



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header @ 1

List View

General Information | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#) | [Clarification Request](#)

Procurement Folder: 1387129

Procurement Type: Central Purchase Order

Vendor ID: VS0000017907 

Legal Name: VIRAGE SIMULATION INC

Alias/DBA:

Total Bid: \$497,900.00

Response Date: 03/12/2024 

Response Time: 21:44

Responded By User ID: VIRSIM 

First Name: Danny

Last Name: Grenier

Email: sales@viragesimulation.co

Phone: 514-856-1556

SO Doc Code: CRFQ

SO Dept: 0803

SO Doc ID: DOT240000076

Published Date: 3/11/24

Close Date: 3/14/24

Close Time: 13:30

Status: Closed

Solicitation Description: ADDENDUM NO_1 Truck Driving Simulators w/ Snowplow (81240108)

Total of Header Attachments: 1

Total of All Attachments: 1



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 1387129
Solicitation Description: ADDENDUM NO_1 Truck Driving Simulators w/Snowplow (81240108)
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2024-03-14 13:30	SR 0803 ESR03122400000004904	1

VENDOR
 VS0000017907
 VIRAGE SIMULATION INC

Solicitation Number: CRFQ 0803 DOT2400000076

Total Bid: 497900

Response Date: 2024-03-12

Response Time: 21:44:20

Comments: All discounts are included in the unit price. Virage Simulation has offered the best Cooperative Purchasing pricing with free shipping. Virage Simulation has also included a complimentary one-year extended warranty with support, software updates, and onsite preventive maintenance, free of charge (value of \$34,500).

FOR INFORMATION CONTACT THE BUYER

John W Estep
 304-558-2566
 john.w.estep@wv.gov

Vendor
Signature X

FEIN#

DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Truck Driving Simulators - Parkersburg location	2.00000	EA	124475.000000	248950.00

Comm Code	Manufacturer	Specification	Model #
25191736			

Commodity Line Comments: Total price of \$248,950 for two Virage VS600M shipped to this location.

Extended Description:

Truck Driving Simulator w/on-site training & snowplow package
Qty (2)
Ship to:
Eagles Building WVDOH, 627 Lubeck Avenue, Parkersburg WV 26101
Attn: Aaron Stroud 304-642-5469
Delivery and install must be prior to June 30, 2024

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Truck Driving Simulators - Buckhannon location	2.00000	EA	124475.000000	248950.00

Comm Code	Manufacturer	Specification	Model #
25191736			

Commodity Line Comments: Total price of \$248,950 for two Virage VS600M shipped to this location.

Extended Description:

Truck Driving Simulator w/on-site training & snowplow package
Qty (2)
Ship to:
Equipment Training Academy, 83 Brushy Fork Crossing, Buckhannon WV 26201
Attn: Aaron Stroud 304-642-5469
Delivery and install must be prior to June 30, 2024

**VIRAGE SIMULATION INC. RESPONSE TO
REQUEST FOR QUOTE # CRFQ 0803 DOT2400000076
FOR
VIRAGE VS600M OR EQUAL TRUCK DRIVING SIMULATOR
WITH SNOW PLOW**

**West Virginia Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130**

Submit via wvOASIS to:

John Estep, john.w.estep@wv.gov

Bid due: March 14, 2024 1:30 PM

Prepared by

Danny Grenier, danny.grenier@viragesimulation.com

Virage Simulation

INCLUDED IN THIS RESPONSE:

1. Virage Simulation response to CRFQ DOT2400000076 Specifications
2. Virage VS600M technical proposal describing our proposed solution.
3. Remaining RFQ documentation that was requested.
4. Addendum 1 received and acknowledged.

VIRAGE SIMULATION RESPONSE TO
CRFQ DOT2400000076 Specifications

REQUEST FOR QUOTATION
Virage VS600M Or Equal Truck Driving Simulator With Snow Plow

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of WVDOH Equipment Division to establish a contract for the one-time purchase for a quantity of (4) four Virage VS600M or equal truck driving simulator with snow plow. *VS: Virage Simulation is the sole manufacturer and distributor of the Virage VS600M truck driving simulator. We are proposing the specified brand and model.*
2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
 - 2.1 **“Contract Item”** means the list of items identified in Section 3.1 below and on the pricing pages.
 - 2.2 **“Pricing Page”** means the pages, contained in WV OASIS or attached as Exhibit A, upon which Vendor should list its proposed price for the Contract Items.
 - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
 - 2.4 **“PSI”** means an abbreviation Pounds per square inch.
 - 2.5 **“Total Bid Price”** means the sum of the bid total column.
 - 2.6 **“HP”** means horsepower.
 - 2.7 **“RPM”** means revolutions per minute.
 - 2.8 **“MM”** means Millimeter.
 - 2.9 **“ETL”** means electrical testing laboratories.
 - 2.10 **“LED”** means light-emitting diode.
3. **GENERAL REQUIREMENTS:**
 - 3.1 **Mandatory Contract Item Requirements:** Contract Item must meet or exceed the mandatory requirements listed in each section below.
 - 3.1.1 **Truck driving simulator.**
 - 3.1.1.1 Must have a build date of no more than six months prior to delivery date and be a current production model.
VS: Yes compliant.
 - 3.1.1.2 Prototypes and demonstrator models will not be accepted.
VS: Understood, compliant.
 - 3.1.1.3 Shall have actual truck seat with air adjustability and three point seat belt. *VS: Yes compliant.*

REQUEST FOR QUOTATION
Virage VS600M Or Equal Truck Driving Simulator With Snow Plow

3.1.1.4 Shall have 10, 13, 18 speed manual, 18 speed Eaton fuller shifter knob with selectable gear ratio software.

VS: Yes compliant.

