

Quality Specialists in Bullet Trap and Shooting Range Maintenance September 13, 2016 Plainfield, IL 60585-8796 P 815-254-9554 F 815-254-9558

www.btsranges.com
E-Mail: mail@btsranges.com

12024 S. Aero Drive

MBE Contractor
Asian Minority Owned Business

Deputy Chief Roy Newton Lombard Police Dept. 235 East Wilson Ave Lombard IL 60148

RE:

Bullet Trap Demolition Lombard Police Dept.

BTL#: 16337

Dear Deputy Chief Newton:

The following are proposals for work to be performed on the Lombard Police Dept.'s 5 pt. Venetian Blind bullet trap.

Proposal 1 (Bullet Trap Demolition-Basic Clean)

This proposal is for the demolition of one 5 point Venetian Blind bullet trap. The scope of work is as follows:

- Set up a decontamination unit and regulate the work area.
- Remove, clean, and dispose of gum rubber curtains as general debris.
- Cut the target zone from each curtain and dispose of as lead contaminated hazardous waste.
- Empty collection travs.
- Supply containers and package the spent lead projectiles for recycling.
- Recycle spent lead projectiles.
- Disassemble, clean, and dispose of the bullet trap as a recyclable metal.
- Remove, clean, and dispose of the over-trap as a recyclable metal.
- Remove, clean, and dispose of side-wall deflectors as a recyclable metal.
- If any cutting is needed to disassemble the bullet trap, an additional charge of \$127.00 per hour will be added as a change order to the original contract price.
- The owner will need to provide an area that is located near the entrance of the shooting range to temporarily store a 20 yard dumpster.
- Remove, clean and dispose of one row of ceiling baffles closest to the bullet trap as recyclable metal.
- Dispose of the ceiling tiles from the baffles as lead contaminated hazardous waste.
- HEPA vacuum the shooting range floor.
- Wet-wipe all horizontal and vertical surfaces from the firing line to the back wall and from the bottom
 of the safety ceiling to the floor.
- HEPA vacuum the first 200 sq. ft. of floor outside the entrance to the shooting range.
- Properly package, label, and dispose in UN-DOT approved containers all cleaning supplies and
 personal protective equipment as lead-contaminated hazardous waste created by this project. The
 waste will be disposed of in an EPA approved landfill with the proper manifesting. Please provide
 Best Technology Systems, Inc. with your Federal EPA Identification/USEPA Number.
- Conduct work in accordance with the attached specifications.

The total cost for Proposal 1 will be: \$8,695.00

The range will be closed 4 day(s) for the work to be completed.

Deputy Chief Newton BTL 16337 September 13, 2016 Page Two

Proposal 2 (Remove and Dispose of Target System - In Conjunction)

This proposal is to remove and dispose of the target system in the shooting range. The scope of work is as follows:

- Remove, clean, and dispose of 5 lanes of target tracks, cross braces and target carriers as a recyclable metal.
- Remove, clean, and dispose of the target control panel in the control room as general debris.
- Properly package, label, and dispose of in UN-DOT approved containers all cleaning supplies and personal protective equipment as lead-contaminated hazardous waste created by this project.
- Conduct work in accordance with the attached specifications.

The total cost for Proposal 2 will be: \$1,990.00

Proposal 2 pricing is valid only if work is completed in conjunction with Proposal 1.

The range will be closed 1 day for the work to be completed.

Proposal 3 (Remove and Dispose of Shooters Booths – In Conjunction)

This proposal is to remove and dispose of 6 shooters booths from the shooting range. The scope of work is as follows:

- Remove, clean, and dispose of 6 shooters booths as a recyclable metal.
- Properly package, label, and dispose of in UN-DOT approved containers all cleaning supplies, and personal protective equipment as lead-contaminated hazardous waste created by this project.
- Conduct work in accordance with the attached specifications.

The total cost for Proposal 3 will be: \$2,325.00

Proposal 3 pricing is valid only if work is completed in conjunction with Proposal 1.

The range will be closed 1 day for the work to be completed.

