



Public Safety & Transportation Committee Agenda

City of Newton In City Council

Wednesday, October 19, 2016

7:00 PM
Room 205

Items Scheduled for Discussion:

Referred to Public Safety & Transportation and Finance Committees

- #356-16** **Appropriate \$135,000 for upgrades to the Police Department's firing range**
HIS HONOR THE MAYOR requesting authorization to appropriate one hundred thirty-five thousand dollars (\$135,000) from Free Cash for the purpose of providing funding for upgrading and improving the Newton Police Department's three-lane indoor firearms range. [10/11/16 @ 11:29 PM]
- #72-14** **Discussion of installing a possible bike lane on Walnut Street**
ALD. CICCONE & JOHNSON, requesting a discussion of the installation of a possible bike lane on Walnut Street between Otis Street and Commonwealth Avenue. [03/03/14 @ 8:17 AM]

Referred to Public Safety & Transportation and Public Facilities Committees

- #338-16** **Extend the trial program for snow and ice removal from sidewalks**
COUNCILOR DANBERG, requesting an amendment to City of Newton Ordinances Chapter 26, Section 8D Trial program for removal of snow and ice from sidewalks. by extending the expiration date of the trial from November 1, 2016 to November 1, 2017.

Chair's Note: It is the Chair's intention to entertain a motion for No Action Necessary on the following one (1) item:

- #314-16** **Discussion with MassDOT regarding the Needham Street and Elliot Street Bridges**
COUNCILOR YATES, requesting a report from MassDOT on efforts to coordinate the reconstruction of the Needham Street Bridge and to complete the construction of the Elliot Street Bridge to avoid a double detour affecting Newton Upper Falls and sections of Newton. [09/07/16 @ 9:08 PM]

The location of this meeting is accessible and reasonable accommodations will be provided to persons with disabilities who require assistance. If you need a reasonable accommodation, please contact the city of Newton's ADA Coordinator, Jini Fairley, at least two business days in advance of the meeting: jfairley@newtonma.gov or (617) 796-1253. The city's TTY/TDD direct line is: 617-796-1089. For the Telecommunications Relay Service (TRS), please dial 711.

Referred to Public Safety & Transportation, Public Facilities & Finance Committees

- #335-16 Request for Ordinance amendments to require removal of snow from sidewalks**
COUNCILOR DANBERG, requesting that §26-8 through §26-9 and §20-21 of the City of Newton Rev. Ords., 2012, be amended to establish criteria and provisions for requiring removal of snow in all districts by property owners, occupants, and property managers from sidewalks abutting their property and to review and amend enforcement provisions including structure of fines for snow removal violations. [09/27/16 @ 11:36 AM]
Public Facilities Held 7-0 on 10/05/16
Public Safety & Transportation Held 7-0 on 10/05/16

Items Not Scheduled for Discussion at this meeting:

- #345-16 Requesting a review, amendment or elimination of the Winter Overnight Parking Ban**
PUBLIC SAFETY & TRANSPORTATION COMMITTEE, requesting a review and possible amendment or elimination of the winter overnight parking ban. [10/06/16 @ 9:10 AM]
- #346-16 Requesting a yearly review or amendment to the Taxi Gasoline Surcharge**
MICHAEL ANTONELLIS, on behalf of VETERANS TAXI, LLC., requesting to review the gas surcharge once a year on March 1, in the City of Newton Revised Ordinances 2012, **VEHICLES FOR HIRE, Sec. 19-313. Rates of fare of taxis – d) Gasoline surcharge.** [10/06/16 @ 9:10 AM]
- #347-16 Requesting the elimination of one yearly inspection requirements for Vehicles for Hire**
MICHAEL ANTONELLIS, on behalf of VETERANS TAXI, LLC., requesting an amendment to eliminate the March and October inspection requirement and have only one yearly inspection in April, in the City of Newton Revised Ordinances 2012, **VEHICLES FOR HIRE, Sec. 19-309. Requirements as to vehicles generally – b) and Sec. 19-332. Procedure for obtaining licenses. d) and Sec. 19-336. License plates or medallions; fee for same; transfer to new vehicle – b).** [10/06/16 @ 9:10 AM]
- #348-16 Requesting an amendment to change the license expiration date on Vehicles for Hire**
OFFICER MARINI, requesting an amendment to change the license expiration date to January 31 in each year in the City of Newton Revised Ordinances 2012, **VEHICLES FOR HIRE, Sec. 19-330. Requirement of a license. c) and Sec. 19-339 Van license. c)** [10/11/16 @ 10:14 AM]
- #349-16 Requesting changes to Committee and recommendation dates for Vehicles for Hire**
OFFICER MARINI, requesting an amendment to change the Committee meeting schedule from November to December and to amend its recommendations to the City Council from December to January of each year in the City of Newton Revised Ordinances 2012, **VEHICLES FOR HIRE, Sec. 19-332. Procedure for obtaining licenses. e) and Sec. 19-339. Van license.** [10/11/16 @ 10:14 AM]

Referred to Finance and Appropriate Committees

- #359-16** **Submittal of the FY 2018 to FY 2021 Capital Improvement Plan**
HIS HONOR THE MAYOR submitting the Fiscal Years 2018 to 2022 Capital Improvement Plan pursuant to section 5-3 of the Newton City Charter. [10/11/16 @ 11:28 AM]

