



**2601 Carson Road
Birmingham, Alabama 35215-3098**

**Bid Invitation #21-005
Bid for CDL/Truck Driving Simulator**

Bid Opening Date: December 17, 2020
Bid Opening Time: 2:00 P.M.
Bid Opening Location: George Wallace Hall Room #115

Submit bid proposal to: Jefferson State Community College
JSCC Bid #21-005
Attention: Ann Cimalore
George Wallace Hall Room #100
2601 Carson Road
Birmingham, Alabama 35215

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GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS

1. *"All bids shall be sealed when received"* (Alabama Code § 41-16-54). Bids delivered by the vendor, United States Postal Service, Federal Express, UPS or other delivery service must have the bid number indicated on the envelope. It is the responsibility of the vendor to have the bid proposal delivered to the correct addressee and location.
2. Bids must be received prior to bid opening date and time. Late bids will not be considered.
3. All information shall be entered in ink, typewritten or computer generated in the appropriate space on the forms. An authorized company representative must sign bid in ink.
4. Prices submitted on the bid must remain effective for a period of thirty (30) days for complete bid evaluation.
5. Jefferson State Community College reserves the right to reject any or all bids, or any part thereof, and to waive any technicality in the bidding in the best interest of the Institute. Bids will be awarded in a manner which appears to be in the best interest of Jefferson State Community College. Bids may be awarded to multiple bidders.
6. This proposal is to be made without connections with any other person, company, or parties making a bid or proposal and is to be in all respects fair and in good faith, without collusion or fraud.
7. Bid prices are not to include tax. Tax exemption certificate furnished upon request.
8. Quote F.O.B. delivered to sites listed in specifications. The successful bidder must assume all liability/responsibility for damage in transit.
9. The responsibility of determining the acceptability of any products offered rests solely with Jefferson State Community College.
10. Successful bidder will be required to submit a copy of General Liability (umbrella) insurance. The copy must show amount limits for automobile, workmen's compensation, etc. (applicable for the delivery of materials, supplies, etc.)
11. Bidder shall, at its sole expense, procure and keep in effect all necessary permits and licenses required for its performance of the requested work or service.
12. Successful bidder must provide a copy of current state, county or city business license, general contractor's license or applicable license as required by law.
13. It is the responsibility of the bidder to inspect the facilities (grounds, road access, and buildings) for delivery method, installation and/or set-up of materials, supplies and/or equipment. Failure to inspect the facilities will not relieve the bidder of responsibility to provide for delivery F.O.B. or additional costs associated with delivery, installation and set-up as requested in the bid
14. All bidders are required to complete a Disclosure Statement. Act 2002-955 requires the disclosure statement to be completed and filed with all proposals, bids, contracts, or grant proposals to the State of Alabama in excess of \$5,000. A Vendor Disclosure Statement is included in the bid proposal. Any changes to the status of the information on this form will require the submission of an updated form to the college.
15. Successful bidder will be required to complete the Alabama Immigration Law Compliance Documents. The Alabama Immigration Law Compliance Documents are included in the bid proposal.
16. All bids must be notarized.
17. Bidders desiring further information or interpretation of plans or specifications must make requests in writing to Ann Cimalore, Financial Services, 2601 Carson Road, Birmingham, AL 35215-3098, at least seven (7) days prior to bid opening. Questions can also be submitted via email at purchasing@jeffersonstate.edu Answers to such requests will be given to all recorded bidders, in addendum form, which will be included as part of the contract documents.
18. When brand name or catalog number is not stated by the bidder, it is understood the offer is exactly as specified.
19. Bid prices are to remain in effect from award date December 2020 through November 30, 2021.
20. The contract may be extended for a period of two additional years if no changes are made in the specifications and/or pricing by the vendor. JSCC and the vendor must agree in writing for the contract extension.
21. Jefferson State Community College may cancel this agreement at any time with 30-day written notice.
22. Payment shall be contingent upon the College's inspection of and satisfaction with completed work or materials.
23. Any defective work or materials, non-conformance to bid specifications, damaged materials, or unsatisfactory installation shall be corrected to the College's satisfaction by the successful bidder at no additional charge.
24. Notwithstanding any other provision in this Agreement, the parties acknowledge and agree that the terms and commitments contained herein shall not constitute a debt of the State of Alabama in violation of Section 213 of the Constitution of Alabama of 1901, as amended by Amendment No. 26.
25. It is further agreed that if any provision of this Agreement shall contravene any statute of Constitutional provision, either now in effect of which may be enacted during the term of this Agreement, then the conflicting provision of the Agreement shall be deemed null and void.

