



Florida Job Growth Grant Fund Workforce Training Grant Proposal

Proposal Instructions: The Florida Job Growth Grant Fund Proposal (this document) must be completed and signed by an authorized representative of the entity applying for the grant. Please read the proposal carefully as some questions may require a separate narrative to be completed.

Entity Information

Name of Entity: Seminole State College of Florida

Federal Employer Identification Number (if applicable): ██████████

Contact Information:

Primary Contact Name: Dr. Angela Kersenbrock

Title: Associate Vice President, School of Career and Professional Programs

Mailing Address: 100 Weldon Boulevard
Sanford, FL 32773

Phone Number: 407-708-2483

Email: kersenba@seminolestate.edu

Workforce Training Grant Eligibility

Pursuant to 288.101, F.S., The Florida Job Growth Grant Fund was created to promote economic opportunity by improving public infrastructure and enhancing workforce training. This includes workforce training grants to support programs offered at state colleges and state technical centers.

Eligible entities must submit proposals that:

- Support programs and associated equipment at state colleges and state technical centers.
- Provide participants with transferable and sustainable workforce skills applicable to more than a single employer.
- Are offered to the public.
- Are based on criteria established by the state colleges and state technical centers.
- Prohibit the exclusion of applicants who are unemployed or underemployed.



1. Program Requirements:

Each proposal must include the following information describing how the program satisfies the eligibility requirements listed on page 1.

- A. Provide the title and a detailed description of the proposed workforce training.

Title: Seminole State College Domestic Terrorism Simulation and Training Center

Description: Extensive research in the area of criminal justice has revealed a critical shortage of individuals in law enforcement who are well-prepared in understanding how to most effectively deal with a broad array of potential situations, including not just the more “everyday” public safety challenges such as responding to domestic disputes and traffic violations, but also the ever-increasing demands for more strategic crowd control and the life-and-death challenges of responding to dangerous large scale attacks on innocent citizens. While criminal justice academies are effective at delivering basic recruit training, Seminole State College has analyzed data and law enforcement feedback, uncovering the time critical need for new, more effective approaches to train incoming and experienced officers and deputies so that they are prepared to perform homeland security duties that require higher-level skills.

- B. Describe how this proposal supports programs at state colleges or state technical centers.

The long-range goal of this project is to develop a new and innovative state-of-the-art high tech simulation and training center designed to increase the capacity of Seminole State College to offer specialized college-credit training that will better prepare police officers and sheriff’s deputies for active shooter emergencies and acts of domestic terrorism. Through investment in infrastructure and future exploration of curriculum/program replication and partnership with the 39 other state colleges/state technical centers/agencies that are home to Florida Department of Law Enforcement criminal justice training centers, the impact of the new Seminole State Domestic Terrorism Simulation and Training Center will grow exponentially after it is established with grant support, serving as a model for providing higher level education options that lead completers to career opportunities and job advancement at local, state, and federal law enforcement agencies in Florida. After these statewide collaborations are in place, the next phase of revenue-generating enrollment growth will occur as the Center is eventually promoted to other law enforcement training programs throughout the nation.

Project objectives include:

1. To develop and offer a new nine credit hour/three course Advanced Technology

Certificate (ATC) designed to use an innovative combination of classroom instruction and simulation technology to specifically prepare students for active shooter and domestic terrorism situations.

2. To increase the number of criminal justice academy graduates who pursue higher-level college credit studies in the AA/AS-to-BS criminal justice pathway.

3. To increase the knowledge of students in technology-related criminal justice content knowledge and applications desired by law enforcement employers.

The new ATC is intentionally designed to be heavy in terms of technology-based content and instructional methodology, and will be promoted as not only as an opportunity to develop important knowledge and skills, but also as a stepping stone that opens career advancement and higher-level academic doors for academy graduates who wish to continue college-level studies at state colleges in Florida that offer the AS degree in Criminal Justice Technology and/or the AA general education degree that articulates with BS degrees in fields related to law enforcement.

- C. Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer.