REFERRED TO PROGRAMS & SERVICES AND PUBLIC SAFETY COMMITTEES

- #312-15** **Update from Health Department on opiate overdose epidemic**
ALD. COTE, HARNEY AND NORTON, requesting a review and discussion of the opiate overdose epidemic including an update from the Health Department appraising the board on the current situation to include comparative statistics from previous years as to the number of opiate overdoses handled by first responders. In addition, what is being done immediately to take this on and what support can the Board provide. [10/19/15 @ 1:30 PM]

CITY COUNCIL RECOMMITTED TO PUBLIC SAFETY ON 06/20/16

Referred to Public Safety & Transportation and Finance Committees

- #197-15(2)** **Pilotless Aircraft Operation**
COUNCILORS ALBRIGHT, BAKER, AND NORTON, proposing an ordinance regulating the operation and registration of pilotless aircraft in the City of Newton. [04/07/16 @ 4:25 PM]
Public Safety & Transportation approved 5-0 on 05/05/16
Finance Approved 5-0-2 on 06/13/16, Lappin, Norton abstaining
Public Safety & Transportation Held 6-0 on 09/07/16, Lipof not voting

REFERRED TO PUB FACIL, PROG & SERV, AND PS&T COMMITTEES

- #46-15** **Discussion of parking options and permits at municipal and school parking lots**
ALD. JOHNSON & CICCONE, requesting a discussion with the Commissioner of Department of Public Works and the School Department to determine and discuss parking options including use of school properties based on the current municipal parking lot programs including the issuance of permits. [02/11/15 @ 1:35 PM]
- #28-14** **Discussion on duplicate street names**
ALD. CICCONE AND FULLER, on behalf of the Health Department and the Emergency Medical Services (EMS) requesting a discussion on duplicate street names. [01/09/14 @ 10:57 AM]
- #240-12** **Request Chapter 19 Motor Vehicles & Traffic be amended, Sec. 19-224 and 19-226**
RECODIFICATION COMMITTEE, requesting that **Chapter 19 MOTOR VEHICLES AND TRAFFIC** be amended to determine who has jurisdiction for parking on municipal land, the owning department as described in **Sec. 19-224. Parking prohibited on city grounds.** or the Traffic Council as described in **Sec. 19-26. Authority and role of Traffic Council.**

REFERRED TO PS&T AND PUBLIC FACILITIES COMMITTEES

#413-11

Updates on the renovations to the City's fire stations

ALD. CICCONE, SALVUCCI, GENTILE & LENNON, updating the Public Facilities and Public Safety & Transportation Committees on the progress of renovations to the city's fire stations. [11/17/11 @ 11:07 AM]

#137-11

Possible changes to long-term meter fees to discourage short-term use

ALD. DANBERG AND FULLER, requesting possible changes to City Ordinance 19-191, Parking Meter Fees, to require a minimum purchase at long-term parking meters in order to discourage short-term use. [04/26/11 @ 9:52 AM]

Respectfully submitted,

Allan Ciccone, Jr. Chair



**City of Newton, Massachusetts
Office of the Mayor**

SETTI D. WARREN
MAYOR

#356-16

Telephone
(617) 796-1100

Telefax
(617) 796-1113

TDD
(617) 796-1089

E-mail
swarren@newtonma.gov

October 11, 2016

Honorable City Council
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459

Ladies and Gentlemen:

I write to request that your Honorable Council docket for consideration a request to appropriate the sum of \$135,000 from June 30, 2016 Certified Free Cash for the purpose of providing funding for upgrading and improving the Newton Police Department three lane indoor firearms range. This project includes upgrading both the bullet trap and target system from the current 30+ year old technology to a modern state of the art system.

Thank you for your consideration of this matter.

Sincerely,

Setti D. Warren
Mayor

RECEIVED
NEWTON CITY HALL
2016 OCT 11 AM 11:29
DAVID A. OLSON, Clerk
NEWTON, MA 02459

Range Upgrade

Dennis Geary

Mon 10/3/2016 2:55 PM

To: David L. MacDonald <dmacdonald@newtonma.gov>; John M. Daly <jdaly@newtonma.gov>;

Cc: Frank S. Eldridge <feldridge@newtonma.gov>;

 3 attachments (218 KB)

3 Lane Proposal - 5-16-16 adjusted.pdf; BTS range demolition.doc; Newton PD upgrade - 2016 Meggitt.pdf;

Chief,

Attached are the proposals for a tighter cost of the range upgrade. The Action Target quote did not include removal of existing range equipment. The new Meggitt quote includes removal and cleanup, shooting lanes and stalls, and granulated rubber trap.

To equalize both and get a better idea of cost, I requested a quote from BTS, Triumvirate and Clean Harbors for range demolition. I have received the BTS quote for demolition.

The Action Target quote and BTS quote is a total of \$135,282.00

The Meggitt quote is \$134,000 +/- . They suggest allocating between 130,000 to 138,000 for the project.

Once we submit this out to bid, the cost will become precise and locked.

Attached is the Action Target quote, the BTS demolition quote, and the Meggitt quote.

Captain Dennis Geary
Special Operations and Training Bureau Commander
Newton Police Department
617-796-2146



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

Newton Police Dept.

