fair Labor Standards Act and other legislation affecting its employees and the rules and regulations issued thereunder insofar as applicable to its employees and shall at all times save the City free, clear and harmless from all actions, claims, demands and expenses arising out of such act, and rules and regulations that are or may be promulgated in connection therewith.
- E. Service Provider assumes full responsibility for the payment of all payroll taxes, use, sales, income, or other form of taxes (such as state and, city business and occupation taxes), fees, licenses, excises or payments required by any city, federal or state legislation which are now or may during the term of the Agreement be enacted as to all persons employed by Service Provider and as to all duties, activities and requirements by Service Provider in performance of the Work and Service Provider shall assume exclusive liability therefor, and meet all requirements thereunder pursuant to any rules or regulations that are now or may be promulgated in connection therewith.
14. **Employment/Conflict of Interest.** Service Provider warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for Service Provider, to solicit or secure this Agreement and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for Service Provider, any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the City shall have the right to annul this Agreement without liability or, in its discretion, to deduct from the Agreement price or consideration or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee. Further, it is recognized that Service Provider may or will be performing professional services during the term of this Agreement for other parties; however, such performance of other services shall not conflict with or interfere with

Service Provider's ability to perform the Work. Service Provider agrees to resolve any such conflicts of interest in favor of the City.

15. **Audits and Inspections.** At any time during normal business hours and as often as the City may deem necessary, Service Provider shall make available to the City for the City's examination all of Service Provider's records and documents with respect to all matters covered by this Agreement and, furthermore, Service Provider will permit the City to audit, examine and make copies, excerpts or transcripts from such records, and to make audits of all contracts, invoices, materials, payrolls, records of personnel, conditions of employment and other data relating to all matters covered by this Agreement.
16. **City of Everett Business License.** Service Provider agrees to obtain a City of Everett business license prior to performing any work pursuant to this Agreement.
17. **State of Washington Requirements.** Service Provider agrees to register and obtain any State of Washington business licenses, Department of Revenue account and/or unified business identifier number as required by RCW 50.04.140 and 51.08.195 prior to performing any work pursuant to this Agreement.
18. **Compliance with Federal, State and Local Laws.** Service Provider shall comply with and obey all federal, state and local laws, regulations, and ordinances applicable to the operation of its business and to its performance of work hereunder.
19. **Compliance with the Washington State Public Records Act.** Service Provider acknowledges that the City is subject to the Public Records Act, chapter 42.56 RCW (the "Act"). All records owned, used or retained by the City are public records subject to disclosure unless exempt under the Act, whether or not such records are in the possession or control of the City or Service Provider. Service Provider shall cooperate with the City so that the City may comply with all of its obligations under the Act. Within ten (10) days after receipt of notice from the City, Service Provider shall deliver to the City copies of all records relating to this Agreement or relating to the Work that the City determines qualify as the City's public records under the Act. If the City receives a public records request relating to this Agreement or relating to the Work, the City shall seek to provide notice to Service Provider at least ten (10) days before the City releases records pursuant to such public records request, but in no event will the City have any liability to Service Provider for any failure of the City to provide such notice. In addition to its other indemnification and defense obligations under this Agreement, Service Provider shall indemnify and defend the City from and against any and all losses, penalties, fines, claims, demands, expenses (including, but not limited to, attorney's fees and litigation expenses), suits, judgments, or damage arising from or relating to any failure of Service Provider to comply with this Section.
20. **Compliance with Grant/Loan Terms and Conditions.** Service Provider shall comply with any and all terms, conditions, terms and requirements of any federal, state or other agency grant or loan that wholly or partially funds Service Provider's work hereunder. If the grant or loan requires that the agency be a third-party beneficiary to this Agreement, then the agency is a third party beneficiary to this Agreement.
21. **Equal Employment Opportunity.** Service Provider shall not discriminate against any employee, applicant for employment, or other person on the basis of race, color, religion, sex, age, disability, marital state, or national origin or other circumstance prohibited by applicable federal, state, or local law or ordinance. Service Provider shall comply with and shall not violate any applicable provisions of Chapter 49.60 RCW, Title VI of the Civil Rights Act of 1964, and all applicable federal, state, or local law or ordinance regarding non-discrimination.
22. **Waiver.** Any waiver by Service Provider or the City or the breach of any provision of this Agreement by the other party will not operate, or be construed, as a waiver of any subsequent breach by either party or prevent either party from thereafter enforcing any such provisions.