This concept is responsive to a variety of government and community needs involving multiple employers. In terms of employment needs, recent reports from the Florida Department of Economic Opportunity Labor Market Statistics Center indicate that job growth between 2015 and 2023 for Police and Sheriff's Patrol Officers and Detectives and Criminal Investigators in Workforce Region 12 (Seminole, Orange, Osceola, Lake and Sumter counties) and in Seminole County alone, will be 11.7% and 13.0%, and 12.0% and 12.0%, respectively.

However, more important than simply the quantity of jobs available, is the quality of training and degree of knowledge possessed by those who fill these positions. Law enforcement agencies seek to hire the best applicants in order to provide the highest quality service to best address the public safety needs of the communities they serve. To be most competitive for future vacancies and career advancement, individuals need to complete the highest quality training. Recent media reports have highlighted the need for improved law enforcement training - communities in Florida and across the nation deserve a workforce that is fully prepared to protect and serve us all.

Police departments across the country are starting to wonder whether the training techniques and assumptions that have guided them for decades are inadequate and flawed, and whether modern tools and technology might improve matters. An assessment is long overdue....Intriguing and increasingly affordable new methods, some of them taking advantage of rapid advances in virtual reality technology, are leading some [police] departments to examine alternatives that may improve performance and preparation for rookie officers and veterans alike. --July 29, 2016, editorial in The Washington Post

The new ATC program to be developed under this project fills a current gap, designed to serve as the first opportunity for academy graduates to get a taste of earning college credit while learning valuable advanced job skills. ATC completers will earn nine credits that are transferable to higher level degree programs; coupled with the 22 credits that Seminole State offers as transfer credits for academy graduates who pursue the AS degree in Criminal Justice Technology, students who elect to move forward with their education will have a significant jump start on their associate degree. Completion of the ATC will be particularly relatable to the current Homeland Security specialization/courses in Seminole State's AS degree in Criminal Justice Technology.

D. Does this proposal support a program(s) that is offered to the public?

Yes No

E. Describe how this proposal is based on criteria established by the state colleges and state technical centers.

All students will build upon what they learned while completing their academy training at a state college/state technical center; this training is prescriptive to the Florida Department of Education curriculum framework that follows the uniform minimum standards established by the Criminal Justice Standards & Training Commission.

The preliminary plan for three new ATC courses include the following projected course titles and content:

- The Science and Technology of Criminal Justice - Classroom instruction combined with lab-based experiences where students will watch demonstrations and engage in hands-on activities, increasing their understanding of the science and technology behind common job-related duties. Topics: biometrics, digital evidence, computer forensics, surveillance (e.g. drones), geographic information systems (GIS).
- Effective Strategies for Pursuing an Active Shooter - Classroom instruction combined with lab-based experiences that utilize SSC's new two-tier simulation training approach, increasing student skill development and preparation for emergency situations by better understanding best practices for dealing with active shooter situations. The US Department of Homeland Security defines an active shooter as an individual actively engaged in killing or attempting to kill people in a confined and populated area.
- Effective Strategies for Dealing with an Act of Domestic Terrorism - Classroom instruction combined with lab-based experiences that utilize SSC's new two-tier simulation training approach, increasing student skill development and preparation for emergency situations by better understanding best practices for

dealing with the acts of domestic terrorism, while they are happening, as well as during the aftermath. 18 U.S. Code § 2331 defines domestic terrorism as activities that: (a) involve acts dangerous to human life that are a violation of the criminal laws of the United States or of any State; (b) appear to be intended— (i) to intimidate or coerce a civilian population; (ii) to influence the policy of a government by intimidation or coercion; or (iii) to affect the conduct of a government by mass destruction, assassination, or kidnapping; and (c) occur primarily within the territorial jurisdiction of the United States.