Quotation: 94375 By: Rex Shields Printed: 2016-May-16

Included Items:

1 **3 Lane Fixed Position Range** 124,900.00

- 25 Yard Shooting Distance - Rifle Grade
- 3 lanes at 5 feet each
- *Includes Product, Shipping, and Factory Installation*

- Rubber Berm Trap - \$43,897
- Trap is 15 feet wide
- 10 gauge metal deck construction, 30 degree reclining angle
- 24 inch depth of rubber media
- Class A Fire retardant application on media

- Complete Automated Target Retrieval System - \$48,908
- 3 Deluxe turning 25 yd Mancom Freedom Wireless AWD Retrievers
- Local touch screen target controls in each booth

- Light Deflector Baffle Package - \$14,763
 - 7 rows of 1/4 inch AR500 2' Light Baffles with fascia
 - 7 rows of steel deflectors mounted to front of baffles
 - Fascia includes 1/2 inch fire-treated plywood w/ Z-furrings
 - Fascia includes Armstrong 1301a sound material
 - Light mounting channel on reverse side of baffle
- Delete package - 14,763**

- Complete Class II (Rifle Grade) Ballistic Booth System - \$17,332
- 2 Class II Half-Glass Stall Dividers
- 2 Non Ballistic Solid Stall Ends
- 3 Booth tables with booth lighting

1 **Options:** 0.00

- Add Mancom Target Retrieval Master Control Screen 1400 w/ remote
- Add: \$10,300 to total price

Add Master Control + 10,300

- Replace wireless AWD retrieval system with SRET Turning cable driven retrieval system
- Remove: \$21,000 from total price

1 **EXCLUSIONS** 0.00

- General range construction (renovation)
- Range electrical (including conduits)
- Overhead hanging structure for baffles
- Delivery truck off-load
- Finish work inside range
- Taxes and/or Prevailing wages (if necessary)

Total 124,900.00

Payment Terms:

25% Down Payment with Contract, 25% to start manufacturing with customer approved final drawings, 40% 2 weeks Prior to ship date, 10% on completion of Action Target Install

Shipping Terms:

FOB DESTINATION: PREPAID

124,900

- 14,763

Installation Terms:

Factory Installation

+ 10,300

Terms and Conditions:

adjusted \$120,437.00

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:

Use or Disclosure Statement: 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.



BE

Quality Specialists in Bullet Trap
and Shooting Range Maintenance
September 22, 2016

12024 S. Aero Drive
Plainfield, IL 60585-8796
P 815-254-9554 F 815-254-9558

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

MBE Contractor
Asian Minority Owned Business

Captain Denis Geary
Newton Police Department
1321 Washington Street
Newton Centre, MA 02465

RE: Shooting Range Maintenance
Budget Fiscal Year: July 1, 2016 – June 30, 2017
BTL- 16312

Dear Cpt. Denis Geary

The following are proposals for work to be performed on the facility's 3 pt. LE5B Escalator bullet trap and cleaning parts of the shooting range. The services below were quoted at a non-prevailing wage rate. If these services are to be completed under a prevailing wage rate, please provide BTS with the current rates, and at that time BTS will need to re-evaluate and adjust prices accordingly.

Proposal 1 (Bullet Trap Inspection, Scrolls, Basic Clean Plus, Waste – In Conjunction - 1x year)

This proposal is for maintenance on the bullet trap and cleaning parts of the shooting range. The scope of work is as follows:

- Set up a decontamination unit and regulate the work area.
- Empty collection trays.
- Supply containers and package the spent lead projectiles for recycling.
- Recycle spent lead projectiles.
- Disassemble the bullet trap as needed to complete our work.
- Disassemble deceleration chambers.
- Remove the lead build up from the deceleration chambers.
- Supply containers and package the lead build up for recycling.
- Recycle the spent lead projectiles and lead build up from the deceleration chambers.
- Spray the deceleration chambers with graphite lubricant.
- Reassemble deceleration chambers.
- Reassemble the bullet trap per the manufacturer's specifications.
- Visually inspect bullet trap components for wear/damage, compare with manufacturer's specifications, and inform the owner of any visual defects.
- Remove and package 4 damaged gum rubber curtains as lead contaminated hazardous waste.
- Install 4 new gum rubber curtains.
- Client is to supply new gum rubber curtains.
- Replace and/or tighten any loose or missing nuts and bolts on the accessible exterior parts of the bullet trap.
- Remove and package 16 damaged Duro Blocs as lead contaminated hazardous waste.
- Stack new Duro Blocs in front of the bullet trap.
- Client is to supply new Duro Blocs.

- HEPA vacuum accessible intake vents over the bullet trap.
- HEPA vacuum and wet wipe the accessible back side surfaces of the over-trap.
- HEPA vacuum the front of the bullet trap.
- HEPA vacuum accessible floor areas underneath the bullet trap.
- HEPA vacuum and wet wipe the accessible back side surfaces of the ceiling baffles.
- HEPA vacuum and wet wipe the target tracks, carriers and cross braces.
- Wet-wipe shooters booths and 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 shooting range floor and walls up to 10 feet.
- 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: \$7,125.00

Proposal 1 pricing is only valid if accepted and completed in conjunction with other BTS clients in the Newton Centre, MA area and at our scheduling availability.

The range will be closed 2 day(s) 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 licensed by manufacturer to work on all Meggitt/Caswell Detroit Armor bullet traps.

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 June 30, 2017. 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.

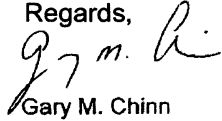
Payment is due within 30 days of the date of the invoice. Late payments will be subject to a fee of 1 ½% per month. The client shall be liable for attorney and other costs incurred to collect our fees.