3.1.1.5 Selectable manual or automatic transmission including the new automated manual transmissions.

VS: Yes compliant.

3.1.1.6 Digital instrument cluster with LCD touch screen representing the selected vehicle.

VS: Yes compliant.

3.1.1.7 Multi function display for vehicle and simulator controls from the driver station.

VS: Yes compliant.

3.1.1.8 Three channel visual system, 180 degree forward field of view using 55 inch LED 4K, with a minimum 3840x2160 pixel high resolution displays.

VS: Yes compliant.

3.1.1.9 Shall have additional 60 degree (out of driver window view) inset in left display for angle parking and alley docking.

VS: Yes compliant.

3.1.1.10 Simulation of the adjustable left and right side mirrors both standard and convex on each side.

VS: Yes compliant.

3.1.1.11 Shall have adjustable tilt, height steering wheel with adjustable active force feedback to match selected vehicle to mimicking real vehicle steering wheel operation.

VS: Yes compliant.

3.1.1.12 Shall have High fidelity 5.1 3D surround sound.

VS: Yes compliant.

3.1.1.13 Shall have multiple tractor semi trailer configurations including flatbed, tanker, straight truck, dump truck.

VS: Yes compliant.

3.1.1.14 Shall have changeable driving situations such as different terrains, elevations, asphalt, snow and ice, city, urban, expressways, highways, mountainous roads, practice field and CDL testing area.

VS: Yes compliant.

3.1.1.15 Shall have 3 axis motion/vibration system to give a real feel driving simulation.

VS: Yes compliant.

3.1.1.16 Shall have a CDL proficiency-based training programs including shifting, backing, turns, coupling procedures, air brake pre trip inspection and skill assessments.

VS: Yes compliant. Note that the CDL Proficiency-based Golden Training Programs are unique to the Virage VS600M truck simulators, developed by Virage.

3.1.1.17 Shall have a vehicle pre trip inspection training mode.

VS: Yes compliant.

REQUEST FOR QUOTATION
Virage VS600M Or Equal Truck Driving Simulator With Snow Plow

- 3.1.1.18 Shall have an interactive air brake training system with usable fault scenarios. VS: Yes compliant. The interactive air brake training system is unique to the Virage VS600M truck simulator.
- 3.1.1.19 Shall a driver tracker tool to track and report driver skill development performance and progress. VS: Yes compliant.
- 3.1.1.20 Shall have a debrief station for visual and audio recording of the driver's training session to be used for debriefing during training or record keeping. VS: Yes compliant.
- 3.1.1.21 Shall be designed to operate from a standard 110V 15-amp electrical outlet. VS: Yes compliant.
- 3.1.1.22 Unit shall not require an internet connection for normal operation. VS: Yes compliant.
- 3.1.1.23 Simulator unit shall be a maximum of 72 inches by 98 inches and be open operator station design. VS: Yes compliant.
- 3.1.1.24 Operator station and electronic cabinet shall be a maximum size of 42inches by 26 inches by 58 inches. VS: Yes compliant.

3.2 Snowplow training program shall be provided with truck simulator, the mandatory requirements are listed below.

- 3.2.1 Snow plow controls shall be certified power solutions Freedom XDS. VS: Yes compliant. Virage will include the Freedom XDS power controller plus the other simulated controls, selectable from the operator station.
- 3.2.2 Simulation of spreader, left, right or rear shall be configurable by the instructor. VS: Yes compliant.
- 3.2.3 Shall have Instructor selectable configuration of front plow and wing plows. VS: Yes compliant.
- 3.2.4 Sound and motion cues shall correlate with snow plow's position. VS: Yes compliant.
- 3.2.5 Vehicle performance shall be affected by the amount of snow being pushed. VS: Yes compliant.
- 3.2.6 Stopping, backing up and replowing a given area shall be allowed. VS: Yes compliant.
- 3.2.7 Shall have visible road lines in the mirror allowing driver to assess the vehicles lane position. VS: Yes compliant.

Note: As two simulators are installed in each location, the two simulators will be able to train in the same visual environment and scenario using the Virage Multi-sim Operator Station feature. This is great for snowplow echelon training.

REQUEST FOR QUOTATION
Virage VS600M Or Equal Truck Driving Simulator With Snow Plow

3.2.8 Shall include snowplowing city, snowplowing rural, snowplowing freeway, backing up and practice field.

VS: Yes compliant.

