



To: Charles Wilson, Superintendent
From: Bethany Gilliam, CTAE Director
Date: June 27, 2024
Re: Heavy Equipment Simulator Purchase Pending Grant Approval

Attached is the quote and bid sheet for the purchase of four heavy equipment simulators. This purchase is pending notification of receiving the Heavy Equipment Operations Pathway Simulator Grant from Ga DOE. We submitted our application on June 18, 2024 and should receive notification either way after the State Board of Education meeting on July 17, 2024. If our application for the grant is not approved, we will not purchase these simulators at this time. If you have any questions, please feel free to contact me.

Bethany Gilliam
CTAE Director
bgilliam@bullochschools.org



Simformotion™ LLC is the licensee for Cat® Simulators for Caterpillar Inc.

316 SW Washington Street, Suite 300 Peoria, IL 61602 USA

T + (309) 670-3200 F 309-263-0127 Tax ID 36-4643456 www.simformotion.com

CUSTOMER		SHIP TO	
South East Bulloch High School 9184 Brooklet-Denmark Rd. Brooklet, GA 30415 + (770) 428-2631 ext 5194		South East Bulloch High School 9184 Brooklet-Denmark Rd. Brooklet, GA 30415 + (770) 428-2631	
Quote Date	6/27/2024	Currency	USD
Account Manager	Nate Hurn	Payment Term	PrePay
		Shipping Method	Real Time Shipping Method

Item Name	Qty	Item Description	Sales Price	Disc	Net Price	Ext Price
G4-CBU-M	4	Simulator Base Unit on 120v Motion	\$ 33,637.57	.00%	\$ 33,637.57	\$ 134,550.28
G4-MBL-KIT-M	4	Simulator Mobility Kit- For Motion	\$ 1,625.03	.00%	\$ 1,625.03	\$ 6,500.12
G4-NGD-CONV3-NS	4	Next Gen Dozer Conversion Kit	\$ 21,813.13	.00%	\$ 21,813.13	\$ 87,252.52
G4-EXC-CONV3-NS	4	Excavator Conversion Kit	\$ 21,813.13	.00%	\$ 21,813.13	\$ 87,252.52
G4-AEXC-BNDL	4	Adv. Excavator Bundle	\$ 0.00	.00%	\$ 0.00	\$ 0.00
MGR-WS2	1	Manager's Workstation w/ PC & Router (CWT)	\$ 8,444.56	.00%	\$ 8,444.56	\$ 8,444.56
ACCE1114	4	50ft. Network Patch Cable (2158)	\$ 0.00	.00%	\$ 0.00	\$ 0.00
SPPT36	4	Technical Support 3 Yr. Subscription (\$725/Yr. Renewal)	\$ 0.00	.00%	\$ 0.00	\$ 0.00
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SPPT36	4	Technical Support 3 Yr. Subscription (\$725/Yr. Renewal)	\$ 0.00	.00%	\$ 0.00	\$ 0.00
SSC-EXC	1	SimScholars™ 1 Yr. Curriculum Subscription Excavator Curriculum (\$1998/Yr. Renewal)	\$ 0.00	.00%	\$ 0.00	\$ 0.00
SSC-AEXC	1	SimScholars™ 1 Yr. Curriculum Subscription Adv. Excavator (\$1998/Yr. Renewal)	\$ 0.00	.00%	\$ 0.00	\$ 0.00
SSC-TTT	1	SimScholars™ 1 Yr. Curriculum Subscription Dozer (\$1998/Yr. Renewal)	\$ 0.00	.00%	\$ 0.00	\$ 0.00
LBR0014	1	Installation & Training II: Learning to get the Most out of Your Simulator	\$ 0.00	.00%	\$ 0.00	\$ 0.00

Sub Total	\$ 324,000.00
Freight	\$ 0.00
Other Name	\$ 0.00
Estimated Sales Tax	\$ 0.00
Due Total	\$ 324,000.00
Credit	\$ 0.00
Payments	\$ 0.00
Balance	\$ 324,000.00

NOTES

Note: Organizations that qualify for Tax Exempt Status must provide Simformotion LLC with appropriate exemption documentation before ordering or all applicable taxes will be applied to the Sales Order.

Note: On-site installation and training schedule is based on trainer availability and global travel alerts/warnings (where applicable). Discuss any questions about installation and training with your Account Manager.

These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

Simformotion LLC's Terms & Conditions of sale apply. Prices listed here are good for 30 days from date. International Terms of Sale: CIP (All overseas taxes and import fees are the responsibility of the purchaser.)