If you choose to pay for this service with a credit card, a 3% processing fee will be added to the final invoice. #356-16

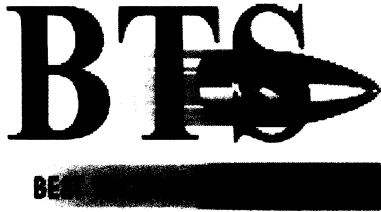
If you have any questions or comments, please feel free to call me.

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/KO



Quality Specialists in Bullet Trap
and Shooting Range Maintenance

#356-16

12024 S. Aero Drive
Plainfield, IL 60585-8796
P 815-254-9554 F 815-254-9558

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

MBE Contractor
Asian Minority Owned Business

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.

4. Contractor performing repair work, disassembly, re-assembly, alteration and/or return to service for the bullet trap shall be trained and authorized to perform such work by the original equipment manufacturer.

JOB NAME: Newton Police Dept., MA BTL#: 16312

ACCEPTED: _____ DATE: _____
If multiple proposals, please state which proposal(s) you are accepting.

Proposal 1

Federal EPA#: _____ Tax Exempt #: _____

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:

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

Budgetary ROM (*Rough Order of Magnitude*) Pricing

prepared for: **Capt. D Geary**

ref: **Newton Police Dept Indoor Range Upgrades**

submitted on: **30 Sept, 2016**

prepared by: John Winston

MTSI Ref: # 2016-LF-ROM-10080

Capt. Geary:

I would recommend a project budget of \$130-138K for upgrading/improving the Newton Police Dept. three lane indoor firearms range, located in the basement of the Washington St Police Station. This budget is based on expanding the scope of the project to include upgrading both the bullet trap and target system from the current 30+ year old products (dated technology) to modern state of the art systems.

The added scope of upgrading the LE5B handgun rated steel escalator bullet trap (a pre1970 design) includes removing the bullet trap and over-trap and replacing with an LE7500-OT rifle rated Grantrap™ (current state of the art in bullet traps). The Grantrap safely captures and contains all rounds of 900-3600fps velocity and up to 3600 ft-lbs of energy (this includes all handgun ammo and .308/.3030 and M16 rifles, including jacketed and unjacketed lead bullets, wad cutters, frangible, shotgun slug and buckshot, and even armor piercing rounds, but not tracers or incendiaries) with no measureable airborne lead dust or impact noise. Upgrading to the Grantrap will both make it easier and safer to conduct rifle training without rubber blocks, and enable close engagement training (targets at 15ft or less from shooter) to be safely conducted down range where all rounds will safely impact the bullet trap instead of walls floor and ceiling (as current) .

The original scope of upgrading the target system includes removing the existing (1970's era) three lane DAC2000 target retrieval system and SB7 dividers and replacing with three lanes of XWTgen3 wireless 360° turning target retrieval system and SafeZone rifle rated (UL lvl8) dividers with clear upper and solid color lower panels, and overhead brass catcher, as well as drop down shelf.

The project budget is based on an assumed scope including: demolition (consisting of) safe removal and disposal of the existing bullet trap, target system and firing line components and lead dust clean-up (to make safe for the installation crew to work without HAZMAT PPE) and packaging and EPA/OSHA complaint disposal of lead and contaminated materials; and installation (consisting of) delivery to Washington St. Newton, MA and assembly/installation of a 15ft Grantrap, enclosure guard, 3 lanes of XWT with wireless master control, and SafeZone dividers, commissioning the new target system and controls and conducting acceptance testing and training.

3 lane Range Upgrade Project Budget

Model No.	DESCRIPTION	QTY	UNIT
LE7500-OT	Grantrap - Rifle rated environmentally friendly bullet trap with integral over-trap baffle and reserve Grantex bin , including Grantex media and TrapVac	15	Lft
JA8D	Rifle rated airspace enclosure guard (4x4 panels) to be installed at toe of trap	1	row
NEW TARGET SYSTEMS			
SZ8	Safe-Zone rifle rated firing line divider, clear upper/solid lower (lv18) with drop down shooter's shelf and gate barricade	3	lanes
XWT	overhead monorail, wireless 360° turning target retrieval system, with 75ft track kit, onboard target light, and touch screen local control	3	lanes
RMCS	RangeMaster™ target control computer, with touch screen monitor	1	lot
RD	Range design and documentation including: submittal/coordination drawings, install package and standard product manuals	1	lot
FSR	Technical support/supervision of install (by local crew), commissioning of target system, and training	6	days
INS	Local (construction) crew and equipment for product installation, under guidance of MTSI FSR	1	wks
DEMO	Removal and disposal of existing LE5B bullet trap and associated lead clean-up, 3 lanes of ATO2000 target system and SB7 stalls, and HEPAvac range	1	lot
FRT	packing and shipping DAP Newton, MA	1	truck
15 lane Range Budget		\$ 134K +/- 2%	

Note: this budget does not include allowance for local prevailing wage rates.

TrapVac will require a 230VAC 3Phase 35amp circuit with outlet (to be installed by others) vic the new Enclosure Guard. TrapVac is NOT a continuous load, but only operated during periodic bullet trap maintenance.

This budget assumes the XWT lanes are powered from the existing electrical outlets located at the firing line (currently these power 3 each 10amp loads XWTGen3 will be <5 amp/lane).

This budget assumes XWT installation to existing ATO track hangers and DAC data/ control network cabling from firing line to range control panel.

The tables on the following page contain a further breakdown of the allowances included in the project budget with product descriptions and quantities for your consideration.