Proposal 4 (Remove and Dispose of Tiles from the Baffles - In Conjunction)

This proposal is to remove and dispose of the tiles from the baffles in the shooting range. The scope of work is as follows:

- Remove, clean, and dispose of 40 tiles from 4 rows of baffles as lead contaminated hazardous waste.
- Properly package, label, and dispose of in UN-DOT approved containers all cleaning supplies, baffle tiles and personal protective equipment as lead-contaminated hazardous waste created by this project.
- Conduct work in accordance with the attached specifications.

The total cost for Proposal 4 will be: \$1,125.00

Proposal 4 pricing is valid only if work is completed in conjunction with Proposal 1.

The range will be closed 1/2 day for the work to be completed.

Deputy Chief Newton BTL 16337 September 13, 2016 Page Three

Proposal 5 (Remove and Dispose of 1 Row of Baffles – In Conjunction)

This proposal is to remove and dispose of 1 row ceiling baffles in the shooting range. The scope of work is as follows:

- Remove, clean, and dispose of 1 row of baffles closest to the bullet trap as a recyclable metal.
- Properly package, label, and dispose in UN-DOT approved containers all cleaning supplies and personal protective equipment as lead-contaminated hazardous waste created by this project.
- Conduct work in accordance with the attached specifications.

The total cost for Proposal 5 will be: \$570.00

Proposal 5 pricing is valid only if work is completed in conjunction with Proposal 1.

The range will be closed 1/2 day for the work to be completed.

Proposal 6 (Wet Clean Range Floor in Preparation for Painting – In Conjunction)

This proposal is to wet clean the shooting range floor to prepare it for painting. The scope of work is as follows:

- Wet clean the floor of the shooting range, 4 times.
- Properly package, label, and dispose in UN-DOT approved containers all contaminated waste water, cleaning supplies and personal protective equipment as lead-contaminated hazardous waste created by this project.
- Conduct work in accordance with the attached specifications.

The total cost for Proposal 6 will be: \$2,665.00

Proposal 6 pricing is valid only if work is completed in conjunction with Proposal 1.

The range will be closed 1/2 day for the work to be completed.

With these proposals, you will receive the following:

- 1. Lead licensed supervisor and workers.
- 2. Both EPA and OSHA guidelines will be implemented.
- 3. Site specific OSHA compliance plan for range maintenance and waste management.
- 4. OSHA air monitoring will be analyzed by a third party laboratory.
- 5. BTS carries commercial general liability insurance of two million dollar limit per occurrence/two million dollar aggregate limit and a two million dollar umbrella policy. If a higher amount is requested, the cost increase will be billed to the client.
- 6. BTS and our subcontractors carry a one million dollar workman's compensation insurance policy. This does not include subrogation. Subrogation can be added at an additional cost.
- 7. A final documentation package will be sent once BTS receives air sampling and final payment. (Allow 2 or 3 months).
- 8. Contractor has over seventeen years servicing bullet traps and shooting ranges.
- 9. Contractor is a factory authorized service and parts distributer for Meggitt Training Systems, Inc.

This quotation is null and void, if not accepted, in writing, and received by Best Technology Systems, Inc. within 90 days of the proposal date and services rendered by March 31, 2016. Any modifications to this contract must be completed in writing and signed by both parties. Failure to properly modify will be considered a breach of contract.

Payment is due within 30 days of the date of the invoice. Late payments will be subject to a fee of 1 ½% per month. The client shall be liable for attorney and other costs incurred to collect our fees.

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If you choose to pay for this service with a credit card, a 3% processing fee will be added to the final invoice.

If you have any questions or comments, please feel free to call me.

Please sign and fax back the attached specification sheet to us at (815) 254-9558 with the proposal(s) of acceptance, or send to Best Technology Systems, Inc. a signed purchase order with the proposal(s) of acceptance.