Acceptance of Quote or Sales Order is subject to our standard terms & conditions of sale located:
<http://catsimulators.com/customer-service/>

Simformotion : Confidential Yellow



April 26, 2024

Re: Caterpillar Inc. and Simformotion™ LLC Agreement for Cat® Simulators

Dear Customer,

Since 2009, Simformotion has been licensed to produce Cat branded simulators. Under the licensing agreement, Caterpillar provides machine technical data, engineering specifications, audio recordings of machine sounds and subject-matter experts for realism and training content. Simformotion brings superior software and hardware development, production, and 24x7 support to its customers.

Caterpillar is committed to helping customers get the most efficiency, production, and longevity from their machines. That begins with well-trained operators who know how to properly use and maintain machines. Operators trained using Cat Simulators can learn and master machine applications and techniques faster than with traditional methods of training.

Caterpillar and Simformotion are dedicated to developing the most realistic training simulators on the market. They are sold in countries around the world to train heavy equipment operators efficiently, effectively and safely.

Organizations considering the purchase of heavy equipment simulators should consider the benefits and value of Cat Simulators.

Sincerely,

A handwritten signature in black ink, appearing to read "Nick Striegel".

Nick Striegel
Operator Curriculum & Simulator Program Manager
Caterpillar Inc.
5801 N. Smith Rd.
Edwards, Illinois 61528
Phone: 309.494.1492
Email: striegel_nicholas_j@cat.com



January 4, 2024

Simformotion™ LLC
A Licensee for Cat® Simulators for
Caterpillar Inc.

316 SW Washington St., Suite 300
Peoria, IL 61602

Simformotion LLC (dba Cat Simulators) is the sole distributor of Cat Simulators. There are no other distributors of Cat Simulators. Since 2009, Simformotion has been licensed to produce Cat branded simulators. Under the licensing agreement, Caterpillar provides machine technical data, engineering specifications, audio recordings of machine sounds and subject-matter experts for realism and training content. Simformotion brings superior software and hardware development, production and 24x7 support to its customers.

Cat Simulators has the following unique capabilities that no other simulator providers offer:

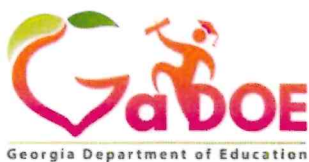
- The expertise from the worldwide leader in heavy equipment in development
- Caterpillar OEM controls
- Convertible application with the chassis to be used with various applications in the Forestry, Construction or Mining industries.
 - The conversion kits available for the full simulator chassis include the applications of Track Feller Buncher, FM Log Loader, Medium Track Type Tractor, Advanced Dozer, Larger Track Type Tractor, Small Wheel Loader, Large Wheel Loader, Mining Truck, Off Highway Truck, Underground Load Haul Dump, Electric Rope Shovel, Hydraulic Excavator, Advanced Construction Excavator, Motor Grader, Articulated Truck, Backhoe.
- SimLite family of simulators
- SimScholars Curriculum training
- Multiple monitor configurations
- Optional Virtual Reality capability for select simulators
- Motion system with 3-Degrees of Freedom
- Mobility module that allows for ease of transport
- SimU Campus
 - Records reporting software that tracks the progress of the operator
 - Benchmarks set by Caterpillar expert operators with ability to customize benchmarks to fit the need of the instructor/operator
- Live, US based, support department available 24x7x365

Caterpillar is committed to helping customers get the most efficiency, production and longevity from their machines. That begins with well-trained operators who know how to use and maintain machines correctly. Operators trained using Cat Simulators can learn and master machine applications and techniques faster than with traditional methods of training.

Caterpillar and Simformotion are dedicated to developing the most realistic training simulators on the market. Cat Simulators are sold in countries around the world to train heavy equipment operators efficiently, effectively and safely. Organizations considering the purchase of heavy equipment simulators should consider the benefits and value of Cat Simulators.

Heavy Equipment Operations Pathway Simulator Grant

Career, Technical, and Agricultural Education
2024-25



May 28, 2024



Heavy Equipment Operations Pathway Simulator Grant Overview

2024-25

Application Release: May 28, 2024

Application Due: June 18, 2024, 5 p.m.

Grant Purpose

The Heavy Equipment Operations Pathway Simulator Grant is intended to support the Heavy Equipment Operations Pathway in grades 9-12 with the purchase of industry-standard heavy equipment simulators.

Grant Funds Available: A maximum of \$3,000,000 will be awarded in grants for the 2024-25 school year, up to \$324,000 per program.