Seminole State's proposed two-tier simulation training approach involves: (1) simulation scenarios; and (2) virtual reality scenarios. Simulations will be used in the grant-funded new stand-alone shoot house (as opposed to live ammunition used on the shooting range) in interior scenarios designed to provide students with additional practice dealing with high intensity situations. The facility will provide a 360°, live-fire, ballistically safe, shoot house designed for teaching and learning close quarter skills, such as room clearing and hallway navigation, with realism and safety. By combining realistic walls, doors, rooms, and hallways into custom configurations, students will train in a realistic training environment that is critical to developing the confidence and conditioned responses needed for survival. With armored steel walls, every round fired is contained and safety is paramount in the shoot house's construction and design.

For virtual reality, Seminole State has negotiated with Motion Reality, Inc., developers of the world's most accurate, real-time human motion capture and simulation technologies for the military, law enforcement, entertainment, and sports markets, to purchase a discounted version of Dauntless, a virtual immersive training simulation rated very highly by over 300 NYPD counter terrorism officers and used for FBI and international training. Dauntless technology provides for extensive performance assessment, with the ability to conduct an action review immediately after completion of the scenario, including not only the number of hits, but details such as joint and head positions. It also permits the student and instructor to view the exercise from the perspective of the target. Motion Reality's environments are the virtual worlds from which an endless variety of scenarios can be created. The environments range from small to large; a single building or point of entry to a full residential neighborhood. The "worlds" are the base in which all the information necessary to build a scenario is held. The environment is the empty "Sandbox" to which all other items – waypoints, rally points, props – are added, in order to develop a scenario. The full system includes full-body sensors for participants, visors, virtual weapons, intelligent cameras, muscle stimulation equipment, a server and routers, and drag-and-drop scenario creator. This virtual reality system will be installed in the renovated existing criminal justice lab space located in the Center for Public Safety building on Seminole State's main campus in Sanford/Lake Mary.

Additional grant funds will be used to purchase a blackout drape/pipe system that can easily be installed in a wide variety of available interior spaces to offer temporary scenario training options as well, offered in rotation with the two-tier training approach.

Existing state-approved curriculum frameworks for two related programs offer student performance/outcome standards that will be considered during the ATC curriculum development process. These frameworks suggest coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers. Existing programs and applicable content standards include:

- AS Degree: Computer-Related Crime Investigation - Describe the methods used by individuals to commit computer-related crimes; Define electronic evidence; Explore software tools used to retrieve hidden and deleted electronic data from computers and storage media; Explore the features of investigative software applications; Explain the importance of collecting electronic evidence.
- AS Degree: Crime Scene Technology - Demonstrate knowledge of specialized equipment used in crime scene labs; Demonstrate knowledge of the capabilities of a full-service crime lab; Demonstrate knowledge of the testing of biological evidence; Demonstrate knowledge of the collection methods of biological evidence.

In addition, development and pilot testing of the new ATC curriculum will dovetail with and has been informed by research that Seminole State has already completed regarding the latest national models for instructional technologies and content. Technology-heavy research models at the heart of the new ATC program include:

- National Center for Biomedical Research and Training at Louisiana State University - Offers courses certified by the US Department of Homeland Security National Training Program. Virtual reality simulation equipment comparable to that utilized in this program will be purchased using grant funds, allowing Seminole State to become a regional training hub for incorporating state-of-the-art training technology into criminal justice training programs in demand.
- The President's Task Force on 21st Century Policing - Embracing technology, and emphasizing the importance of high quality and effective training and education through partnerships with local and national training facilities.
- US Department of Justice, Office of Justice Programs - Encourages development of new technologies for combating criminal activity, such as GPS and advanced communication systems. "In an increasingly high tech world, more and more crimes involve technologies and police must be prepared for them."
- The Federal Bureau of Investigation Information Technology Branch - Recognizes that every FBI employee relies heavily on IT to successfully execute its mission, supporting basic administrative functions, law enforcement activities, intelligence gathering, and counterterrorism.



F. Does this proposal support a program(s) that will not exclude unemployed or underemployed individuals?

Yes No

G. Describe how this proposal will promote economic opportunity by enhancing workforce training. Please include the number of jobs anticipated to be created from the proposed training. Further, please include the economic impact on the community, region, or state and the associated metrics used to measure the success of the proposed training.