Regards,

Gary M. Chinn President

GMC/sf Attachment



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www.btsranges.com E-Mail: mail@btsranges.com

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SPECIFICATIONS

FOR CONDUCTING CLEANING/MAINTENANCE WORK IN INDOOR FIRING RANGES CONTAMINATED WITH LEAD

1. Contractor shall have established programs and if requested, shall submit prior to the start of work a copy of the following OSHA required, and other items: Respiratory Protection Program endorsed by a Certified Industrial Hygienist Medical Surveillance Program • Evidence of medical examinations for all workers, including a physician's statement indicating the employee is fit to conduct this type of work Certificates of worker training Reference list demonstrating at least 10 previous projects of similar scope and a minimum of five years' experience in this type of work. 2. Contractor is responsible for complying with the following regulations that govern shooting ranges: 29 CFR 1910.1025 State/Local Regulations that govern shooting ranges 29 CFR 1910.134 40 CFR Parts 261-265 3. Contractor shall provide Customer with commercial/general liability, workmen's compensation and no less than one million dollars in lead pollution liability coverage. Contractor performing repair work, disassembly, re-assembly, alteration and/or return to service 4. for the bullet trap shall be trained and authorized to perform such work by the original equipment manufacturer. JOB NAME: Lombard Police Dept., IL BTL#: ACCEPTED: DATE: If multiple proposals, please state which proposal(s) you are accepting. Proposal 1 Proposal 4 Proposal 5 Proposal 3 Proposal 6

Please fax or email a copy of your tax exempt letter with the expiration date, along with this signed acceptance sheet and/or with your purchase order to:

Federal EPA#:______Tax Exempt #:

Mona Lopez, mlopez@btsranges.com or FX: 815-254-9558



Action Target Inc. Box 636, Provo, UT 84603-0636 801-377-8033 FAX: 801-377-8096

Lombard Police Dept

Quotation: 96314 By: Stephanie Thomas Printed: 2016-Sep-14

Incl	ıde	d Items:	
		Indoor Shooting Range - Scope of Work Proposal 162,600.0 - Based on dimensions of 20' x 110' - (5) 4-foot lanes - Rubber Berm Trap - 2 3/8" AR500 Baffle Rows for Bullet Deflection into the Trap - Fixed Lateral 360 Targets - PEPP Sound Abatement - Freight - Full Factory Installation including Prevailing Wage/Fringe Rates)0
	1	COMPLETE 5 LANE INDOOR RUBBER GRANULAR TRAP - 20' WIDE 0.0 Price includes galvanized steel deck, all legs and bracing, Class A fire-treated granular rubber over entire trap area for .223/.308 depth, trap fins to reduce flow, misc. parts, hardware, shipping, and factory installation.)0
	1	BALLISTIC CEILING BAFFLE SYSTEM FOR CONCRETE LID U.S. Patent #582293 - Two 4-foot rows of 3/8" AR500 baffles to provide ballistic closure into bullet trap.	
	1	Price includes 3/8" AR500 steel, 2" Rubber Panels, fire-treated plywood and furring, and all attachment hardware for a coverage area of 28?x 8? on each side wall, and AR500 deflectors for front edge protection of the combat wall. Price also includes shipping and a full factory installation.)0
	1	COMPLETE MANCOM FIXED LATERAL TARGET SYSTEM (LFR3000) 0.0 Price includes (5) 360 degree turning targets with independent target control, (1) Freedom Wireless Master Control (touch screen), one (1) wireless remote, equipment, software and interfaces, power supply, misc. parts, hardware, shipping, and factory installation)0

	1	SOUND ABSORBING WALL TREATMENT High level sound absorption panels. Tiles are light weight, washable, tack-able, and carry a class A fire rating. 2 inch PEPP panel coverage for rear wall behind the shooter to an 8' height, and 28' of each side wall to a 10' height (720 sq. ft.). Price includes sound wall panels, attachment hardware, shipping, and factory installation.	0.00
1	1	FULL FACTORY INSTALLATION We will furnish an Action Target fully certified crew to install all prior stated equipment. Price DOES reflect mandatory Prevailing Wage Rates.	0.00
	1	Scope of Work Exclusions: 1. Earthwork 2. Concrete work 3. Support structure for baffles and bullet trap 4. Engineering stamps for all hanging points 5. Electrical power, conduits, and hook ups 6. Non-ballistic drop ceiling in range ready area (staging area) 7. Range lighting 8. Utilities 9. Side wall and floor trenches for bullet trap 10. Range ventilation system 11. Finish work inside range (includes painting, floor sealing, signage) 12. Off-loading materials at the job site if prior to the arrival of the ATI installation team 13. Please see the comments section of this proposal for additional information regarding scope of work exclusions and others responsibilities	0.00