Required Documents

- I. [Grant Application Form](#), Supplemental or revised proposal formats, attachments, or information, either from the applicant agency or other sources will not be accepted.
- II. [Budget Template](#), uploaded within application form
- III. [Classroom Design Layout](#), uploaded within application form
- IV. [Signature Form](#), uploaded within application form

Contact Information

Roger Ivey
Program Manager-CTAE Program Delivery
Career, Technical, and Agricultural Education
Georgia Department of Education
205 Jesse Hill Jr. Dr. SE
1562 Twin Towers East
Atlanta, Georgia 30334
rivey@doe.k12.ga.us

Grant Award Notifications

Grant awards are not final until approved by the State Board of Education (SBOE), and an award notification is sent from GaDOE to the CTAE Director via email. Grant Award Notifications (GANs) will be uploaded into the Consolidated Application (ConApp) on the MyGaDOE Portal. The level of funding and effective dates of the grant are included in the GAN. Grantees may not obligate funds before receiving the official GAN.

Grant Requirements

GaDOE is responsible for establishing and monitoring the distribution of funds to awardees, plan implementation, progress toward meeting goals/objectives/intended outcomes, data collection/results, and fiscal reporting. Signatures of grant assurances will be collected on the [Assurances and Signature Form](#).

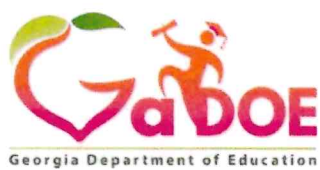
Grantee Program Requirements

- All programs, services, and activities covered by this Grant Application will be operated in accordance with state and federal laws, regulations, and approved rules as established by the State Board of Education and the State Plan for Career and Technical Education.
- Funding will be allocated in accordance with state and federal laws, regulations, and approved rules as established by the State Board of Education and is targeted toward schools that have not received Capital Equipment Grants during the past ten years.
- Business and Industry partners assist in the decision to pursue this grant and will be included in the selection and implementation of the new equipment.
- If the program closes within 5-years the system will inform the GADOE Program Specialist and follow CRE Grant Guidance for equipment redistribution.
- System must commit to continuous Industry Certification or Recertification of the program to maintain an industry aligned program if funding is received and achieve initial program certification by FY26.
- The system will commit to providing reasonable access for additional utilization by local Technical Colleges and other industry partners in order to maximize the state workforce investment.
- System must commit to increasing the number of students obtaining industry-recognized credentials.
- System will ensure that simulators are kept in a secure, dust-free environment (i.e. not stored in a construction lab).
- System will implement Capstone Projects. Capstone Projects will be planned and implemented by industry advisory council and approved by system CTAE Director and High School Principal for all pathway participants trained on simulators at the conclusion of the "Intro to Heavy Equipment" and "HEO 1" courses. The program will establish a lead partnership with an employer who specializes in the use of heavy equipment. Students will utilize live equipment provided by the employer, at the expense of the employer, to demonstrate the skills developed utilizing the HEO simulators.

- System will provide to the Georgia Department of Education annual data of workforce impacts delivered by program grantee in the areas of student retention in the program by course level, student and graduate placement in industry-related career paths, industry credentials earned by students, industry awareness interactions, community projects, and Advisory Committee activities. This will be a 5-year commitment to sharing key workforce data and reflections/feedback.
 - Examples of Student Retention by Course Level in Pathway:
 - “Industry Fundamentals and Occupational Safety” to “Intro to Heavy Equipment” (100 Students to 60 Students, 60% Retention)
 - “Intro to Heavy Equipment” to “Heavy Equipment Operations I” (60 Students to 30 Students, 50% Retention)
 - Total Pathway Retention (100 Students to 30 Students, 30% Retention)
 - Examples of Industry-Related Career Path Placements:
 - WBL/YAP, full-time or part-time employment, apprenticeship or industry-related post-secondary pursuits
 - Examples of Industry Awareness Interactions:
 - Industry-led demonstrations or lab exercises, industry guest speakers, job-site or employer office visits, trade competitions

Grant Implementation: Fiscal and Impact Monitoring

- **Fiscal Monitoring:**
 - All purchases must follow the approved budget that is submitted with the application.
 - All requests for reimbursements will utilize the Invoice Application in the Consolidated Application and will require that invoices for items purchased be submitted.
- **Impact Monitoring:**
 - The GaDOE Program Specialist for ACCT will send a yearly data form to the LEA for completion and submission. GaDOE will review the following workforce impact data annually.
 - Pathway Enrollment/Retention
 - Student/Graduate Industry Placements
 - Industry Credentials Delivered
 - Industry Awareness Interactions
 - Construction Site Visits
 - Industry Guest Speakers
 - Post-Secondary Guest Speakers (Apprenticeship, TCSG, etc.)



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Atlanta, GA 30334
www.gadoe.org



@georgiadeptofed

Richard Woods, State School Superintendent
Educating Georgia's Future