3.3 Warranty:

3.3.1 The complete unit must be accompanied by a one year 100% warranty on hardware and software including full support. VS: Yes compliant.

Note: Virage is offering a complimentary one-year support, extended warranty, software updates and onsite preventive maintenance, free of charge. This is a value of \$34,500. Starts at the end of the warranty period.

3.4 Operating and Service Manuals and Parts Lists:

3.4.1 On site installation. Technical and train the trainer training for 3 days shall be included. VS: Yes compliant.

3.5 Preventative Maintenance & Operator Procedures:

3.5.1 **Manufacturers** and/or dealers will be required to submit to the Equipment Division, in addition to the operating and service manuals, booklets and pamphlets explaining the Preventative Maintenance and Operator Procedures to be used by the operators of this equipment, and must include such things as daily prestart inspection procedure, service schedule, and routine maintenance required, safety precautions, etc. The successful vendor shall furnish all training aids; i.e. videos, projectors as required in conducting the training. VS: Yes compliant.

4. CONTRACT AWARD:

4.1 Contract Award: The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages. VS: understood

4.2 Pricing Page: Vendor should complete the Pricing Page (Exhibit A) by completing the Year, Make, Model, and inserting quoted unit price. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified. VS: understood

The Pricing Page contains a list of the Contract Items and purchase volume. The purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied. VS: understood

Vendor should electronically enter the information into the Pricing Page through WV OASIS, if available, or as an electronic document. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address:

john.w.estep@wv.gov

VS: yes understood, via WV OASIS.

REQUEST FOR QUOTATION
Virage VS600M Or Equal Truck Driving Simulator With Snow Plow

5. PAYMENT:

5.1 Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia. VS: yes compliant.

6. DELIVERY AND RETURN:

6.1 Shipment and Delivery: Vendor shall ship the Contract Items immediately after being awarded this Contract and receiving a purchase order or notice to proceed. Vendor shall deliver the Contract Items within sixty (60) working days after receiving a purchase order or notice to proceed. Working day is defined as any weekday, Monday through Friday, excluding Federal and State Holidays. VS: yes compliant

6.2 Delivery Points: Vendor shall deliver the completed representative units to the following two (2) locations. Two (2) units shall be sent to each location. VS: yes compliant and shipping to two locations is included.

6.2.1 WVDOH - Equipment Training Academy
83 Brushy Fork Crossing
Buckhannon, WV 26201
Attn: Aaron Stroud 304-642-5469

6.2.2 WVDOH – Eagles Building
627 Lubeck Avenue
Parkersburg, WV 26101
Attn: Aaron Stroud 304-642-5469

6.3 Late Delivery: The Agency placing the order under this Contract must be notified in writing if the shipment of the Contract Items will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the Contract, and/or obtaining the Contract Items from a third party. VS: yes compliant.
Any Agency seeking to obtain the Contract Items from a third party under this provision must first obtain approval of the Purchasing Division. VS: no third party is involved.

6.4 Delivery Payment/Risk of Loss: Vendor shall deliver the Contract Items F.O.B. destination to the Agency's location. VS: yes compliant.

6.5 Return of Unacceptable Items: If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion. VS: yes understood and compliant.

REQUEST FOR QUOTATION
Virage VS600M Or Equal Truck Driving Simulator With Snow Plow

6.6 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items. VS: yes understood and compliant.

7. VENDOR DEFAULT:

7.1 The following shall be considered a vendor default under this Contract.

7.1.1 Failure to provide Contract Items in accordance with the requirements contained herein. VS: yes understood

7.1.2 Failure to comply with other specifications and requirements contained herein. VS: yes understood

7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract. VS: yes understood

7.1.4 Failure to remedy deficient performance upon request. VS: yes understood

7.2 The following remedies shall be available to Agency upon default.

7.2.1 Immediate cancellation of the Contract. VS: yes understood

7.2.2 Immediate cancellation of one or more release orders issued under this Contract. VS: yes understood

7.2.3 Any other remedies available in law or equity. VS: yes understood.

VS600M technical proposal for CRFQ DOT2400000076

Virage Simulation is pleased to submit this truck simulator technical proposal in response to the **Request for Quotation CRFQ DOT2400000076 for the Virage VS600M Or Equal Truck Driving Simulator with Snow Plow** to support your driver training activities. Our proposed training solution is the **Virage VS600M CDL Truck Driving Simulator** with our unique proficiency-based CDL Golden Training Programs along with a full suite of training scenarios allowing for self-paced as well as instructor-led training. Also included in our offer is the snowplow training program using the certified power solutions Freedom XDS snowplow controls. We are also including a complementary one-year extended warranty, technical support, software updates and onsite preventive maintenance service thus providing you with two full years of worry-free support.