MEGGITT

Allowances for Project Budget

Model NO.	DESCRIPTION	QTY	UNIT
XWT-75	overhead monorail, wireless 360° turning target retrieval system, with 75ft track kit, on-board target light, and touch screen local control	3	lanes
RM10K-LE	RangeMaster™ portable/wireless target control computer system includes master, tablet and network	1	lot
SZ8	Safe-Zone rifle rated firing line divider, clear upper/solid lower (lvl8) with WestPoint shelf and gate barricade	3	lanes
RD	project documentation package, including standard O&M manuals	1	lot
SVCS	Freight and MTSI FSR (supv. install, commission targets, conduct training)	3	days
INS	local (construction) crew and equipment to install MTSI products	3	days
Target System allowance \$ 65K +/- 3.5%			
LE7500-OT	Grantrap - with integral over-trap baffle and reserve bin including Grantex media	0	sqft
JA8D	Rifle rated airspace enclosure guard (4x4 panels) install above toe of Grantrap	1	lot
RD	project documentation package, including standard O&M manuals	1	lot
SVCS	Freight and MTSI FSR (supv. install, commission targets, conduct training)	3	days
INS	local (construction) crew and equipment to install MTSI products	3	days
Bullet Trap Allowance \$ 33K +/- 3.5%			
TrapVac	5HP 230VAC 3Ph Grantrap sustainment machine - used for periodic separation of entrained spent bullets from Grantex media	1	lot
TrapVac Allowance \$ 6.5K			
INS	local (construction) crew and equipment to install MTSI products, in accordance with install drawings and manuals under supervision of MTSI FSR	6	days
Crew Allowance \$ 18K +/- 3.5%			
DEMO	removal and disposal of LE5B bullet trap component and 3 lane DAC target retrieval system with SB7 firing line components, including associated lead clean-up and OSHA/EPA compliant packing and removal/disposal	4	days
Removal Allowance \$ 16K +/- 3.5%			

MEGGITT

Notes:

1. This ROM is for planning purposes only. Upon purchasing decision, Meggitt Training Systems will provide a Firm, Fixed Proposal. This ROM is based on limited equipment specifications and no current CAD drawings; many other configurations are available and can be considered. ROM pricing does not include customer specific site requirements
2. No amounts for any taxes, fees, permits, bonds, licenses, prevailing wage requirements, or regulatory fees are included within this budgetary price.
3. Terms: 50% with the order, 50% to ship order. Any deviation must be mutually agreed upon in writing. Delivery: 90-120 days after receipt of order and upon return and approval of MTS Submittal Drawings.
4. These Budgetary numbers are valid for 90 days from the above date.
5. The Terms & Conditions listed herein are not all inclusive. The Meggitt Training Systems, Inc. (MTSI) Terms and Conditions (MTSI-DOM-REV3-10-21-2013) incorporated by reference herein apply to purchase order(s) and/or credit card sale(s) issued by Buyer to Seller that result from this request for pricing. If the Seller receives a purchase order or credit card sale for item(s) the Seller presumes that the buying agency has followed all required competition justifications. MTSI shall provide a copy to the Buyer of the aforementioned document upon request.

PROPOSED SNOW ORDINANCE AMENDMENT (9/29/2016):

- Consolidates sidewalk snow removal requirements into one section Sec. 26-8.
- Commercial: adds mixed use and manufacturing districts to the business district requirements, and reduces the time period for compliance from 24 hours to 12 hours. Changes fine structure from graduated (\$100/\$200/\$300) to \$100 flat for each offense. (Each day violation continues constitutes a separate offense under Sec. 1-6 of the ordinances).
- Commercial: includes properties used for institutional purposes with properties used for commercial purposes in other districts to which business district requirements apply.
- Adds a new category to which business district requirements and fines will apply: multi-family buildings containing 4 or more dwelling units, regardless of district.
- Makes the pilot program for residential districts permanent, and reduces the time for compliance from 30 hours to 24 hours. Adds \$25 fine for any offense. (Each day violation continues constitutes a separate offense under Sec. 1.6 of the Ordinances).
- Deletes current snow clearing assistance provisions for compilation by DPW of lists of persons available to provide snow clearing either for a fee or on a volunteer basis, but authorizes mayor or designee to coordinate volunteer or municipal snow clearing assistance for residential district requirements in cases of hardship.
- Authorizes mayor or designee to grant hardship exemptions due to health and financial duress.
- Authorizes Mayor or designee to delay period for compliance depending on severity of storm or other factors.

SNOW ORDINANCE
DRAFT FOR DISCUSSION 9/29/2016 REDLINE COPY

Sec. 26-8. Removal of snow and ice from sidewalks ~~in certain districts.~~

~~Every owner or occupant of a building or lot of land abutting upon a sidewalk which is within a business district, as defined by chapter 30, and every owner or occupant of a building situated in other than a business district as defined by such chapter and which is used for a purpose permitted in districts zoned for business but not permitted in districts zoned for single, private or general residences, whether or not such use is a noneconforming use under the provisions of such chapter, which building abuts upon a sidewalk, or stands upon a lot of land abutting upon a sidewalk, shall cause any snow to be removed from the sidewalk and any ice on the sidewalk to be removed, sanded or salted within twenty four (24) hours after such snow has ceased to fall or such ice has come to be formed. The preceding provision shall apply to snow and ice which falls from buildings, other structures, trees or bushes as well as to that which falls from clouds.~~

~~(a) Business, mixed use, and manufacturing districts. In all business, mixed use and manufacturing districts as defined by chapter 30, and for properties used for commercial or institutional purposes in other districts, the owner, or his/her agent, of any land abutting a paved sidewalk of a street shall cause said sidewalk, including handicap access ramps, to be maintained in a non-slippery condition suitable for pedestrian travel by clearing all snow and ice from a pathway at least thirty-six (36) inches in width along the length of such sidewalk within the first twelve (12) hours after such snow or ice has come upon the sidewalk, and shall maintain the sidewalk in a non-slippery condition by application(s) of sand and/or melting agents as may be necessary for this purpose.~~

Comment [m1]: This leaves out public use and open space districts – any reason to include them?

