

MEMORANDUM

TO: NWABSD Board of Education
Members

DATE: March 10, 2026

NUMBER: 26-106

FR: Office of the Superintendent

SUBJECT: Approval of MOA with Cat
Simulators - Simformation

ABSTRACT:

The administration requests School Board approval to enter into a contract with Simformation, Cat Simulators, in the amount of \$186,902.81 to upgrade the current CAT simulators and purchase a new large wheel loader. Simformation staff will install the simulators.

ISSUE:

At issue is the approval of a Memorandum of Agreement (MOA) with Simformation, Cat Simulators. All MOAs that exceed \$50,000 require Board approval.

BACKGROUND AND/OR PERTINENT INFORMATION:

This Memorandum of Agreement (MOA) will allocate funds from the Technical Vocational Education Program (TVEP). The CAT simulators at the ATC are approximately fourteen years old and currently out of service. The dozer and excavator simulators can be upgraded with Gen2 technology. ATC is seeking to establish an agreement with Simformation to upgrade two existing Cat Simulators at ATC with new computers, software, and screen components. Additionally, a third simulator, a large wheel loader, will be added. Staff from Simformation will be onsite to install and set up the simulators and to train staff in operating the equipment.

Funding: TVEP Grant

ALTERNATIVES:

1. Approve the MOA with Simformation in the amount not to exceed \$186,902.81 as presented;
2. Disapprove the MOA with Simformation as presented;
3. Take no final action.

ADMINISTRATION'S RECOMMENDATION:

The administration recommends that the Board approve the Memorandum of Agreement with Northern Industrial Training in the amount not to exceed \$186,902.81 as presented.

WHERE TRAINING MEETS TECHNOLOGY



**PRODUCTIVITY
COST SAVINGS
SAFETY
SKILLS**

CAT[®] SIMULATORS



TRAINING MAKES THE DIFFERENCE

Cat® Simulators virtual training provides a way for operators to gain familiarization of machine controls, learn proper operating procedures, and develop safe habits before training on actual machines.

The simulated environment offers a safe place to learn and make mistakes without harm to the jobsite, machines or personnel.

Discover the benefits!

Production

- Machine is open for production on job sites
- Reduced maintenance
- Longer engine life
- Refine skills to improve production

Cost Savings

- No fuel costs
- No engine-use hours
- Actual machinery is left open for billable work
- Possible benefit from lower insurance premiums

Mobility

- Compact and easily portable to job sites, customer sites or marketing events
- Mount on a rolling platform or outfit a travel trailer



Safety

- Practice difficult maneuvers repeatedly until fully mastered
- Experience machine exercises in a safe environment
- Decrease operator anxiety in a controlled environment
- Learn specific safe operating procedures; break bad habits

Flexibility

- Train anytime day or night, regardless of weather conditions
- Train multiple operators, on multiple machines, at one time

Skills Assessment

- Screen operator hires
- Track operator training performance through built-in testing
- Address ergonomic issues
- Preview motor skills use

CAT® SIMULATORS

learn@catsimulators.com
1.309.266.2640
www.catsimulators.com



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WHY TRAIN WITH AUTHENTIC CONTROLS?

Cat® Simulators feature authentic Cat controls. Operators learn the same procedures as in the actual machine. This means operators can make a seamless transition to the field.



Actual Machine Cab



Simulated Machine Cab

Genuine Cat® Controls



Discover the Benefits

Authentic hardware makes a difference:

- **Convertible controls:** Change from one machine model to another on the same base frame.
- **Motion capable:** Experience vibration and movement when the simulated machine is running during training exercises.
- **Adjustable seat:** Realistic seat just like the actual machine.
- **Working seatbelt:** Fail the exercise if you don't buckle up.
- **Proprietary machine and engineering data:** Make Cat Simulators the most realistic heavy equipment simulator available.
- **Cat Simulators is a Caterpillar-licensed brand.**