Total <u>162,600.00</u>

Payment Terms:

Milestones Schedule

Shipping Terms:

FOB Destination

Installation Terms:

Factory Installation

Terms and Conditions:

You must reference the Order Number above on your purchase order to secure best price. Price will be honored for 60 days from the quotation date if no other date is specified herein. Action Target reserves the right to adjust installation costs based upon the actual site conditions encountered. Unless explicitly itemized, price does not include taxes, bonds, fees, assessments, licenses, mandatory wage requirements or

other regulatory costs which may be applicable to the job site.

Comments:

Proposal includes (1) pre-install site visit, all design and site specific drawings, shipping, and a full ATI factory installation.

Payment terms are:

25% with signed contract 25% payment upon submittal approvals 40% pre-shipment of equipment 10% upon job completion

Important note: Action Target is responsible for collecting sales or use tax in the following states: AL, AZ, CA, FL, GA, HI, IL, IN MN, IA, MS, NC, SD, TN, TX, UT, VA, WA. If work is to be performed in any of these states under a Purchase Order issued as a result of this proposal, any applicable sales or use tax will be added to the accepted proposal. If your organization is federal or state tax exempt, provide a copy of the tax exemption certificate. Otherwise, please include the sales or use tax value on any resulting purchase order.

The above terms and conditions are satisfactory and hereby accepted. In addition, buyer acknowledges he/she has read and understands the items the customer is required to provide, including a lead free work site. Any and all information and data contained herein is the property of Action Target Inc (ATI); and shall not for any reason, whether tangible or intangible, be disclosed, duplicated, or used, in whole or in part, for any reason other than to evaluate this quote.

All product stated herein shall receive a 1-year warranty from the date of install completion and job sign-off.

Jonathan Ingalls Range Consultant 1-801-705-9109 jingalls@actiontarget.com www.actiontarget.com



8201 W 183rd St; Suite B Tinley Park, IL 60487 Phone: 708-532-2449 Fax: 708-429-2150 Website: careyscentral.com

October 15, 2016

Lombard Police Department 235 East Wilson Avenue Lombard, IL 60148

Attn.: Roy Newton

RE: Small Arms Range Survey and plan review

Roy,

Thanks for the opportunity to review the ventilation and general conditions of the range. Please see below for my site review comments.

General Site Review:

- ✓ Range Width 20' wide.
- ✓ Air is supplied using a plenum wall (approximately 24" wide).
- ✓ There are five shooting positions.
- ✓ The floor drops 3" approximately 66" from the firing line.
- ✓ Safety ceiling is 8' at the firing line.
- ✓ Ceiling past the safety ceiling is at 10'.
- ✓ The outside air unit is heated and cooled and mixes with return air. The
 outside air unit is rated at 3,600 CFM.
- ✓ The return air unit is rated at 9.500 CFM.
- ✓ The exhaust is rated at 4,000 CFM.
- ✓ NIOSH suggested supply is 12,000 / CFM and exhaust / return is 13,200 CFM. This is based on an average velocity of 75 feet per minute. The design and actual air flow is very close to NIOSH suggested design.
- ✓ The range seemed slightly negative. It is difficult to get a good reading across a plenum wall.
- ✓ Firing line velocity profile is shown below:

Lane	1	2	3	4	5
5'	0	72	76	120	171
3'	61	39	93	0	99
1'	73	77	102	0	111

Average 72 FPM

Range Ventilation Standards:

Carey's Heating & Air Conditioning, Inc. has designed and built hundreds of small arms range ventilation systems since 1995. There are three main purposes for properly ventilating a small arms range.

- 1. The primary purpose for the ventilation of an indoor firing range is to remove contaminates created during the firing of a weapon from the respiratory zone of the occupants. Exploding primers containing lead styphnate and friction from the lead slug against the gun barrel create airborne lead. There is also carbon monoxide as well as other contaminates created during the firing of a weapon.
- 2. The second and equally important reason for the properly designed and installed ventilation and control system is to keep the range at a negative pressure to the surrounding base building space. Contaminates created on a small arms range need to be contained in the range space. This will prevent the ingestion of contaminates as well as keeping the surfaces free of contaminates in non-range spaces of the base building.
- 3. The final purpose is to remove the smoke from the range for properly seeing the targets.