The proposed VS600M includes the following advantages:

- The Virage Simulation award-winning and unique, evidence based, **CDL Golden Training Programs (Golden Shifting™, Golden Mirrors™, Golden Steering™, Golden Coupling/Uncoupling™, Golden Pre-Trip™, and the CDL Tests)** for CDL basic skills training.
- The most extensive CDL-specific Training Curriculum and Driving Scenario Library meeting the FMCSA ELDT requirements to support your training needs (basic skills training, driver safety training, etc.).
- **The most accurate transmission simulation and the most realistic and reliable shifter on the market. A maintenance-free system with realistic kick-back and vibration on the shifter. No gears, no wear!**
- Selectable transmission layout and gear ratios with accurate RPM gaps between gears (any Eaton-Fuller transmission)
- Selectable manual or automatic transmission including the new AMT (Automated Manual Transmission).
- Simulation of Virage's unique **air brake system with animated, interactive schematic** and the capability for the instructor to insert faults into the system
- The latest visual display technology using 4K, ultra-high-definition, 3840 x 2160 pixels displays
- The best visual scene realism for superior distance and speed perception
- A full three axis motion/vibration system integrated into the cabin.
- As well as our unique **Driving Efficiency Training Program** to teach how to drive in a more energy efficient manner (EV and Internal Combustion Engine vehicles).

Virage Simulation's driving simulators will provide you with ten years or more of effective training. Our customer service team will always be there to support the equipment throughout its lifetime.

Virage Simulation is the only driving simulator manufacturer on the market to offer the evidence-based Golden Training Programs. Several independent validation studies of the VS600M training programs demonstrated that compared to traditional in-truck instruction, students can learn CDL skills up to 2 ½ time faster with the VS600M simulator-based programs. In 2018, these studies were reported in a scientific publication that won the Deborah Freund Best Researched Paper Award from the Transportation Research Board (TRB) in Washington, DC. A short video presentation of our VS600M is available online at <https://viragesimulation.com/promotion>.

Throughout the US and Canada, Virage Simulation has been the most sought-after simulation training solution for hundreds of high schools, Community Colleges, Technical Colleges and private training schools. What discerns the Virage systems from others is not only the range of systems to meet any budget but more importantly the evidence-based training curriculum giving the best value while training tomorrow's drivers.



The largest fleets such as Knight-Swift and US Xpress, are also counting on the Virage Simulation VS600M and its advanced programs to train their new and professional drivers in their training centers throughout the US.

Flexibility is built into our simulators. The VS600M is easily upgradable with additional vehicles and training programs such as School Bus training, Solid Waste Management training, Snowplow training, Defensive Driving training, and more as your training demands evolve.

Virage Simulation training solutions are listed on several government cooperative purchasing systems to facilitate the purchasing process. Refer to the "How to buy" section of our web site for more information.

Our company, team, technology, and our proposed training solution is presented in the following pages.

Virage Simulation is excited by the opportunity to earn your business and collaborate with you on this project. We hope that this will be the first step towards a long and successful cooperation.

Best regards,



Danny Grenier, Eng., MBA
President, Virage Simulation
85 Montpellier Boulevard
Montreal, Canada H4N 2G3
Phone: 514-856-1556 (103)
Danny.Grenier@VirageSimulation.com

Deborah Quackenbush
US – Business Development
Port Orange, FL 32128
Phone: 386-566-9449
Deborah.quackenbush@VirageSimulation.com

Virage Simulation is a proud member of NAPFTDS, CVTA, ATA, TCA, NPTC, ADED, TRB, NAPT, NASDPTS, Next Generation in Trucking, Women in Trucking, Canada Safety Council, APWA, ALERT, and IACP.

Virage VS600M CDL Truck Simulator

March 9, 2024



TABLE OF CONTENTS

1. PROPOSED SYSTEM.....	5
2. OPTIONAL FEATURES	8
3. TERMS AND CONDITIONS	9
4. INITIAL SETUP.....	9
5. TRAINING	10
6. SUPPORT AND WARRANTY.....	10
7. ACCEPTANCE	10

RESTRICTION ON RELEASE OF PROPRIETARY INFORMATION

The information contained in this document is Proprietary Information of Virage Simulation. This information is provided for the sole use of your Organization. This information is COMPETITION SENSITIVE and shall not be distributed in any manner whatsoever to any person outside of the Organization without the prior written consent of Virage Simulation.

1. Proposed system

VS600M CDL Truck Simulator “Top-of-the-line package”

The VS600M with the top-of-the-line training package is the industry standard in CDL entry-level driver training, the most complete and realistic truck simulator on the market that is used throughout the US and Canada. It includes the community college preferred and Virage-unique Proficiency-based CDL Golden Training Programs™ (for shifting, backing, turns, coupling/uncoupling, brakes pre-trip, CDL test exercises) with the Driver Tracker™ for driver skill-development, progress tracking, and reporting plus the Debrief Station for after-training debriefing. This is a best-value solution for CDL driver training.