23. **Complete Agreement.** This Agreement contains the complete and integrated understanding and agreement between the parties and supersedes any understanding, agreement or negotiation whether oral or written not set forth herein. The title of this Agreement and the headings used in this Agreement, are for ease of reference only and shall not in any way be construed to limit or alter the meaning of any provision.
24. **Modification of Agreement.** This Agreement may only be modified as provided in Section 8, or by a writing explicitly identified as a modification or amendment of this Agreement that is signed by authorized representatives of the City and Service Provider.
25. **Severability.** If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void, insofar as it is in conflict with said laws, and the remainder of the Agreement shall remain in full force and effect.
26. **Notices.**
 - A. Notices to the City shall be sent to the City Project Manager address in the Basic Provisions.
 - B. Notices to Service Provider shall be sent to its address in the Basic Provisions.
27. **Venue.** Venue for any lawsuit arising out of this Agreement shall be in the Superior Court of Snohomish County, Washington.
28. **Governing Law.** The laws of the State of Washington, without giving effect to principles of conflict of laws, govern all matters arising out of or relating to this Agreement.
29. **City Marks.** Service Provider will not use any trade name, trademark, service mark, or logo of the City (or any name, mark, or logo confusingly similar thereto) in any advertising, promotions, or otherwise, without the City's express prior written consent.
30. **No Personal Liability.** No officer, agent or employee of the City shall be personally responsible for any liability arising under this Agreement, whether expressed or implied, nor for any statement or representation made or in any connection with this Agreement.
31. **Federal Debarment.** Service Provider shall immediately notify the City of any suspension or debarment or other action that excludes Service Provider or any Service Provider subcontractor from participation in Federal contracting. Service Provider shall verify all subcontractors that are intended and/or used by Service Provider for performance of Work are in good standing and are not debarred, suspended or otherwise ineligible by the Federal Government. Debarment shall be verified at <https://www.epls.gov/epls/search.do>. Service Provider shall keep proof of such verification within Service Provider records.
32. **Signature/Counterparts.** This Agreement and any amendment may be signed in counterparts, each of which shall be deemed an original, and all of which, taken together, shall be deemed one and the same document. Signatures with AdobeSign are fully binding. Any ink, electronic, faxed, scanned, photocopied, or similarly reproduced signature on this Agreement or any amendment hereto will be deemed an original signature and will be fully enforceable as an original signature.

**END OF GENERAL PROVISIONS
(v.070324)**

**ATTACHMENT TO GENERAL PROVISIONS
PROFESSIONAL SERVICES AGREEMENT
(INSURANCE REQUIREMENTS)**

A. Service Provider shall comply with the following conditions and procure and keep in force during the term of this Agreement, at Service Provider's own cost and expense, the policies of insurance as set forth in this Section with companies authorized to do business in the State of Washington, which are rated at least "A-" or better and with a numerical rating of no less than seven (7), by A.M. Best Company and which are acceptable to the City.

1. Workers' Compensation Insurance as required by Washington law and Employer's Liability Insurance with limits not less than \$1,000,000 per occurrence. If the City authorizes sublet work, Service Provider shall require each subcontractor to provide Workers' Compensation Insurance for its employees, unless Service Provider covers such employees.

2. Commercial General Liability (CGL) Insurance on an occurrence basis in an amount not less than \$1,000,000 per occurrence and at least \$2,000,000 in the annual aggregate, including but not limited to: premises/operations (including off-site operations), blanket contractual liability and broad form property damage.

B. The above CGL liability policy shall be primary as to the City and shall contain a provision that the policy shall not be canceled or materially changed without 30 days prior written notice to the City. No cancellation provision in any insurance policy shall be construed in derogation of the continuous duty of Service Provider to furnish the required insurance during the term of this Agreement.

C. Upon written request by the City, the insurer or its agent will furnish, prior to or during any Work being performed, a copy of any policy cited above, certified to be a true and complete copy of the original.

D. The Description of Operations on the Certificate of Insurance must substantially read as follows: "The above commercial general and auto liability policies are primary as to the City of Everett; have the City of Everett, its officers, employees, agents, and volunteers as additional insureds; and contain a provision that the policy shall not be canceled or materially changed without 30 days prior written notice to the City of Everett."

E. Prior to Service Provider performing any Work, Service Provider shall provide the City or the City's designee with a Certificate of Insurance acceptable to the City Attorney evidencing the required insurance. Service Provider shall provide the City or the City's designee with either (1) a true copy of an endorsement naming the City of Everett, its officers, employees, agents and volunteers as Additional Insureds on the Commercial General Liability Insurance policy with respect to the operations performed and services provided under this Agreement and that such insurance shall apply as primary insurance on behalf of such Additional Insureds or (2) a true copy of the blanket additional insured clause from the policies. Receipt by the City or the City's designee of any certificate showing less coverage than required is not a waiver of Service Provider's obligations to fulfill the requirements of this Section. No statement on a third-party website (such as a Trustlayer) that a requirement is "waived" or "overridden" is a waiver of Service Provider's obligations to fulfill the requirements of this Section.

F. Service Provider certifies that it is aware of the provisions of Title 51 of the Revised Code of Washington that requires every employer to be insured against liability of Workers' Compensation, or to undertake self-insurance in accordance with the provisions of that Title. Service Provider shall comply with the provisions of Title 51 of the Revised Code of Washington before commencing the performance of the Work. Service Provider shall provide the City with evidence of Workers' Compensation Insurance (or evidence of qualified self-insurance) before any Work is commenced.