The following is a summary of the EPA, NIOSH and OSHA standards as they apply to small arms range ventilation:

EPA:

TITLE 40--PROTECTION OF ENVIRONMENT CHAPTER I--ENVIRONMENTAL PROTECTION AGENCY PART 50--NATIONAL PRIMARY AND SECONDARY AMBIENT AIR QUALITY STANDARDS--Table of Contents Sec. 50.12 National primary and secondary ambient air quality standards for lead. National primary and secondary ambient air quality standards for lead and its compounds, measured as elemental lead by a reference method based on appendix G to this part, or by an equivalent method, are: 1.5 micrograms per cubic meter, maximum arithmetic mean averaged over a calendar quarter. (Secs. 109, 301(a) Clean Air Act as amended (42 U.S.C. 7409, 7601(a)))

NIOSH and OSHA:

Established by NIOSH, the performance intent for firing range ventilation systems shall meet all the requirements outlined as recommendations and design considerations in HEW publication no. (NIOSH) 76-130, dated December, 1975, entitled "Lead Exposure Design Considerations for Indoor Firing Ranges". This design standard prefers an air flow velocity of 75 feet per minute average on the empty range. This design has consistently provided for the compliance within the established federal standards for airborne inorganic lead concentration limits.

When properly executed, lead concentrations are consistently maintained below the action level of 30 micrograms per cubic meter (30ug/m3) in an area where the limit shall not exceed 50 micrograms of lead per cubic meter (50ug/m3) of air over a time weighted average of eight hours as measured at the respiration zone of the shooters and the range officer when firing from the firing booths per OSHA 29 CFR, 1910,1025 and 1926,62.

Summary and Suggestions:

The overall design and field conditions looked good. There is too much stored on range and we think this is adding to the balance issues at the firing line. We suggest that everything possible is removed from the range and that the air is reread and balanced. The price for a re-balance would be \$1,750.00.

Please let me know if there are any questions.

Respectfully.

William J. Provencher, President - CEO Carey's Heating and Air Conditioning, Inc.





Shooting Range Industries LLC 3885 RockBottom Street N. Las Vegas, NV 89030 702-362-3623 x.405 Attn: Craig Mackey

Lombard, IL. Police Dept. 5 pt. Indoor Range Renovation 11.09.16 SRI Quote #14-323C

SRI Range Equipment Products

Item #	<u>Description</u>	Qty		Unit Price		Total
SRI_RT-24	24' Wide Rubber Bullet Trap with no rear access.	1	s	32.737.90	s	32,737.90
Safety Baffles	2 additional rows of 3/8" safety baffles installed down range in front of bullet trap with plywood and BRT facing-12 plates total	1	\$	12.458.12		12.458.12
Sidewall Armor	3/8" Armor plate installed down range from front of bullet trap back up range 20' with plywood and BRT facing	1	\$	13,783.46		13.783.46
Shooting Stalls	Shooting Stalls complete with swing up counter-top and barricade	5	\$	4,615.50	\$	23,077.50
TRS-SRI-75-HR	Non-turning SRI Target Retrieval System, w/ 75' of track	5	\$	4,335.00	\$	21,675.00
Installation	Installation of the above range equipment after product is delivered and unloaded inside the range (mid range) prior to the arrival of SRI installation crew.	1	\$	45,446.15	\$	45,446.15
Drawing / NRE Fees	Drawing and Non-Recurring Engineering Fee	1	\$	4,200.00	\$	4,200.00
Freight Estimate	Freight from N. Las Vegas, NV. USA to Lombard, IL. (1788 Miles)	1	\$	4,980.00	\$	4,980.00
	SRI Quote #14-323C CONFIGURATION TO	OTAL:	\$			158,358.13 US

Proposal #14-323C GRAND TOTAL: \$ 158,358.13 USD

Option:

ADV-SRI-75-HR

Advanced programmable 360° turning self-propelled Target Retrieval System, w/ 75' of track.