This project will have a significant impact on economic opportunity and workforce training. During the grant period (projected to end on June 30, 2018, the end of the state fiscal year), approximately 10 individuals are projected to be supported: the Personnel portion of the grant budget includes new and supplemental criminal justice faculty and administrative responsibilities that involve overseeing design and development of the new ATC program, curriculum development for the three ATC courses (including the modification and creation of virtual reality scenarios), pilot testing of new courses, and negotiation of expanded articulation agreements; in addition, public safety subject matter experts, instructional design consultants, and students from Seminole State's Information Technology workforce training certificate/degree programs will collaborate with the criminal justice faculty in the development of curriculum modules and new virtual reality scenarios to supplement and enhance purchased training resources. Once training delivery begins (projected Summer 2018), Seminole State projects that an average of 25 students will complete ATC training in the first full initial year (gradually increasing as other in-state and out-of-state training programs utilize the Center in future years), and conservatively, enrollment in Seminole State's college-credit AS degree in criminal justice will increase 3 percent annually.

2. Additional Information:

A. Is this an expansion of an existing training program? Yes No

If yes, please provide an explanation for how the funds from this grant will be used to enhance the existing program.

Project activities will enhance the existing law enforcement training academy and the AS in Criminal Justice Technology by addressing three significant existing gaps: (1) the career pathway needs to better facilitate student transition into higher level studies; (2) the curriculum content needs to contain an appropriate balance between a broad foundation in criminal justice studies and technology applications; and (3) the instructional methodology used by faculty needs to incorporate increased use of advanced technologies. Grant-supported activities will focus on increasing



Seminole State's capacity to support student success through curriculum development and pilot testing, including the enhancement of existing courses through the infusion of new science and technology-driven content modules, and the development and pilot testing of a new college credit Advanced Technology Certificate that focuses on in-depth training in science and technology aspects of criminal justice, and the use of advanced technology to strengthen training in active shooter and domestic terrorism situations, which will serve as a new bridge between academy training and the AS degree.

Establishment of the Seminole State Domestic Terrorism Simulation and Training Center will also put an infrastructure in place to serve as an ideal site where, in partnership with law enforcement agencies and with regional simulation and training research centers and businesses, technology advancements in Homeland Security can be researched and pilot tested, expanding the value of Seminole State's existing training programs far beyond their current purpose of preparing individuals for employment. The Modeling, Simulation, and Training industry in the Florida High-Tech Corridor is a \$5 billion industry with a workforce of 30,000, and Central Florida is home to the National Center for Simulation. While the primary targeted workforce for this project is law enforcement, the Center's focus on simulation training also provides opportunities to train the simulation workforce as part of this regional hub. As an initial step in this direction, during the grant period, IT students who demonstrate an interest and aptitude in modeling and simulation will be invited by faculty to participate in instructional design teams to use advanced technology to develop new scenarios, and to explore the operation and maintenance of the technology-based training systems.



B. Does the proposal align with Florida's Targeted Industries? (View Florida's [Targeted Industries here.](#))

Yes No

If yes, please indicate the targeted industries with which the proposal aligns.
If no, with which industries does the proposal align?

Homeland Security/Defense - Technology: Simulation and Training

C. Does the proposal align with an occupation(s) on the Statewide Demand Occupations List and/or the Regional Demand Occupations List? (View Florida's [Demand Occupation Lists here.](#))

Yes No

If yes, please indicate the occupation(s) with which the proposal aligns.

If no, with which occupation does the proposal align?

Statewide and WDA Region 12: Police and Sheriff's Patrol Officers (SOC Code 333051, HSHW)

D. Indicate how the training will be delivered (e.g., classroom-based, computer-based, other).

If in-person, identify the location(s) (e.g., city, campus, etc.) where the training will be available.

If computer-based, identify the targeted location(s) (e.g. city, county, statewide) where the training will be available.

The new ATC will be offered as a classroom-based program, with extensive lab-based learning. Simunition training in the shoot house will be conducted on Seminole State's center in Geneva, Florida, utilizing the new shoot house that will be established there; an instructional building is also already located at the Geneva Center for classroom-based instruction. Virtual reality scenarios training will be offered at the modified criminal justice lab located on Seminole State's main campus in Sanford/Lake Mary, in the Center for Public Safety training building. This building also contains numerous classrooms for instruction.