G. In case of the breach of any provision of this Section, the City may, at its option and with no obligation to do so, provide and maintain at the expense of Service Provider, such types of insurance in the name of Service Provider, and with such insurers, as the City may deem proper, and may deduct the cost of providing and maintaining such insurance from any sums which may be found or become due to Service Provider under this Agreement or may demand Service Provider to promptly reimburse the City for such cost.

Practical Shooting Incident Reconstruction

The Practical Shooting Incident Reconstruction course is designed for police officers, detectives, criminalists, forensic scientists, and crime scene investigators who would be tasked to investigate a shooting scene. The course focuses on firearms mechanics; ballistic trajectories; how bullets interact with various surfaces; and practical recognition, documentation, processing, and analysis of shooting scene evidence. Students will review real-world cases, investigate mock scenes, and gain experience with empirical testing and experimentation.

This course includes many hands-on experiments and practical exercises.

Topics Include:

- Understanding Internal Ballistics
- Comprehending External Ballistic paths
- Interpreting Terminal Ballistic Damage
- Orientation, sequencing, position, and range of firearm discharge
- Document and reconstruct trajectories
- Location and positioning of victim
- Application of chemical reagents
- Proper use trajectory reconstruction tools and techniques
- Documentation techniques
 - Notes and Reports
 - Diagrams
 - Laser Scanning
 - Photography

Course Outline:

DAY # 1

1. Introduction
2. Pre-Test
3. Crime Scene Analysis and Reconstruction
4. Three Types of Ballistics
5. Components of Cartridge
6. Ballistic damage at the crime scene

DAY # 2

1. Shooting Reconstruction
2. Identifying and Documenting Firearms and Firearms related evidence
3. Processing Firearms Evidence
4. Firearms Discharges Involving Members of Service
5. Chemical Testing

DAY # 3 - RANGE DAY

1. Materials
2. Exercises

DAY # 4

1. Mock Scenes

DAY # 5

1. Report Writing
2. Courtroom Testimony
3. Case Presentations
4. Test

Practical Shooting Reconstruction Course

Hosting Requirements

Facilities:

The host must provide a classroom with a PowerPoint projector that can seat at least 25 students. An area where 4-5 mock scenes can be established is also needed. The host must provide an outdoor firing range where a car can be staged and fired upon. (Normal range day is the third day of the course, but flexibility is recommended in the event of inclement weather.) The host must also provide a range officer or other firearms qualified individual to shoot the targets.

Supplies:

1. Eye and ear protection for up to 25 students on range
2. Substrates:
 - a. Junker car with intact tires and glass – body panels must be sheet metal (not plastic IE. Saturn, Pontiac Fiero)
 - b. Sheetrock (Two Sheets- ½" by 4' by 8')
 - i. One Sheet cut into Eight 2' by 2' squares
 - ii. One Sheet Cut into One 4' by 4' Square and Four 2' by 2' Squares
 - c. Plywood (One Sheet- ¼" by 4' by 8')
 - i. One Sheet cut into Eight 2' by 2' squares
 - d. Standard cinderblock
 - e. Glass
 - i. 2' X 3' (or larger) plate glass
 - ii. 2' X 3' (or larger) plexiglass
 - f. Old clothing (Preferably white t-shirts and blue jeans)
 - g. Flesh analog: Ballistic Gelatin (6" x 6" x 16" or larger) MUST BE COMMECIALLY SOURCED – NOT HOMEMADE
3. Firearms
 - a. 9mm Pistol
 - b. .38 cal. Revolver
 - c. .223 cal. or 5.56mm Rifle
 - d. 30 cal. Rifle (i.e. 7.62 X 39, 7.62 X51, etc.)
 - e. 12 ga. Shotgun
4. Ammunition
 - a. 9mm Round Nose FMJ (50 rds.)
 - b. 9mm Hollow Point (20 rds.)
 - c. .38 Hollow Point (20 rds.)
 - d. Rifle Ammo to fit above rifles (20 rds. Each type)
 - e. 12 ga. Slugs, Birdshot, Buckshot (10 rds. Each type)

Additional Workspace:

This course requires several “break out” areas to facilitate hands on exercises. Mock crime scenes and capstone exercises will be conducted on Thursday afternoon and Friday morning. These areas can be empty classrooms, break room, bathroom, storage closet, outdoor area, garage, etc. Depending on class size, up to eight separate areas may be needed.












PSA Tritech Training Course_2026-04-09_SD

Final Audit Report

2026-04-13


Created:	2026-04-09
By:	Marista Jorve (mjorve@everettwa.gov)
Status:	Signed
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"PSA Tritech Training Course_2026-04-09_SD" History

-  Document created by Marista Jorve (mjorve@everettwa.gov)
2026-04-09 - 11:43:43 PM GMT
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