~~(b) Multi-family dwellings. The owner, or his/her agent, of any building designed or occupied as a residence by four or more families or which contains four or more dwelling units shall cause all paved sidewalks of a street, including handicapped access ramps, which abut the land upon which the building is situated to be maintained in a non-slippery condition suitable for pedestrian travel by clearing all snow and ice from a pathway at least thirty-six (36) inches in width along the length of said sidewalk within the first twelve (12) hours after such snow or ice has come upon such sidewalk, and shall maintain the sidewalk in a non-slippery condition by application(s) of sand and/or melting agents as may be necessary for this purpose.~~

~~(c) Residential districts. In residential districts, as defined by chapter 30, except as set forth in (a) and (b) above, the owner, or his/her agent, of any land abutting a paved sidewalk of a street shall cause said sidewalk, including all handicap access ramps, to be maintained in a non-slippery condition suitable for pedestrian travel by clearing all snow and ice from a pathway at least thirty-six (36) inches in width along such sidewalk within the first twenty-four (24) hours after such snow or ice has come upon such sidewalk, and shall maintain the sidewalk in a non-slippery condition by application(s) of sand and/or melting agents as may be necessary for this purpose.~~

~~(d) Hardship. The mayor or his designee is authorized to and may coordinate volunteer or municipal snow clearing assistance and/or to grant an exemption from the provisions of (c) above, renewable annually, for homeowners who upon written petition demonstrate hardship due to health and financial duress.~~

~~(e) Compliance delay. Depending on the severity of a storm or other factors, the Mayor or his designee, in consultation with the Commissioner of Public Works, may delay the period for compliance with this section. Notice of a compliance delay shall be posted on the City’s website and other good faith efforts to notify the public shall be made, such as social media outlets, cable access television, e-mail list serves, or emergency telephone notification systems.~~

(Rev. Ords. 1973, § 19-8; Ord. No. T-127, 3-4-91; Ord. No. T-165, 8-12-91; Ord. No. U-3, 2-22-94)
State law references—Removal of snow from sidewalks, G.L. c. 85, § 5; G.L. c. 40, § 21(2), (3), (4)

Sec. 26-98A. Municipal City snow clearing—Clearing of sidewalks used as school routes.

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The commissioner of public works shall clear snow from certain city sidewalks including portions of both school pedestrian routes and specific arterial and collector roadways, subject to appropriation and the availability of city personnel and equipment. The commissioner, after consultation with the superintendent of schools, chief of police and other appropriate city personnel, shall determine the total number of miles of city sidewalks to be cleared for the purposes of this ordinance based on the availability of personnel, vehicles and funding. Each year during the month of November, the commissioner shall publish a list of said sidewalk snow clearing routes. Said list shall include the street names and, where appropriate, the names of intersecting streets up to which the sidewalks will be cleared. The commissioner shall send a copy of said list to the chief of police and the superintendent of schools. (Ord. No. U-23, 7-11-94)

Sec. 26-8B. Same — Snow clearing assistance.

~~—The commissioner shall annually prepare lists of persons available to provide snow clearing assistance either for a fee or on a volunteer basis. The lists shall be prepared in consultation with appropriate school and senior services department personnel, interested neighborhood organizations, houses of worship, parent teacher associations, and other similar groups that indicate a willingness to participate in snow clearing assistance. Said lists shall be made available during the month of November each year. The list of persons available to provide snow clearing assistance for a fee shall be available upon request to any Newton resident. Low income elderly or low income handicapped persons requesting volunteer snow clearing assistance shall be referred to the senior services department to be matched with available volunteers. For the purposes of this section, "elderly" shall be defined as a person sixty (60) years of age or older, "handicapped person" shall be defined as a person with a physical condition which substantially limits the ability to engage in physical snow clearance activities and "low income" shall be defined in accordance with guidelines established by the United States Department of Housing and Urban Development for the Community Development Block Grant Program. (Ord. No. U-23, 7-11-94; Ord. No. 175, 05-26-05)~~

Sec. 26-8C10. Municipal snow removal operations – clearance Same — Snow clearance standards.

The commissioner of public works shall endeavor to minimize the blocking of sidewalks and intersections with plowed snow so as not to hinder pedestrian passage. The commissioner shall remove plowed snow from sidewalks and intersections that block pedestrian access, to the extent that such removal is feasible, as determined by the commissioner, and subject to appropriation. (Ord. No. U-23, 7-11-94)

Sec. 26-8D. Trial program for removal of snow and ice from sidewalks.