E. Indicate the number of anticipated enrolled students and completers.

All Seminole State students who are enrolled in criminal justice-related courses will be impacted to varying degrees by the curriculum development and infrastructure improvements supported by this project. Seminole State serves approximately 200 students per year (42% minority) in the Academy, and approximately 80% of completers obtain employment. The pass rate on the state exam is 85%, compared to the state average of 80%. The AS in Criminal Justice Technology has approximately 325 declared majors (53% minority), but the unduplicated headcount is double that



number due to many students being enrolled in courses, but not being majors. Seminole State currently enrolls approximately 150-200 officers in continuing education programs each year. In the initial year after the new simulation-based training is available, Seminole State projects 30 enrollments and 25 completers in the new ATC program. Because the three ATC courses will be designed to be offered in sequence, students will be expected to enroll in three consecutive academic terms (Summer-Fall-Spring), however increasing demand is expected to result in beginning a new cohort of students each term once the program begins.

F. Indicate the length of program (e.g., quarters, semesters, weeks, etc.), including anticipated beginning and ending dates.

Begin Date: 05/07/2018 End Date: 04/30/2019



G. Describe the plan to support the sustainability of the proposal.

This project is carefully designed to increase capacity and result in self-sufficiency in maintaining the practices and improvements developed through this project. Seminole State has extensive experience managing several revenue sources to support criminal justice programming: the Center for Public Safety receives \$72,000/year from the Florida Department of Law Enforcement to offer FDLE re-certification training tuition-free to local officers, local agencies pay for periodic professional development training opportunities, and individual students enrolled in criminal justice programs pay tuition and fees to attend those programs. In terms of future revenue to sustain programming, the shoot house and the virtual reality lab will be made available for a fee to criminal justice training programs both inside and outside the state, increased enrollment in the AS degree in Criminal Justice Technology will translate into increased tuition revenue, and a proposed minimal increase in training fees charged to law enforcement to incorporate the new two-tier simulation exercises is not expected to meet resistance.

Because all new courses will be approved by the Seminole State curriculum committee, the new ATC will be submitted for state approval, and new curriculum modules will be designed to dovetail with existing common course alignment, all curriculum adjustments will be sustainable.

The sustainability plan also includes future expansion into other applicable programs within Seminole State. After the grant ends, Seminole State will utilize its increased capacity in the law enforcement program to facilitate faculty development of new interdisciplinary learning simulation activities in partnership with the College's other Public Safety programs (Fire Science and Emergency Medical Services). Efforts will identify shared curriculum content and technology/simulation facility uses that will provide students with training that better prepares them for the challenges of coordinating performance of duties involving multiple first responders.

H. Identify any certifications, degrees, etc. that will result from the completion of the program. Please include the Classification of Instructional Programs (CIP) code if applicable.

Completion of the new ATC program will result in the awarding of an Advanced Technical Certificate (CIP 43.0107).



I. Does this project have a local match amount?

Yes No

If yes, please describe the entity providing the match and the amount.

Seminole State College has committed to providing the land upon which the new shoot house will be built upon the awarding of this grant. The site is located at Seminole State's Geneva Center, which is home to Seminole County's only fully operational Public Safety Training Complex and Driving Track. A total of 168.49 acres in size, the property appraisers' valuation of the land is \$6,900 per acre based on the most recent assessment of land value, and the projected allocation of land to accommodate the size of the slab that will be needed for the shoot house (2,500 square feet) is approximately 1/2 acre (\$3,450). This land also includes a gun range, and a 4,950 square foot classroom building that includes two classrooms, three offices, and storage space.

In addition, the company that sells the Dauntless virtual reality system to be installed at the new shoot house has agreed to provide Seminole State with a 15 percent discount on the cost of the system, which is valued at \$81,750.