1. **VS600M Truck Simulator** including:
 - Actual truck seat (air powered), three-point seat belt, steering components and controls, pedals and shifter knob
 - 10-, 13- and 18-speed manual transmission, 18-speed Eaton-Fuller shifter knob with selectable gear-ratio software
 - Selectable manual or automatic transmission including the new Automated Manual Transmissions (AMT)
 - Digital instrument cluster (LCD touch screen) representing the selected vehicle
 - Multi-function display (MFD) for vehicle and simulator controls from the driver station
 - Three-channel visual system, 180-degree forward field of view using 55-inch LED, 4K, 3840 x 2160 pixel, high-resolution displays
 - Additional 60-degree “out-of-driver-window view” inset in left display for angle parking and alley docking
 - Simulation of the adjustable left and right side mirrors (standard + convex on each side)
 - Simulation of the two adjustable front mirrors
 - Adjustable (tilt-height) steering wheel with adjustable (to match selected vehicle steering performance) active force feedback (low-inertia, direct-drive motor) on the steering with mechanical hard stops mimicking a real vehicle steering wheel operation.
 - High-fidelity 5.1 3D Surround Sound System
 - Multiple tractor semi-trailer configurations including flatbed and tanker
 - Straight body truck
 - Dump truck
 - Pickup truck
 - Other vehicles in demonstration mode are also included
2. **Visual scenes** (includes different terrains with elevation, asphalt, dirt, snow cover, etc.)
 - Simton, our virtual city and urban area
 - Highway, expressway and rural highways

- Simhill, mountainous roads with a variety of surfaces, e.g. asphalt, gravel, snow
 - Countryside (rolling hills)
 - Practice field
 - CDL test area
3. **Variable time of day, variable atmospheric conditions** including fog, rain and snow fall.
 4. **Virage Simulation 3-axis motion/vibration system**
The compact motion / vibration system provides pitch, heave and roll cues to the driver. The driver feels vibrations increase as the RPM drops when the clutch reaches the friction point. Road vibrations add realism and improve drivers' speed perception and adds psychological fidelity, increasing learner engagement and transfer of skills to the road.
 5. **Virage Simulation Instructor-led Driving Scenario Library**
 6. Our unique award-winning **CDL Proficiency-based Golden Training Programs:**
 - Shifting: The **Golden Shifter™**
 - Backing: The **Golden Mirror™**
 - Turns: The **Golden Steering™**
 - Coupling Procedures: The **Golden Coupling/Uncoupling™**
 - Air brake pre-trip inspection: The **Golden Pre-Trip™**
 - Skill assessments: **CDL Tests**
 7. **Vehicle Pre-trip Inspection Training** tool is included in stand-alone mode with a VS600M simulator. This interactive tool gives students the ability to practice and learn the total truck pre-trip inspection as prescribed by FMCSA. Each element of inspection is easy to see and explained as the driver navigates around the "virtual" truck. An optional online version of the Pre-trip Inspection Training tool allowing to train anywhere (works on PC, MAC, pad and smartphone) is available. Request a quote.
 8. **Air brake system** interactive schematic with an associated set of selectable brake and mechanical malfunctions (faults such as air leak, slow compressor, blown tire, etc.) corresponding to the pre-trip inspection
 9. Includes an easy-to-use **Operator Station** including keyboard and mouse
 10. **Driver Tracker**, a tool to track and report the driver's skill-development performance and progress (see specification)
 11. **Debrief Station**, a visual and audio recording of the driver's training session to be used for debriefing during training or record keeping (see specification)
 12. **One-year, bumper-to-bumper warranty on hardware and software including full support with software update.**

13. **Complimentary one-year extended warranty with technical support, software update and onsite preventive maintenance is offered, free of charge, starting at the end of the warranty period thus providing a full 2 years of support and warranty.**
14. **Snowplow training program including snowplow joystick control assembly is included.**
 - Certified power solutions Freedom XDS snowplow controls
 - Simulation of the spreader, left, right or rear (configurable by the instructor)
 - Instructor selectable configuration of front plow and wings (front plow only, front and right wings, front and left wings, front and both wings, including different length and type)
 - Motion and vibration cues related to the movement of the plows
 - Sound and motion cues correlated with the plow's position (up or down) or when driving over railways or expansion joints
 - Vehicle performance affected by the amount of snow being pushed
 - Visible plowed area including 3D windrow
 - Possibility of stopping, backing up and replowing a given area
 - Plowing of a complete village
 - Visible road lines in the mirror allowing the driver to assess the vehicle's lane position
 - A variety of driving visibility conditions
 - Multiple vehicles active within the same scene, complementing each other (echelon plowing)
15. **On-site Installation, Technical and Train-the-Trainer Training (3 days) is included.**

2. Optional Features

Option 1. Support and Extended Warranty services

After the standard warranty period, an optional extended warranty with technical support is available.

The following options are being proposed:

1. Technical support with extended warranty
2. Technical support with extended warranty and an annual software update
3. Technical support with extended warranty, an annual software update and an onsite preventive maintenance.

