	Piedmont Technical College NOTICE OF INTENT TO SOLE SOURCE	Sole Source # Date Issued Closing Date Procurement Officer Phone E-Mail Address	SS-25003 12/10/2024 12/17/2024 Brian K. McKenna (864) 941-8314 mckenna.b@ptc.edu
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Solicitation #: SS-25003

Posting Date: December 10, 2024

Based on the following determination, it is the intent of Piedmont Technical College (PTC) to proceed with the proposed procurement action described below pursuant to the authority of §11-35-1560 (A) of the SC Consolidated Procurement Code, in accordance with Regulation 19-445.2105 (B)(5).

PTC intends to negotiate and procure a Sole Source Procurement from:

L3 Harris
2961 West California Ave, Suite F
Salt Lake City, UT 84104

- One (1) PATROLSIM Law Enforcement Driving Simulator, hardware, software, and services.

L3 Harris is the Sole Source provider and Original Equipment Manufacturer (OEM) of the PATROLSIM Law Enforcement Driving Simulator. The L3 Harris PATROLSIM Law Enforcement Driving Simulator has unique and proprietary capabilities and features not found in other driving simulators. The L3 Harris PATROLSIM Law Enforcement Driving Simulator, content, and features is the only product of its kind that aligns with the colleges' specific curriculum requirements and student population needs. It has been specifically chosen for compatibility with the program's existing equipment for interconnectivity and teaching consistency in the classroom. Instructors have training on this equipment, and technical expertise is available locally.

Piedmont Technical College believes this is the only vendor capable of providing this product with these characteristics. This notice of Intent to Sole Source is to determine the availability of alternate vendors capable of providing the products/services outlined herein.

Estimated Value: \$ >\$50,000.00 but <\$250,000.00

Questions: Shall be addressed to the e-mail address of the Procurement Officer indicated above. This notice will be posted in the South Carolina Business Opportunities (SCBO) Newsletter for five business days as required by §11-35-1560 of the SC Consolidated Procurement Code.

Closing Date: Alternate vendors capable of providing these products/services must respond by email to Brian K. McKenna, Procurement Manager, at mckenna.b@ptc.edu no later than 5:00 PM on December 17, 2024.

PROTESTS (MAY 2019) If you are aggrieved in connection with the intended award of this contract, you may be entitled to protest, but only as provided in §11-35-4210. To protest an intended award of a contract pursuant to §11-35-1560, you shall (i) notify the chief procurement officer in writing of your intent to protest within five (5) business days of the date this intent to award is posted, and (ii) if the appropriate chief procurement officer has been timely notified of your intent to protest, you may submit your actual protest within fifteen days of the date this notice of intent to award is posted. Days are calculated as provided in §11-35-310(13). Both protests and notices of intent to protest must be in writing and must be received by the appropriate Chief Procurement Officer within the time provided. The grounds of the protest and the relief requested must be set forth with enough particularity to give notice of the issues to be decided. Any protest or notice of intent to protest must be addressed to the Chief Procurement Officer, Materials Management Office, and submitted in writing (a) by email to: protest-mmo@mmo.sc.gov or (b) by post or delivery to: 1201 Main Street, Suite 600, Columbia, SC 29201.

Unless otherwise suspended or cancelled, PTC will purchase these items. Contractor should not perform any work on or incur any costs associated with this notice prior to the receipt of a purchase order. PTC assumes no liability for any expenses incurred prior to issuance of a purchase order.

The Drug-Free Workplace certification must be obtained for Sole Source procurements greater than \$50,000.00.



L3HARRIS™
FAST. FORWARD.

PATROL SIM BUDGETARY QUOTE

PATROLSIM™ LAW ENFORCEMENT DRIVING SIMULATOR

Improve officer safety and driving behaviors during emergency vehicle operations

Over 95.4% of motor vehicle crashes are caused by driver behavior, more specifically, poor decision-making (NHTSA, 2008). Simulation-based training is a cost-effective tool to improve decision driving tactics, safe motor vehicle operations, pursuit management, and distracted driving.

IMPROVE DECISION MAKING

Officers get complacent over time when driving vehicles. This complacency leads to bad habits that need to be addressed for the safety of the officer and the public. Habits can be as simple as poor hand position on the steering wheel, not scanning the environment for hazards, switching between tasks.

PatrolSim™ introduces officers to challenging situations that target skill development and increase the trainee's situational awareness, self-awareness, and critical thinking skills. Scenarios are designed to get officers eyes down the road, maximizing reaction and decision making time when a hazard is presented.

A simulation-based training approach improves your driver's critical driving skills, enhance decision making abilities, and increase the safety of your staff and the community you serve.

SCENARIO BASED TRAINING

Agencies have found PatrolSim™ to be highly effective tool to replicate situations that have occurred using their own traffic incident reports. Scenarios provide training on hazardous situations too risky to replicate or control at a training facility, range or on the roads.

PatrolSim™ gives officers the opportunity to experience and fail scenarios safely without putting public safety at risk. Scenarios focus on orientation, scanning, road hazards, critical thinking, and negotiating traffic in different conditions. Scenarios developed by law enforcement for law enforcement are targeted to tackle agency high risk areas.