J. Provide any additional information or attachments to be considered for the proposal.

Please see attached letters of commitment from selected local law enforcement agencies, representing broad community and industry support for this project.

3. Program Budget

Estimated Costs and Sources of Funding: Include all applicable workforce training costs and other funding sources available to support the proposal.

A. Workforce Training Project Costs:

Equipment	<u>\$ 876,313</u>	
Personnel	<u>\$ 95,266</u>	
Facilities	<u>\$ 461,450</u>	
Tuition	<u>\$ 0</u>	
Training Materials	<u>\$ 52,380</u>	
Other	<u>\$ 72,081</u>	Please Specify:
Total Project Costs	<u>\$ 1,557,490</u>	

B. Other Workforce Training Project Funding Sources:

City/County	<u>\$ 0</u>	
Private Sources	<u>\$ 81,750</u>	
Other (grants, etc.)	<u>\$ 3,450</u>	Please Specify:
Total Other Funding	<u>\$ 85,200</u>	

Total Amount Requested	<u>\$ 1,472,290</u>
-------------------------------	----------------------------



Please Specify: Public safety and instructional design consultant experts to support development of curriculum modules for new advanced training certificate. (\$20,000); IT student stipends to work as a team to support development of curriculum modules and new virtual reality scenarios for new advanced training certificate, and to be involved in operation and maintenance of the system (\$5,000); Local mileage for PI and Co-PI project-related travel for outreach, networking, dissemination, meetings (at different campuses, at law enforcement agencies), etc. (\$1,602); Indirect costs (overhead) at USDHHS negotiated predetermined rate of 26.1% of total direct costs (less buildings, equipment, renovations, student tuition and support, and the portion of subawards exceeding \$25,000), effective 07/01/15-06/30/18 (\$45,479)

Please Specify: Value of land to be used for shoot house

Note: The total amount requested must equal the difference between the workforce training project costs in 3.A. and the other workforce training project funding sources in 3.B.

C. Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding, how equipment purchases will be associated with the training program, if applicable, and any other pertinent budget-related information.

GRANT REQUEST: \$1,472,290

EQUIPMENT – all to support creation of the previously described new two-tier training system

\$486,413 - Virtual reality system for advanced VR simulation training (vendor: Motion Reality) - state-of-the-art system for a 1,200 square foot space - includes truss, cameras, software, monitors, gear (wearable computers), 11 environments, delivery, installation, licensing, training (negotiated vendor discount)

\$381,000 - Shoot house (vendor: Action Target MATCH - Modular Armored Tactical Combat House) - 2,500 square feet, with configuration options

\$8,900 - Blackout drapes and pipe system set (vendor: UTM)

PERSONNEL AND FRINGES

\$19,840 – Principal Investigator (PI) - Dillard - day-to-day performance oversight - 196-day standard faculty contract - equivalent to 3 3-contact-hour releases (6 hours/week x 15 weeks/term = 90 hours x 3 releases = 270 hours x 2 terms (Spring, Summer A) = 540 hours/year x \$36.74/hour) - may be applied as overload instead.

\$2,412 - Co-PI - Lee - administrative oversight and support, negotiate partnerships



with other state training programs plus specifics for criminal justice focus in articulation agreement with Columbia College (preferred choice of public safety agencies) - \$402 monthly supplement x 6 months (Jan-June 2018)

\$5,040 - 2 faculty releases - may be applied as overload or used to pay adjuncts instead - \$28 per contact hour (2 terms - Spring, Summer, 45 hours per term for curriculum development - to develop new advanced certificate, including virtual reality scenario design and assessment)

\$6,300 - 2 faculty releases - may be applied as overload or used to pay adjuncts instead - \$35 per contact hour (2 terms (Spring, Summer), 45 hours per term for pilot testing new and updated instruction)

\$40,000 - 1 FT Student/Agency Relations Coach (TBH) - non-bargaining unit entry level exempt classification - to serve as dedicated primary case management-style contact for potential and existing participants, perform intrusive advising, encourage transfer, coordinate student events, coordinate with public safety agencies and Career Center for job preparation activities for participants

\$21,674 – Fringe Benefits – FICA 6.2%, FICA Medicare 1.45%, Retirement 7.92%, Health insurance \$770/month x 1 FTE, Workers Compensation 1.22%, Life insurance 0.19%.