~~—In order to allow for safe pedestrian and wheelchair passage, every owner or occupant of a building or lot of land abutting upon a paved sidewalk or any person having charge of such property shall use reasonable efforts to remove snow and ice from the sidewalk and handicap access ramps, and shall use reasonable efforts to treat said sidewalk and ramps to allow for a safe passageway of approximately thirty six (36) inches in width, provided that where such sidewalk is less than thirty six (36) inches in width the passageway shall encompass its entire width and handicap access ramps. Snow and ice shall be removed, and sidewalks and ramps shall be treated, within thirty (30) hours after such snow has ceased to fall or such ice has formed. This section shall apply to snow and ice which falls from buildings, other structures, trees or bushes, as well as to that which falls from clouds. This section shall not apply to owners or occupants of a building or lot covered by Section 26-8. The mayor or his designee is authorized to coordinate volunteer snow clearing assistance or to grant an exemption, renewable annually, for citizens who upon written petition demonstrate hardship due to a combination of health and financial duress. The provisions of this section shall take effect on November 1, 2011 and shall expire on November 1, 2015 unless terminated earlier or renewed or modified by the board of aldermen. During this trial period, enforcement shall be limited to issuance of notices of non-compliance for violations of any provision of this section. (Ord. No. Z-83, 3-21-11, Ord. No. A-8, 01-22-13; Ord. No. A-49, 12-01-14)~~

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Sec. 26-119. Putting snow and ice upon streets, sidewalks and bridges.

(a) No person shall block, obstruct or otherwise hinder or impair pedestrian or vehicular traffic on the public ways of the city by placing snow or ice or permitting or causing snow or ice to be placed upon a street, sidewalk or bridge, except that snow or ice removed from a sidewalk may be piled in the adjoining gutter or on the loam border between the sidewalk and the street. This section shall not apply to municipal snow removal operations.

(b) Without limiting the applicability of the foregoing paragraph (a), the owner or occupant of property whose driveway or sidewalk is cleared of snow shall be responsible for promptly removing snow placed on the public way (street, sidewalk and/or bridge) adjoining the owner's property as a result of clearing snow from the driveway or sidewalk of the owner. For purposes of this paragraph, "clearing snow" shall include, but is not limited to, plowing, shoveling, sweeping and any other similar means of removing snow from the driveway or sidewalk. This section shall not apply to municipal snow removal operations. (Rev. Ords. 1973, § 19-9; Ord. No. T-166, 8-12-91; Ord. No. X-97, 07-12-04)

ARTICLE III.
CIVIL FINES/NON-CRIMINAL DISPOSITION

Sec. 20-21. Enforcing persons and revised ordinances subject to civil fine.

(d) POLICE DEPARTMENT: City police officers shall be authorized to issue written notice of the following violations:

.....PENALTY
() Warning \$0.00

Sec. 26-8 (a). Removal of snow and ice from sidewalks, ~~business, mixed use, manufacturing in certain~~ districts.

() ~~First Any offense in calendar year~~ \$100.00

Sec. 26-8 (b). Removal of snow and ice from sidewalks, multi-family (4 or more dwelling units).

~~(-) Second offense in calendar year \$200.00~~

~~(-) Third and subsequent offenses in calendar year \$300.00~~

~~() Any offense \$100.00~~

Sec. 26-8 (c). Removal of snow and ice from sidewalks, residential (1-3 family dwellings).

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() Any offense \$25.00

Sec. 26-~~9~~11. Putting snow and ice upon streets, sidewalks and bridges

~~(a)~~ (a) Placing snow or ice on a public way (street, sidewalk or bridge)

() First offense in calendar year \$100.00

() Second offense in calendar year \$200.00

() Third offense and subsequent offenses in calendar year \$300.00

~~(b)~~ (b) Causing or permitting snow or ice to be placed upon a public way (street, sidewalk or bridge)

() First offense in calendar year \$100.00

() Second offense in calendar year \$200.00

() Third offense and subsequent offenses in calendar year \$300.00

SNOW ORDINANCE
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Sec. 26-8. Removal of snow and ice from sidewalks.

(a) *Business, mixed use, and manufacturing districts.* In all business, mixed use and manufacturing districts as defined by chapter 30, and for properties used for commercial or institutional purposes in other districts, the owner, or his/her agent, of any land abutting a paved sidewalk of a street shall cause said sidewalk, including handicap access ramps, to be maintained in a non-slippery condition suitable for pedestrian travel by clearing all snow and ice from a pathway at least thirty-six (36) inches in width along the length of such sidewalk within the first twelve (12) hours after such snow or ice has come upon the sidewalk, and shall maintain the sidewalk in a non-slippery condition by application(s) of sand and/or melting agents as may be necessary for this purpose.

(b) *Multi-family dwellings.* The owner, or his/her agent, of any building designed or occupied as a residence by four or more families or which contains four or more dwelling units shall cause all paved sidewalks of a street, including handicapped access ramps, which abut the land upon which the building is situated to be maintained in a non-slippery condition suitable for pedestrian travel by clearing all snow and ice from a pathway at least thirty-six (36) inches in width along the length of said sidewalk within the first twelve (12) hours after such snow or ice has come upon such sidewalk, and shall maintain the sidewalk in a non-slippery condition by application(s) of sand and/or melting agents as may be necessary for this purpose.

(c) *Residential districts.* In residential districts, as defined by chapter 30, except as set forth in (a) and (b) above, the owner, or his/her agent, of any land abutting a paved sidewalk of a street shall cause said sidewalk, including all handicap access ramps, to be maintained in a non-slippery condition suitable for pedestrian travel by clearing all snow and ice from a pathway at least thirty-six (36) inches in width along such sidewalk within the first twenty-four (24) hours after such snow or ice has come upon such sidewalk, and shall maintain the sidewalk in a non-slippery condition by application(s) of sand and/or melting agents as may be necessary for this purpose.