1. Technical support with extended warranty (TS + EW)	2. Technical support with extended warranty and software updates (TS + EW + SU)	3. Technical support with extended warranty, software updates and one annual preventive maintenance (TS + EW + SU+ PM)
<ul style="list-style-type: none"> - Unlimited online support - Unlimited mail support - Unlimited telephone support - Unlimited remote troubleshooting and support - Critical software bug updates - Equipment extended warranty. 	<ul style="list-style-type: none"> - Unlimited online support - Unlimited mail support - Unlimited telephone support - Unlimited remote troubleshooting and support - Critical software bug updates - Equipment extended warranty - Annual software update - Access to new training programs at discounted pricing - Great plan for ensuring your simulator training programs are always up to date. 	<ul style="list-style-type: none"> - Unlimited online support - Unlimited mail support - Unlimited telephone support - Unlimited remote troubleshooting and support - Critical software bug updates - Equipment extended warranty - Annual software update - Access to new training programs at discounted pricing - One annual onsite preventive maintenance - Travel costs for one yearly preventive maintenance is included - A full report indicating the current state of the simulator and any recommendations to ensure future simulator readiness for training - Best plan to fully maintain your simulator in working order and get the benefits of the new training programs being released.

3. Terms and Conditions

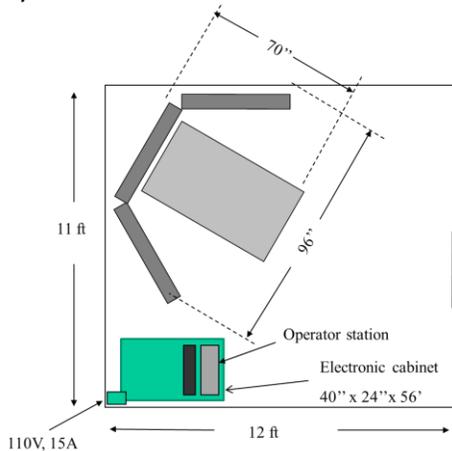
- This proposal is valid for 90 days.
- Sales tax, if any, is not included and will be added to the invoice if required. If the organization is sales tax exempted, a copy of the exemption certificate will be required.
- Payment Terms: As per WV State payment terms. If none indicated, shall be:
 - 50 % deposit of total order at the time of Customer Purchase Order.
 - 40 % of total order before shipment from Virage Simulation’s factory.
 - 10 % after the installation on site.
- Delivery is withing 60 business days after receiving the Purchase Order.
- The shipping cost is included in the quoted price.
- The initial setup and instructor training are included in the quoted price.

4. Initial Setup

The initial on-site setup is included in this offer and will be performed by a trained Virage Simulation technician.

The VS600M is designed to operate from a standard 110V, 15A electrical outlet in a normal office environment. The equipment does not need special cooling, but the room ventilation system should be able to dissipate the energy generated by the simulator (1000 Watts while in operation). An internet connection is not needed for normal operations but is required by our technician to remotely connect to your simulator for support or updates.

The ideal space for this simulator is a 10 x 12 foot room. The following is a typical installation layout for the VS600M.



5. Training

The cost related to the on-site training is included in this proposal.

Technical training

The technical training will be conducted at the time of the simulator initial setup and is intended to familiarize the operators with the different simulator components and procedures for start-up and shutdown.

Train-the-trainer

The train-the-trainer training is also conducted at the time of the simulator initial setup and provides an introduction to the simulator technology and a review of the Virage Simulation driver training and evaluation scenarios provided.

6. Support and warranty

The warranty includes error corrections for the software and the repair or replacement of hardware parts broken under normal operations.

The support includes phone, email and remote troubleshooting and update capability. This service enables Virage Simulation's technicians to remotely access (permission required from the simulator operator) your simulator for troubleshooting and maintenance. Through this capability Virage's technical staff can connect to your simulator to provide technical support and perform verifications as if they were on site.

7. Acceptance

Customer will sign a written acceptance certificate upon successful completion of the initial set-up.

CRFQ DOT2400000076 Terms and Conditions

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: The Initial Contract Term will be for a period of _____. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to _____ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Alternate Renewal Term – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

the contract will continue for _____ years;

the contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

One-Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Construction/Project Oversight: This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

Other: Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One-Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

Construction: This Contract is for construction activity more fully defined in the specifications.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

Commercial General Liability Insurance in at least an amount of: \$1,000,000.00 per occurrence.

Automobile Liability Insurance in at least an amount of: \$1,000,000.00 per occurrence.

Professional/Malpractice/Errors and Omission Insurance in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

Commercial Crime and Third Party Fidelity Insurance in an amount of: _____ per occurrence.

Cyber Liability Insurance in an amount of: _____ per occurrence.

Builders Risk Insurance in an amount equal to 100% of the amount of the Contract.

Pollution Insurance in an amount of: _____ per occurrence.

Aircraft Liability in an amount of: _____ per occurrence.

