



March 18, 2015

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Subject: Firearms Training Simulator  
MTSI Reference: MTS15USL0608

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Mr. Pellegrino:

MTSI is pleased to offer our Proposal # MTS15USL0608, in response to the Margate Police Department procurement for an MTSI FATS® L7 Firearms Training System & BLUEFIRE® Weapons Simulators.

MTSI's smart BLUEFIRE® weapons and FATS® L7 are the only weapon and simulation solution in the law enforcement market to offer the following list of critical training features:

- Wireless smart weapons that are constantly in communication with the system via Bluetooth technology.
- Wireless weapons that allow the instructor to monitor, in real time, the status of the student's weapon in marksmanship mode (Magazine in or out, Slide forward or locked to the rear, hammer cocked or de-cocked, chamber loaded or empty, number of rounds remaining).
- Wireless weapons that allow the instructor to monitor the cant of the weapon in real time on the instructor console in marksmanship mode.
- Wireless weapons that allow the instructor to constantly monitor the student's point of aim, in marksmanship mode and to show the student their muzzle placement in both marksmanship and judgment mode. All other products require the addition of a separate laser device mounted to the exterior of the weapon, thus preventing it from being holstered.
- A system that allows the instructor to view the real time point of aim of up to 4 students during marksmanship courses and show each of the students their muzzle trace in real time or during replay.
- Tethered and wireless weapons which allow the instructor to initiate a malfunction of the weapon at any time, requiring the student to execute a proper clearing procedure before the weapon will be operational. Other systems cause the screen to stop recognizing laser pulses, but the student's weapon is still operational.
- Weapons that require the student to follow a proper loading sequence in order for the weapon to be operational. The student must properly insert the magazine, work the slide or bolt to the rear and then top off the magazine for the proper duty load. This provides for a seamless transition from the training environment to the officer's actual duty. Further enhancing the officer's existing weapon handling training and skillset.
- All of our semi-automatic weapons lock to the rear when the weapon's standard ammunition load is exhausted. Additionally our wireless weapons are the only weapons that can be wirelessly programmed with custom ammunition loads.



- The FATS® line of simulators are the only systems that support non-recoil laser inserts, drop-in laser recoil kits, smart tethered weapons and wireless BLUEFIRE® weapons. Other systems only support non-recoil laser inserts and drop-in laser recoil kits.
- Our BLUEFIRE® wireless weapons use compressed breathable air to generate recoil, not CO2.
- Meggitt Training Systems, Inc. (MTSI) is the manufacturer of the "FATS" product line in Suwanee, GA.
- The MTSI Virtual Simulators are designed to use any existing FATS® BLUEFIRE® wireless weapons, FATS® System Controlled (tethered) weapons and Dvorak weapon adaptor kits (duty weapons using Dvorak drop-in laser kits).
- MTSI is the only simulation manufacturer to offer the FATS® BLUEFIRE® Weapons line. FATS® BLUEFIRE® Weapons offer a full fidelity experience in use of force option handling and application allowing freedom of movement unencumbered by a tether. These are the only simulated use of force options (duty weapon, Taser, chemical spray) that provide all of the same functionality as our FATS® System Controlled Weapons, while at the same time offering the flexibility of wireless technology.
- Meggitt Training Systems, Inc. is the only manufacturer that can properly service the FATS® BLUEFIRE® proprietary technology offered in our FATS® BLUEFIRE® Weapons line.

All of the above items and features may only be purchased through Meggitt Training Systems, Inc. in Suwanee, GA. Should you need additional information, please contact me at the number listed below.

Sincerely,

**Eric Perez**  
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