(d) *Hardship.* The mayor or his designee is authorized to and may coordinate volunteer or municipal snow clearing assistance and/or to grant an exemption from the provisions of (c) above, renewable annually, for homeowners who upon written petition demonstrate hardship due to health and financial duress.

(e) *Compliance delay.* Depending on the severity of a storm or other factors, the Mayor or his designee, in consultation with the Commissioner of Public Works, may delay the period for compliance with this section. Notice of a compliance delay shall be posted on the City's website and other good faith efforts to notify the public shall be made, such as social media outlets, cable access television, e-mail list serves, or emergency telephone notification systems.

(Rev. Ords. 1973, § 19-8; Ord. No. T-127, 3-4-91; Ord. No. T-165, 8-12-91; Ord. No. U-3, 2-22-94)

State law references—Removal of snow from sidewalks, G.L. c. 85, § 5; G.L. c. 40, § 21(2), (3), (4)

Sec. 26-9. Municipal snow clearing—Clearing of sidewalks used as school routes.

The commissioner of public works shall clear snow from certain city sidewalks including portions of both school pedestrian routes and specific arterial and collector roadways, subject to appropriation and the availability of city personnel and equipment. The commissioner, after consultation with the superintendent of schools, chief of police and other appropriate city personnel, shall determine the total number of miles of city sidewalks to be cleared for the purposes of this ordinance based on the availability of personnel, vehicles and funding. Each year during the month of November, the commissioner shall publish a list of said sidewalk snow clearing routes. Said list shall include the street names and, where appropriate, the names of intersecting streets up to which the sidewalks will be cleared. The commissioner shall send a copy of said

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list to the chief of police and the superintendent of schools. (Ord. No. U-23, 7-11-94)

Sec. 26-10. Municipal snow removal operations – clearance standards.

The commissioner of public works shall endeavor to minimize the blocking of sidewalks and intersections with plowed snow so as not to hinder pedestrian passage. The commissioner shall remove plowed snow from sidewalks and intersections that block pedestrian access, to the extent that such removal is feasible, as determined by the commissioner, and subject to appropriation. (Ord. No. U-23, 7-11-94)

Sec. 26-11. Putting snow and ice upon streets, sidewalks and bridges.

(a) No person shall block, obstruct or otherwise hinder or impair pedestrian or vehicular traffic on the public ways of the city by placing snow or ice or permitting or causing snow or ice to be placed upon a street, sidewalk or bridge, except that snow or ice removed from a sidewalk may be piled in the adjoining gutter or on the loam border between the sidewalk and the street. This section shall not apply to municipal snow removal operations.

(b) Without limiting the applicability of the foregoing paragraph (a), the owner or occupant of property whose driveway or sidewalk is cleared of snow shall be responsible for promptly removing snow placed on the public way (street, sidewalk and/or bridge) adjoining the owner’s property as a result of clearing snow from the driveway or sidewalk of the owner. For purposes of this paragraph, “clearing snow” shall include, but is not limited to, plowing, shoveling, sweeping and any other similar means of removing snow from the driveway or sidewalk. This section shall not apply to municipal snow removal operations. (Rev. Ords. 1973, § 19-9; Ord. No. T-166, 8-12-91; Ord. No. X-97, 07-12-04)

**ARTICLE III.
CIVIL FINES/NON-CRIMINAL DISPOSITION**

Sec. 20-21. Enforcing persons and revised ordinances subject to civil fine.

(d) POLICE DEPARTMENT: City police officers shall be authorized to issue written notice of the following violations:

.....	<u>PENALTY</u>
() Warning	\$0.00
Sec. 26-8 (a). Removal of snow and ice from sidewalks, business, mixed use, manufacturing districts.	
() Any offense.....	\$100.00
Sec. 26-8 (b). Removal of snow and ice from sidewalks, multi-family (4 or more dwelling units).	
() Any offense	\$100.00
Sec. 26-8 (c). Removal of snow and ice from sidewalks, residential (1-3 family dwellings).	

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() Any offense \$25.00

Sec. 26-11. Putting snow and ice upon streets, sidewalks and bridges

(a) Placing snow or ice on a public way (street, sidewalk or bridge)

() First offense in calendar year \$100.00

() Second offense in calendar year \$200.00

() Third offense and subsequent offenses in calendar year \$300.00

(b) Causing or permitting snow or ice to be placed upon a public way (street, sidewalk or bridge)

() First offense in calendar year \$100.00

() Second offense in calendar year \$200.00

() Third offense and subsequent offenses in calendar year \$300.00

Residential Sidewalk Snow Ordinances in the Boston Region

Municipality	Time allotted to clear	Fine*
Arlington	8 hours	\$25-50/day
Belmont	By 8pm	\$0/50/100 to \$350 max
Boston	3 hours	\$50-100
Brookline	30 hours	\$25
Cambridge	12 hours snow/6 hours ice	\$50
Chelsea	24 hours	\$0/50/150/300
Everett	12 hours	\$0/0/25/50
Lynn	10 hours	\$50
Malden	24 hours	Cost of removal of violation and a fine up to \$200
Medford	6 hours	\$25/50
Salem	6 hours	\$25/75/100
Somerville	By 10 am or 10 pm	\$50/100/200
Winthrop	6 hours	\$25/50/100
Newton	30 hours	none

- Slashes mean per instance—so \$0/25/50 means—warning first instance, \$25 second instance \$50 third and subsequent instance.

Source:

<http://massgis.maps.arcgis.com/apps/MapSeries/index.html?appid=3c4b4d684b6a4d35894efe8d04a145a7>