9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

_____ for _____.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.) VS: ACH payments accepted

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

VS: understood. A copy of the sales tax exemption certificate will be required.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in www.state.wv.us/admin/purchase/privacy.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. NO DEBT CERTIFICATION: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) DANNY GRENIER, PRESIDENT

(Address) 85 BLVD MONTELLIER, MONTREAL, QC, CANADA, H4N 2G3

(Phone Number) / (Fax Number) 514-856-1556 X103 (Toll Free: 1-877-456-1556 X103)
FAX: 514-556-8025

(email address) Danny.Grenier@VirageSimulation.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

VIRAGE SIMULATION INC.
(Company)

(Signature of Authorized Representative)
DANNY GRENIER, PRESIDENT, 2024-03-09
(Printed Name and Title of Authorized Representative) (Date)
514-856-1556 X103 FAX: 514-556-8025
(Phone Number) (Fax Number)
Danny.Grenier@VirageSimulation.com
(Email Address)

CRFQ DOT2400000076 Inst to Vendors

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted emails should have the solicitation number in the subject line.

Question Submission Deadline: March 8, 2024 by 10:00am

Submit Questions to: John Estep
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-3970
Email: john.w.estep@wv.gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through wvOASIS, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, the Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via email. Bids submitted in paper or facsimile form must contain a signature. Bids submitted in wvOASIS are deemed to be electronically signed.

Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason.

For Request for Proposal ("RFP") Responses Only: Submission of a response to a Request for Proposal is not permitted in wvOASIS. In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal prior to the bid opening date and time identified in Section 7 below, plus _____ convenience copies of each to the Purchasing Division at the address shown below. Additionally, the Vendor should clearly identify and segregate the cost proposal from the technical proposal in a separately sealed envelope.

Bid Delivery Address and Fax Number:

Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130
Fax: 304-558-3970

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

VENDOR NAME:

BUYER:	JOHN ESTEP
SOLICITATION NO.:	CRFQ 0803 DOT2400000076
BID OPENING DATE:	March 14, 2024
BID OPENING TIME:	1:30 PM
FAX NUMBER:	304-558-3970

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by *wv*OASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time: March 14, 2024 @ 1:30 PM

Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATE MODEL OR BRAND: Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37 and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance.”

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

22. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

23. EMAIL NOTIFICATION OF AWARD: The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor *wvOASIS* or the Purchasing Division's website to determine when a contract has been awarded.

24. ISRAEL BOYCOTT CERTIFICATION: Vendor's act of submitting a bid in response to this solicitation shall be deemed a certification from bidder to the State that bidder is not currently engaged in, and will not for the duration of the contract, engage in a boycott of Israel. This certification is required by W. Va. Code § 5A-3-63.

SIGNED ADDENDUM 1 RECEIVED AND RESPONDED TO.



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Educational

Proc Folder: 1387129			Reason for Modification: Addendum No_1 Vendor Questions and Responses
Doc Description: ADDENDUM NO_1 Truck Driving Simulators w/Snowplow (81240108)			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-11	2024-03-14 13:30	CRFQ 0803 DOT2400000076	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code:

Vendor Name :

Address :

Street :

City :

State : **Country :** **Zip :**

Principal Contact :

Vendor Contact Phone: **Extension:**

FOR INFORMATION CONTACT THE BUYER
 John W Estep
 304-558-2566
 john.w.estep@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

ADDENDUM NO_1

Addendum No_1 issued to publish and distribute the attached information to the Vendor Community.

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of WVDOH Equipment Division to establish a contract for the one-time purchase for a quantity of (4) four Virage VS600M or equal truck driving simulator with snowplow. Per the Bid Requirements, Specifications, Terms and Conditions attached to this Solicitation.

INVOICE TO**SHIP TO**

DEPT. OF TRANSPORTATION
1900 KANAWHA BLVD E,
BLD. 5 RM-720

DIVISION OF HIGHWAYS
627 LUBECK AVENUE

CHARLESTON WV
US

PARKERSBURG WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Truck Driving Simulators - Parkersburg location	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25191736			

Extended Description:

Truck Driving Simulator w/on-site training & snowplow package
Qty (2)

Ship to:
Eagles Building WVDOH, 627 Lubeck Avenue, Parkersburg WV 26101
Attn: Aaron Stroud 304-642-5469

Delivery and install must be prior to June 30, 2024

INVOICE TO		SHIP TO	
DEPT. OF TRANSPORTATION 1900 KANAWHA BLVD E, BLD. 5 RM-720		DIVISION OF HIGHWAYS EQUIPMENT DIVISION	
CHARLESTON WV		83 BRUSHY FORK RD CROSSING	
US		BUCKHANNON WV	
		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Truck Driving Simulators - Buckhannon location	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25191736			

Extended Description:

Truck Driving Simulator w/on-site training & snowplow package
Qty (2)

Ship to:
Equipment Training Academy, 83 Brushy Fork Crossing, Buckhannon WV 26201
Attn: Aaron Stroud 304-642-5469

Delivery and install must be prior to June 30, 2024

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Tech Questions due by 10:00am	2024-03-08

SOLICITATION NUMBER: CRFQ DOT2400000076

Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT2400000076 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Additional Documentation:

Bid Opening remains 03/14/2024 at 1:30pm

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

DOT24*76 Simulator

1. Regarding section 3.1.1.4, the RFQ states, "Shall have 10, 13, 18 speed manual, 18 speed Eaton fuller shifter knob with selectable gear ratio software." QUESTION:

A. With reference to the shifter/transmission, should the requirement be that the simulator transmission sub-system provide the same feedback as in a truck; 'lock-out' and 'grind' as in a real-commercial vehicle? **Answer: Yes, it should provide the same feedback.**

B. With reference to the shifter knob, should it be required that the SPLITTER and RANGE SELECTOR be pneumatically driven, as in a real commercial vehicle? **Answer: Will accept air or non-air shift.**

VS: ok

2. Regarding section 3.1.1.5, the RFQ states, "Selectable manual or automatic transmission including the new automated manual transmissions."