FACILITIES

\$63,750 - Center for Public Safety lab space renovation (electrical, storage expansion) - \$50/square foot (1,275 square feet)

\$312,500 - Geneva ground preparation and concrete slab to be the base of the shoot house (includes electrical, etc.) - \$125/square foot (2,500 square feet)

TRAINING MATERIALS

\$24,000 - Simunition for updated non-VR simulation learning experiences \$1000 x 24 pistols (vendor: UTM 9mm 50 rounds @ \$30)

\$2,880 - Replacement pistol barrels to accommodate simunition option in existing training pistols - \$480 x 6 pistols

\$1,500 - Secure storage cabinets for equipment/supplies in renovated training lab \$500 x 3

\$6,000 - Additional simunition pistols to accommodate back-to-back rotational use of simulation lab (2nd group preps in classroom adjacent to lab used as staging area while 1st group completes simulation exercise) \$1,000 x 6 pistols

\$10,000 - Scenario environments - e.g., furniture, plants

\$5,000 - Computer/peripherals and office furniture for 1 new FTE

\$3,000 - Purchased and printed materials for student outreach, information dissemination, evaluation and reporting

OTHER



\$20,000 - Consultants - public safety and instructional design experts to support development of curriculum modules for new advanced training certificate. Subject matter experts will contribute to both the curriculum development process, as well as delivery of instructional pilot tests, sharing knowledge and expertise not currently possessed by faculty. It is imperative that input from industry experts be factored into the curriculum development process in order to meet the current and evolving needs of our community. Representatives from local law enforcement have committed to participate (see attached letters of commitment). (rate will be compliant with state and institutional procurement policies, and # days will vary depending upon need)

\$5,000 - IT student stipends to work as a team to support development of curriculum modules and new virtual reality scenarios for new advanced training certificate, and to be involved in operation and maintenance of the system. 5 students x \$1,000

\$1,602 - Local mileage for SSC PI and Co-PI project-related travel for outreach, networking, dissemination, meetings (at different campuses, at law enforcement agencies), etc. - Reimbursed at state rate of \$0.445 per mile x projected average 200 miles per month x 9 months x 2 individuals

\$45,479 –Indirect Costs - 26.1% of total direct costs, less buildings, individual items of equipment, alterations and renovations, student tuition and support costs, portion of subcontracts and subawards exceeding \$25,000 - USDHHS negotiated predetermined rate effective 07/01/15-06/30/18

TIMETABLE – (projected grant period: October 1, 2017 – June 30, 2018)

Quarter 1:

Prepare land at Geneva for shoot house
Renovate existing instructional lab space at Center for Public Safety
Begin ATC curriculum development

Quarter 2:

Install shoot house
Install virtual reality system
Complete ATC curriculum development
Train faculty in new curriculum and technology
Recruit students for new ATC program
Develop program information dissemination plan

Quarter 3:

Disseminate program information
Begin to offer ATC training program
Begin instructional design teams to add scenarios

\$381,000 - Shoot house (vendor: Action Target MATCH - Modular Armored Tactical Combat House) - 2,500 square feet, with configuration options



B. If approval of a board, commission, council or other group is needed prior to execution of an agreement between the entity and the Florida Department of Economic Opportunity:

i. Provide the schedule of upcoming meetings for the group for a period of at least six months.

Not applicable

ii. State whether that group can hold special meetings, and if so, upon how many days' notice.

Not applicable

C. Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the entity. This evidence may take a variety of forms, including but not limited to: a delegation of authority, citation to relevant laws or codes, policy documents, etc.

I, the undersigned, do hereby certify that I have express authority to sign this proposal on behalf of the above-described entity.

Name of Entity: Seminole State College of Florida

Name and Title of Authorized Representative: Dr. E. Ann McGee, President

Representative Signature: _____

Signature Date: _____