REINFORCE POLICIES

The days of just reading policy are over. Simulator training gives agencies the opportunity to put officers in situations in which they have to apply policies and procedures in rapidly evolving scenarios. Do you know your policy? Can you apply policy in the scenario as it is presented.

A proven interactive tool to immerse officers and reinforce department policy and explain why they policy is in place.

Officers have to learn to prioritize actions using all of their equipment available. Real world distractions can be incorporated into the training environment. MDT, siren, radio, phone, etc can distract if the officer allows it.



IMPROVE DRIVER SAFETY

- > Reduce officer complacency
- > Replicate agency collisions
- > Cognitive awareness tool
- > Reinforce policies and procedures
- > Reduce vehicle damage
- > Cost-effective training tool

DECISION MAKING SKILLS

- > Risk-free environment
- > Situational awareness
- > Practice decision driving tactics
- > Heavy traffic & intersection clearing
- > Head scanning techniques
- > Distracted driving
- > Pedestrian awareness

ON-THE-JOB PREPAREDNESS

- > Scenario-based training system
- > Traffic stops and pursuits
- > Coordinated responses
- > Improve vehicle handling skills
- > PIT maneuvers
- > Skills driving range course

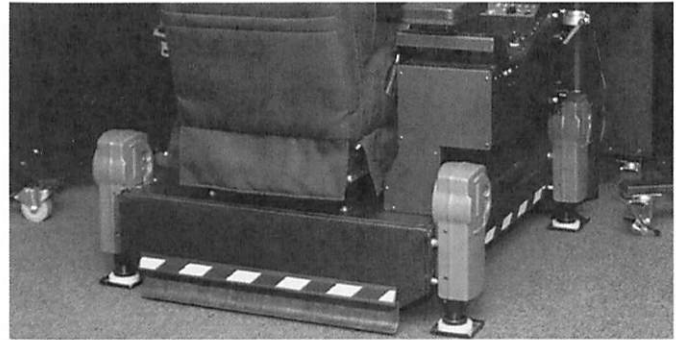
Ideal training tools for municipal, state, and federal agencies.

KEY FEATURES

- > Three-channel, 4K-ready visual display system with 180° field-of-view for enhanced immersion
- > Modern driving compartment design based on Ford Interceptor with simulated
- > MDC touchscreen display, adjustable console panels for siren and light controls, and VON radio communications
- > Force loaded steering coupled with advanced vehicle dynamics validated against OEM test track performance data provides real-time feedback to the driver.
- > Versatile design allows you to load and drive multiple vehicle types with appropriate driving dynamics, gauges and visuals.
- > Standard driver performance scoring system generates simple assessment scorecard for each driver tracking speed, lane changes, use of mic, etc.
- > Optional electronic motion base system delivers increased fidelity and immersive feel that responds to road vibrations, acceleration, braking, and turns.
- > Trailer options available to outfit in a mobile driver training center complete with on-site classroom and instructors.

DRIVER TRAINING SOLUTIONS FOR LAW ENFORCEMENT

- > Blended learning environment
- > Performance assessment scoring
- > Immersive driving simulators
- > Mobile training center trailers
- > Higher transfer of learning and increased retention
- > Year round training capability



ADVANCED 3DOF MOTION SYSTEM

Advanced Motion Base, powered by D-Box, allows for real-time motion response and road feedback



MODERN VEHICLE DESIGN

Concurrent console design is adjustable to place siren controls, lights, and mic in accessible positions



VERSATILITY

Glass Dash display allows versatile way to load different vehicles with appropriate vehicle dynamics, gauges and visuals.

These item(s)/data have been reviewed in accordance with the International Traffic in Arms Regulations (ITAR), 22 CFR part 120.11, and the Export Administration Regulations (EAR), 15 CFR 734(3)(b)(3), and may be released without export restrictions.



L3HARRIS™
FAST. FORWARD.