QUESTION: A. With reference to the shifter / transmission, shall the requirement be that the simulator automatic-transmission be controlled by a column-mounted lever (such as an OEM Freightliner Cascadia DT12) as in a real-vehicle? **Answer: Shifter for automatic transmissions shall be push button style shown on the LCD display.**

VS: ok

B. Follow-up: With reference to the Brake-pedal component, shall the simulator Brake-system be pneumatically powered by air-pressure feedback, as in a real-commercial vehicle? **Answer: Will accept air-pressure feedback or electronic as long as it is a real feel design.**

VS: ok

3. Regarding section 3.1.1.8, the RFQ states, "Three channel visual system, 180 degree forward field of view using 55 inch LED 4K, with a minimum 3840x2160 pixel high resolution displays."

QUESTION: With reference to the visual system, would it be beneficial to WVDOH to receive a simulator with a field of view greater than 180°? **Answer: Will accept 180 degree or better field of view as long as the minimum 4K 3840x2160 pixel high resolution is achieved.**

VS: ok

VS: Note, we also support greater than 180 degrees projected visual systems on the supplied screens. It's selected via a button on the operator station.

4. Regarding section 3.1.1.8, the RFQ states, "Three channel visual system, 180 degree forward field of view using 55 inch LED 4K, with a minimum 3840x2160 pixel high resolution displays." 9800 4th Street North, Ste 204 St Petersburg, FL 33702 2438 Cades Way, Vista, CA 98081 800.870.5782

QUESTION: With reference to the visual system, would it be beneficial to WVDOH to receive a simulator with six channels and a field-of-view of 270°? **Answer: Will accept three channel 180 degree field of view or six channel 270 degree field of view.**

VS: ok

5. Regarding section 3.1.1.10, the RFQ states, "Simulation of the adjustable left and right side mirrors both standard and convex on each side."

QUESTION: With reference to the Driver's perspective should the images in the mirrors change and correspond to the movement of the Driver's head-position and movement, as in a real-vehicle? In other words, should the images in the mirrors be dynamic according to driver's head movement? **Answer: Will accept either.**

VS: ok

6. Regarding section 3.1.1.11, the RFQ states, "Shall have adjustable tilt, height steering wheel with adjustable active force feedback to match selected vehicle to mimicking real vehicle steering wheel operation."

QUESTION: Is the requirement/preference that the steering system include actual OEM components, such as the turn signal cluster, steering wheel column and wheel, controls, pedals, levers, and switches? **Answer: Turn signal activation shall be presented on the LCD display. Steering wheel, steering column, controls, pedals, levers and switches shall be OEM style.**

VS: ok

7. Regarding section 3.1.1.15, the RFQ states, "Shall have 3 axis motion/vibration system to give a real feel driving simulation"

QUESTION: Regarding the motion-system, is the requirement that the system simulate Linear motion (such as acceleration / braking) and Yaw-motion (such as traction-loss) as in an actual commercial-vehicle? **Answer: Yes.**

VS: ok

8. Regarding section 3.1.1.18, the RFQ states "Shall have an interactive air brake training system with usable fault scenarios"

A. Regarding the Air-brakes system (Parking Brake / Trailer Brake), is the requirement that the brake valve controls be a physical push/pull-type mechanism - as in an actual commercial-vehicle? **Answer: Brake valves shall be displayed on a touchscreen LCD.**

VS: ok

B. Further regarding the dash-mounted brake-valves, should the system replicate the Air-Brake test / Air-Brake failure and pneumatically deploy/retract the brake-valve

knobs, as in an actual commercial vehicle? **Answer: Brake valves shall be displayed on a touchscreen LCD display and replicate the air brake test/air brake failure digitally.**

VS: ok

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DOT240000076

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

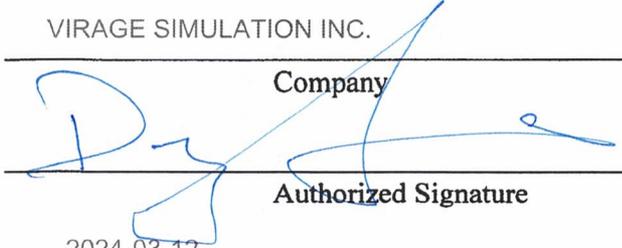
Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

VIRAGE SIMULATION INC.

Company


Authorized Signature
2024-03-12

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.