



LAWRENCEVILLE POLICE DEPARTMENT

J. Mullin, Chief of Police

M. Walker, Assistant Chief


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TO: John Mullin, Chief of Police

FROM: Salvador Ortega, Captain 

DATE: May 2, 2023

REF: Firearms Training Simulator (FATS) Purchase Proposal

After extensive research of various FATS machines, I determined that the best product for us based on quality and price is the FATS machine manufactured by Ti Training. Several local departments currently own a Ti Training FATS machine and their experience has been positive and very satisfying. During my research, I tested three different products (Ti Training, InVeris, and VirTra). TI Training was far beyond the best product as far as cost, technology, customer service, and video development. Ti Training holds a Sole Source Letter for their product as their FATS machine is the only one on the market with a patented mobile multiple screen system.

It is the Lawrenceville Police Department's commitment to provide our citizens with a highly trained police force. Purchasing the TI Training FATS machine will help us provide continuous and progressive training for our police officers to ensure the safety of our citizens as well as our staff. The FATS machine enhances officer knowledge, skills, and confidence in a safe, challenging training environment that is highly interactive and engaging. The TI Training FATS machine being considered is a 3-screen immersive training experience that reinforces scanning and situational awareness skills. All of their videos are filmed in high definition with surround sound providing officers with a realistic training experience in a safe and controlled environment. Additionally, Ti Training has a video production team that constantly adds new training videos. Ti Training also trains officers to learn how to produce their own training videos that are unique to the city and department.

This type of training is necessary to provide our police officers with realistic law enforcement situations that are designed to enhance rapid problem-solving and reaction skills. These scenarios provide officers with a multitude of training options that are technology-based and add a sense of realism that traditional training on a firearms range cannot provide. These scenarios challenge and sharpen critically important decision-making abilities. Further, this system will help reinforce proper decision-making and build trust with our community.

The Ti Training FATS machine system will allow department use of force and firearms instructors the ability to give presentations, classes, and conduct interactive testing and assessment. Police officers will participate in realistic, scenario-based exercises with detailed debriefing and after action review. Utilizing these scenarios will help provide officers with training opportunities that will enhance the overall understanding of shoot/don't shoot situations, non-lethal options, de-escalation techniques and the corresponding decision-making process related to law enforcement use of force.

In determining which use of force simulator best suits the Lawrenceville Police Department needs, I contacted the previously listed three nationwide companies that manufacture law enforcement simulator products and tested their product. Though evaluation of these products, it was determined Ti Training FATS machine system is best suited for our departmental training needs. Ti Training is a reputable company that has been





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manufacturing simulators for nearly two decades. Their attention to detail, quality control and customer service have been reported to be excellent by other agencies currently using their product.

Lastly, purchasing this FATS machine will assist with our community outreach programs as it is something that our Citizens Police Academy students use during the program and currently we have been going to other police departments to use their simulator. Overall, this product will help by providing better training to our officers which will ultimately lead to better community relations and community confidence.

Budget Impact:

- \$126,830.00

Attachments:

Ti Training Quote for their RECON 180 Screen System
Ti Training Sole Source Letter explaining their patented technology