2961 West California Ave, Ste F
Salt Lake City, UT 84104
385.226.7475
Richard.Griffin@L3Harris.com

PATROL SIM BUDGETARY QUOTE

Pricing Sheet

Units	Description	Part Number	Unit Price	Subtotal	Discount	Price
Training Systems						
1	Instructor Operator System (IOS)	UT09022	\$7,500	\$7,500	20%	\$6,000
1	PatrolSim 8 Law Enforcement Driving Simulator Fully-shrouded, realistic driver compartment/cabin Powerful image generation processing platform: Intel i7 4.9 GHz processor, super fast NVMS SSD, GeForce RTX 4070 video and graphics Replica Ford Police Interceptor Dashboard, Seat, Radio, MDT Automotive OEM seat, restraint, steering wheel, pedals, brake controls and transmission controls virtual pan, and optional over-the-shoulder view), presented on 4K Ultra High-Definition displays Realistic, software-defined instrumentation Operator touch-screen interface for driver scenario and instruction control and unique vehicle interfaces Ford OEM transmission control 5.1 Surround Sound with tactile vibration and "rumble" sound transducer Force-feedback braking Force-feedback, realistic steering OEM, responsive and realistic pedals Advanced Unreal Engine graphics, with industry-best realism and detail Exclusive automotive physics engine with real vehicle behavior Baseline Urban, Suburban, Rural, Freeway, Skidpad, Mountain, Snow virtual environments Hundreds of simulated impeding conditions, obstacles and malfunctions including fog, snow, rain, wind, ice, glare, intoxication, rail crossing, pedestrians, animals, tire blow-out, brake failure, etc >120+ included pedagogically rigorous scenarios L3Harris Scenario-Builder™ software for custom user customization and build-from-scratch curriculum Complete scenario recording and playback with "DVR" functionality Baseline, single-page individual assessment and scoring Learning Management System for full control of lesson plans, scenario presentation and student database. Law Enforcement Bundle Law Enforcement Vehicles PIT Maneuver Skills Range / Driving Track EVP 2 Scenarios POST Certified Scenarios Novice Driving Scenarios DUI Scenarios EMS Vehicles & Scenarios Virtual Environments Expansion Package (1 per IOS) Advanced airport, coal mine, construction site, desert, dirt road, indoor trucking course, mountain forest, oil field, swamp virtual environments and more.	UT09876	\$96,500	\$96,500	20%	\$77,200
Software Options						
1	Skillset Assessment Software (no cost option, 1 per IOS) Advanced SkillSet™ assessment software with additional metrics, student evaluation and extended reporting continuously monitoring more than 40 driving behavior parameters.	UT04462	\$5,000	\$5,000	100%	\$0
Hardware Options						
Unless otherwise noted all hardware purchases after original delivery will require minimum 2-Day Field Services						
1	Instructor Headset w/ Microphone Voice-Over-Network Communications System	UT04285	\$1,000	\$1,000	20%	\$800
1	D-Box Gen3 Motion Base One per simulator.	UT09437	\$18,000	\$18,000	20%	\$14,400
Content Packages						
1	2021 LE Pursuit Course (8)	UT09670	\$2,500	\$2,500	100%	\$0
Services						
1	Standard Installation (included) Installation (one site, coincides with training)	UTINSTALL	\$5,000	\$5,000	100%	\$0
1	Basic Maintenance and Operations Training - On-Site Up to two (2) consecutive days (Coincides with Installation) Up to four (4) people	UTSTRAINING	\$2,500	\$2,500	100%	\$0
1	Lifetime Customer Support (Per Simulator) work hours. Software updates included.	UTSWARRANTY	\$2,500	\$2,500	100%	\$0
1	Premium Full-Service Warranty (Per Simulator) First Year Premium Full-Service Warranty included. Includes parts and field service maintenance. Priority shipment. Software updates and remote installation	UTSWARRANTY	\$9,500	\$9,500	100%	\$0
1	Shipping & Handling (CONUS for single site only) Packing and shipping costs to continental United States	UTSSHIPPING	\$5,000	\$5,000	100%	\$0
Total Price:						\$98,400

SS-25003



SOLE SOURCE

JUSTIFICATION FOR SOLE SOURCE PROCUREMENT

SOLE SOURCE CHECKLIST

Based upon the following determination, the proposed procurement action described below is being procured pursuant to the authority of Section 11-35-1560 of the South Carolina Procurement Code and 19-445.2105 of the Rules and Regulations, 1976 South Carolina Code of Laws.

(1) Piedmont Technical College proposes to negotiate and procure:

L3Harris Patrol Driving Simulator

(2) As a Sole Source procurement from:

L3Harris Patrol Driving Simulator
2961 W. California Ave., Suite F
Salt Lake City, UT 84104

(3) On the basis of:

Meeting the needs of new/current criminal justice students. This system will provide the needs of the operation of a patrol vehicle and attention to objects surrounding. L3Harris is the the sole source with their office located at 2961 W. California Ave., Suite F. Salt Lake City, UT 84104

Piedmont Technical College believes this is the only vendor capable of providing these products/services.

Courtney Smith	<small>Digitally signed by Courtney Smith DN: cn=Courtney Smith, gn=Courtney Smith, c=US, United States, #US, United States Reason: I am the author of this document Location: Date: 2024.11.20 13:37:05.00</small>	11/21/2024
REQUESTOR	SIGNATURE	DATE
Menka Brown	<small>Digitally signed by Menka Brown Date: 2024.11.21 08:05:31 -05'00'</small>	11/21/2024
SUPERVISOR/DEAN	SIGNATURE	DATE
K. Paige Childs	<small>Digitally signed by K. Paige Childs DN: cn=K. Paige Childs, gn=K. Paige Childs, c=US, United States, #US, United States, #Piedmont Technical College, #Business, Finance, and Facilities, #KPaigeC, #KPaigeC Reason: I am approving this document Location: Date: 2024.11.22 08:46:05.00</small>	
V.P. BUSINESS/FINANCE OR PRESIDENT	SIGNATURE	DATE

- NOTES:
- (1) Enter description of goods or services to be procured.
 - (2) Enter name of sole source contractor.
 - (3) Enter the determination and basis for sole source procurement.

The Drug-free Work Place certification must be obtained for sole source procurements greater than \$50,000.