(Note: Grand Total includes deduction of standard non-turning target system from above)

5 \$ 14,500.00 <u>\$ 72,500.00</u> GRAND TOTAL w/ Option: \$ 209,183.13

Note: Owner/Buyers Responsibilities:

- 1. Range to be prepared for installation of the new range equipment by Best Technologies, Inc. or approved equal. After removal of existing equipment the range is to be thoroughly cleaned by a professional service licensed in clean-up and removal of lead in ranges. Inspection of such site preparations to be conducted by SRI representative before product is shipped from factory.
- Owner/purchaser to provide 115v temporary power to the install are as well as common hand tools, ladders, dumpster and portatoilets for use during installation.
- 3. Note; if project site is shut down by actions of others than that of SRI, an 'idle job fee' of \$1,650.00 for each calendar day that work cannot commence, will be assessed.
- 4. Unloading upon arrival and movement of equipment adjacent to the installation area is the owner/purchasers responsibility.
- 5. Dismantling, removal and disposal of existing range equipment as well de-leading of range area to be performed by others prior to the arrival of SRI crew for installation of the new equipment.

A

1 of 2





Shooting Range Industries LLC 3885 RockBottom Street N. Las Vegas, NV 89030 702-362-3623 x.405 Attn: Craig Mackey

Lombard, IL. Police Dept. 5 pt. Indoor Range Renovation 11.09.16 SRI Quote #14-323C

The following Terms and Conditions apply to this quote:

1. Payment Terms -

- Products and contracts require 50% down payment, 50% upon notification of shipment from factory.
- If delivery is made in less than 160 to 210 days, 100% of the outstanding balance is due prior to delivery
- If the site preparation is not complete when shipment is scheduled a 30 day grace period will be allowed and storage costs may apply.

2. Taxes - Prices do not include tax.

- · Any tax that is required to be collected or paid is considered Purchaser's responsibility
- · If Purchaser is exempt from such taxes, Purchaser agrees to provide an applicable exemption certificate.

3. Delivery Schedules

• System orders - 90 - 210 days ARO dependent upon size of the order.

4. Shipping

- CONUS shipping includes insurance to the point of delivery only. Unloading upon arrival and movement of equipment adjacent to the installation area is the buver/customers responsibility.
 - Shipping to OCONUS sites include the cost to ship to the nearest Port of Entry for that country.

5. Acceptance

• Modular Range orders - "Acceptance" shall be FOB Destination for all CONUS orders and FOB Origin for all OCONUS orders, unless there is a government/purchaser caused delay in the acceptance which will make the acceptance FOB Origin. SRI Equipment/Systems acceptance shall typically be at the conclusion of the installation and shall be in accordance with test procedures specified in each order.

6. Warranty- review warranty contract for full details

• A factory warranty of 12 months from receipt or acceptance is included with all products. Strict adherence to the terms and conditions of SRI warranty documentation at the time of sale/acceptance will be enforced.

7. Purchaser's Specifications

• SRI disclaims any responsibility for any damage, injury, loss, cost or other expense or liability, or the inoperability of the system, other products or site preparations purchased from SRI that relates to or is caused by modification to the systems or other SRI products.

8. Room Modifications

• Where applicable, Purchaser is responsible for any and all site preparations required to meet product installation requirements/specifications. SRI hereby exclude all permitting and local code compliance. Any required Permits and adherence to code for the area is the owners/purchasers resposibility.

9. Release of Liability

With the acceptance of this proposed quote the customer agrees to release SRI from all liabilities, causes of action claims and demands that arise in any
misuse, ownership, possession, demonstration, testing, and/or operation of the purchased items.

10. Indemnification

 Customer promises to indemnify, hold harmless, and defend SRI and applicable manufacturer against any and all claims including claims for the customers' own negligence.

11. Validity

• This quote is valid for 60 days for the date of issuance. Pricing and products will be revalidated upon request of the Buyer/Government Contracting Officer.

Respectfully submitted,

Craig J. Mackey

Vice President, U.S. Law Enforcement and Int'l Business Development

Shooting Range Industries LLC

SRI Proprietary Data Do Not Disclose

Non- GSA Quote