

MACOMB COMMUNITY COLLEGE
14500 Twelve Mile Road, Warren, MI 48088

ACTION REPORT: Authorization to Purchase

ITEM: Law Enforcement Firearms Training Simulator

Approval is requested for the purchase of a MILO Range Theater 180 Firearm Training Simulator, to be purchased from FAAC Incorporated, located in Ann Arbor, Michigan. Included in the \$80,795 purchase price are free upgrades in software, set-up and on-site training. The simulator will be housed and used in the Police Training Program at East Campus Room 122. No unique requirements or set-up are needed as part of this purchase.

The Milo simulator includes over 500 high definition interactive scenarios. These scenarios have been based off of real life experiences and expertise. The topics cover a wide variety of training situations including traffic stops, active shooter situations, burglaries, domestic disturbances, corrections and patrol.

The Milo simulator, though more costly was found to be superior to the equipment offered by Meggitt Training because of its three screen feature that will allow students the opportunity to train using their peripheral vision in life like scenarios. The MILO system also offers the Taser X-26 weapon feature unlike the Meggitt system that did not offer this feature. Taser training is an important part of the police training curriculum for student full range weapon options during the stress induced simulating experience.

Bids were solicited from 23 vendors selling various types of firearm simulators. Of the 23 vendors invited to submit a bid, two (2) responded. The bid was also publicized on the Bid4Michigan website encouraging qualified vendors to submit a bid.

Itemized below is a tabulation of the bids that were received:

<u>VENDOR</u>	<u>BID</u>
FAAC Incorporated Ann Arbor, MI 48108	\$80,795
Meggitt Training Systems, Inc. Suwanee, GA 30024	\$69,315

This expenditure will be from Perkins grant fund. User department rationale follows.

RECOMMENDATION OF ADMINISTRATION:

That the Board of Trustees approve the purchase of one (1) Milo Law Enforcement Firearms Training Simulator in the amount of \$80,795 from FAAC Incorporated of Ann Arbor, MI.

Vice President for Business
Senior Vice President and Provost
April 19, 2016

USER DEPARTMENT RATIONALE FOR A LAW ENFORCEMENT FIREARMS TRAINING SIMULATOR

The MILO Firearms Training Simulator is a three (3) screen, 180 degree, computerized video system, that allows the instructor to create scenarios that a police officer can expect to encounter in real life. It will allow the police training program to enhance physical firearms skills and the student's capability to make decisions as to when and what level of force needs to be utilized, in a safe, low cost environment.

The system utilizes specially equipped weapons that require the student not only to decide if force should be applied, but which weapon should be employed. In that it is a simulator and no live fire is occurring, the system is very safe and allows instructors to be in close contact and communication with the student.

In today's public service environment physical competency alone is not enough. Students (prospective police officers) must be trained to make the appropriate decision, in the face of changing and unpredictable circumstances. This simulator will provide the Basic Police Training program with a state of the art tool to provide vital training in a safe environment utilizing renewable resources.

The MILO simulator will replace an obsolete firearms training simulator while employing new advanced technology. The primary beneficiary of the equipment will be students who will develop firearms handling skills, marksmanship capabilities, and decision making abilities.

The purchased MILO simulator will be housed at East Campus Room 122 and used in the Police Training Program. No unique requirements/considerations are needed for this piece of equipment.

This purchase will allow the Basic Police Training program to provide students with vital training in a job task that involves high liability and where skill competency and decision making skills are vital. Student success and employability will be enhanced by the acquisition of these skills.

There will be a cost savings in terms of reduced live ammunition and accessory usage, decreased instructor costs (fewer instructors are required as compared to the number required for "live fire" training) and there will be less wear and tear on firearms range equipment.

Charlene McPeak
Dean, Health and Public Services
3/21/2016