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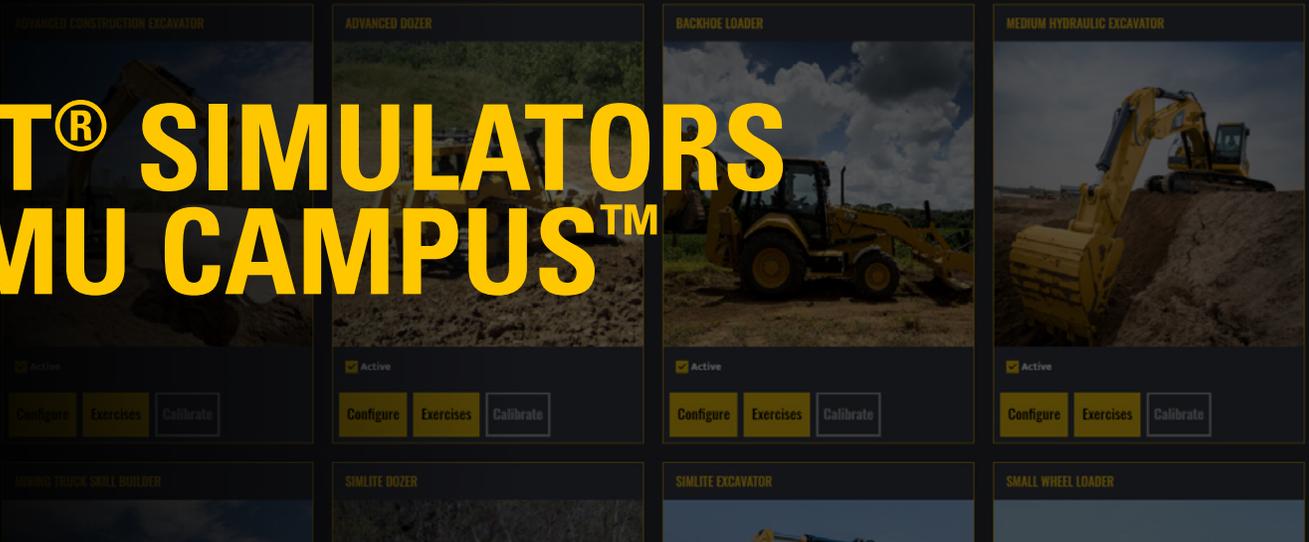


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MANAGE SIMULATORS

CAT® SIMULATORS SIMU CAMPUS™



SimU Campus™, the built-in reporting software found in each Cat® Simulators system, is now more powerful than ever. The new version categorizes important metrics/benchmarks by Safety, Production, and Maintenance, making it easier to view learner results. The customizable dashboard enables instructors to track learner progress, easily view pass/fail metrics and more.

- **Dashboards.** Adjust the Instructor Dashboard with the new settings options. Choose which reports to view on the Reports Dashboard.
- **Add Users.** Easily add students/users.
- **Import Data.** Import data to view students' results and determine areas that need focus and improvement.
- **Manage Classes.** Set up classes with the Wizard, then easily manage them.
- **View Class Detail.** See which students are enrolled in each class and the progress they are making.



Generate Dynamic Reports

- **Multiple Instructors.** Multiple instructors can now manage one class.
- **Practice & Exam Modes.** Save both practice mode and exam mode to a database.
- **Drag & Drop Options.** Use drag and drop options throughout the site.
- **Unlimited Classes and Users/Students.** Set up different class and student combinations.
- **Archived Classes.** Reuse archived classes.

Benefits

- **Allow simultaneous operation** of multiple simulator training stations.
- **Network to a Manager's Workstation** to capture and manage data from multiple simulators.
- **Change benchmarks and critical failure details**, depending on the learner's skill level.
- **Manage simulator use** by authorizing different classes to specified simulators.



Learn More
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QUOTE DATE:
03/04/2026

QUOTE
QU-1849

QUOTE EXPIRATION:
04/03/2026

ACCOUNT MANAGER:
Jonathan Laberdia

BILL TO	SHIP TO
Alaska Technical Center PO Box 51 Kotzebue, AK 99752 United States of America	Alaska Technical Center PO Box 51 Kotzebue, AK 99752 US SHIPPING METHOD UPS SCS Air Freight

PART NUMBER	QTY	ITEM DESCRIPTION	SALES PRICE	DISC	NET PRICE	EXT PRICE
G4-WH-UC-TTT	1	G2 to G4 Upgrade for Wiring and New Computer for TTT ONLY *SIM20120020	\$12,245.05	5.00%	\$11,632.80	\$11,632.80
G4-CBU-MS-U4	1	G4 CBU Upgrade to 3 Screen with front and rear MS (no computer) *SIM20120020	\$7,118.36	5.00%	\$6,762.44	\$6,762.44
G4-WH-UC-HEX	1	G2 to G4 Upgrade for Wiring and New Computer for HEX ONLY *SIM20120019	\$9,971.68	5.00%	\$9,473.10	\$9,473.10
G4-CBU-MS-U3	1	G4 CBU Upgrade to 3 Screen with front MS (no computer) *SIM20120020	\$4,363.04	5.00%	\$4,144.89	\$4,144.89
G4-EXC-U	1	Excavator Simulator Software Upgrade from HAVOK to UNITY	\$2,999.00	5.00%	\$2,849.05	\$2,849.05
INST-WS3	1	Instructor's Workstation w Laptop and Router	\$2,824.50	5.00%	\$2,683.28	\$2,683.28
G4-LWL-CMM3	1	Large Wheel Loader Simulator System with 3DOF Motion Platform	\$107,510.63	5.00%	\$102,135.10	\$102,135.10
G4-MBL-KIT-M	1	Simulator Mobility Kit- For Motion	\$1,771.50	5.00%	\$1,682.93	\$1,682.93
SPPT36R	2	Technical Support 3 Yr. Subscription Renewal *TTT and HEX	\$2,223.63	0.00%	\$2,223.63	\$4,447.26
SPPT36	1	Technical Support 3 Yr. Subscription (\$797/Yr. Renewal)	\$0.00	0.00%	\$0.00	\$0.00
SSC-12	3	SimScholars(TM) 1 Yr. Curriculum Subscription (\$1998/Yr. Renewal)	\$0.00	0.00%	\$0.00	\$0.00
LBR0014	1	Installation & Training II: Learning to get the Most out of Your Simulator	\$9,001.23	0.00%	\$9,001.23	\$9,001.23

ACCE1114	3	50ft. Network Patch Cable (2158)	\$0.00	0.00%	\$0.00	\$0.00
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- Notes:**
- 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.
 - 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.)
 - EULA (<https://simformotion.com/end-user-license-agreement/>)

Sub Total	\$154,812.08
Freight	\$32,090.73
Estimated Sales Tax	\$0.00
Due Total	\$186,902.81
Currency	\$
Payment Term	PrePay

CAT[®] SIMULATORS LARGE WHEEL LOADER



Note: Image for size only.

Full simulator package features hardware base unit, three vertically hung 43" monitors, authentic convertible controls, motion system, software with onscreen tutorial, and training records management tool. Training exercises included:

- **Walkaround.** Learn pre-operation machine inspection procedures.
- **Controls.** Learn and understand operator controls.
- **System Test.** Learn how to test different systems, including the Backup Alarm Test, Service Brake Test, Parking Brake Test, Secondary Steering Test and more.
- **Driving.** Learn to operate the unloaded machine uphill, downhill, long distance and through turns.
- **Loading And Dumping The Bucket.** Learn to load an empty bucket with material and unload into a 777G Off-Highway Truck.
- **Load And Carry.** Learn to load at a stockpile and carry material with the bucket.
- **Dumping Into Crusher.** Learn the proper techniques to load the bucket with material and feed it into the rock crusher.
- **Truck Loading.** Learn proper spotting, loading and V-pattern techniques to load a 777G Off-Highway Truck.
- **Open Training.** Practice and improve skills learned through individualized training in either the quarry pit or at the top of the quarry.

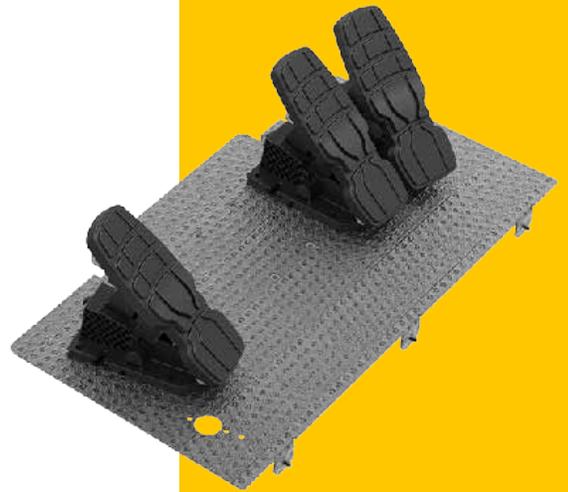
Experience More Features



- **Built with authentic Cat® controls.**
- **Multiple languages.**
- **SimU Campus™ Training Records Management.** Record and report the results of simulation sessions to track user progress.
- **SimScholars™ Curriculum.** Available turnkey, online solution for blended learning program. Lessons, instructor guide, quizzes, tests, videos and more for classroom or remote learning.

Discover the Benefits

- **Built with the expertise of Caterpillar subject-matter experts.**
- **Convertible controls:** Change from one machine model to another on the same frame.
- **Backed by full 24x7 technical support.**
- **Cat Simulators is a Caterpillar-licensed brand.**



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