26. The bidder acknowledges and agrees that its sole and exclusive remedy for any monetary claim or any claim for which Jefferson State Community College has sovereign immunity that may arise from or relate to this Agreement is to file a claim with the Board of Adjustment of the State of Alabama. Any claim for equitable relief or for which Jefferson State Community College does not have sovereign immunity shall be brought exclusively in the appropriate state or federal court situated in and/or covering Jefferson County, Alabama.
27. This Agreement shall be governed by and construed in accordance with the laws of the State of Alabama without giving effect to any choice or conflict-of-law provisions or rules (whether of the State of Alabama or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than those of the State of Alabama.
28. These terms and conditions shall supersede any contrary language in any agreement entered into by the parties. All terms shall be reduced to writing and will not rely on any oral terms, nor shall any oral terms or agreement be incorporated herein.
29. As an entity of the State of Alabama, the parties recognize and agree that Jefferson State Community College cannot and will not agree to indemnify any party to a contract resulting from this bid.
30. In accordance with the recommendations of the Governor and the Attorney General of the State of Alabama, the parties shall consider settling all disputes arising from or related to this agreement by using appropriate forms of non-binding alternative dispute resolution.
31. In the event of proration of the fund from which payment under which this agreement is to be made, the agreement will be subject to termination.
32. Jefferson State Community College reserves the right to purchase according to availability of funds.
33. All applicable shipping and handling costs must be included in the pricing submitted with the bid.
34. Jefferson State Community College will not accept prepay terms for the items and services in this bid.
35. In compliance with Act 2016-312, the contractor hereby certifies that it is not currently engaged in, and will not engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which this state can enjoy open trade.

NONRESIDENT BIDDER INFORMATION

Public Works Bids

Section 39-3-5 of the Alabama Code provides as follows:

§ 39-3-5. Preference to resident contractors in letting of certain public contracts required; reciprocity.

(a) In the letting of public contracts in which any state, county or municipal funds are utilized, except those contracts funded in whole or in part with funds received from federal agency, preference shall be given to resident contractors, and a nonresident bidder domiciled in a state having laws granting preference to local contractors shall be awarded Alabama public contracts only on the same basis as the nonresident bidder's state awards contracts to Alabama contractors bidding under similar circumstances; and resident contractors in Alabama, as defined in Section 39-2-12, be they corporate, individuals, or partnerships, are to be granted preference over nonresidents in awarding of contracts in the same manner and to the same extent as provided by the laws of the state domicile of the nonresident.

(b) Nonresident bidders must accompany any written bid documents with a written opinion of an attorney at law licensed to practice law in such nonresident bidders' state of domicile, as to the preferences, if any or none, granted by the law of that state to its own business entities whose principal places of business are in that state in the letting of any or all public contracts.

(c) A summary of this law shall be made a part of the advertised specifications of all projects affected by this law. (Acts 1984, No. 84-228, p.348.)

Personal Property or Contractual Services Bids

Section 41-16-57 of the Alabama Code Provides as Follows:

(b) The awarding authority in the purchase of or contract for personal property or contractual services shall give preference, provided there is no sacrifice or loss in price or quality, to commodities produced in Alabama or sold by Alabama persons, firms, or corporations. Notwithstanding the foregoing, no county official, county commission, school board, city council or city councilmen, or other public official, state board, or state agency charged with the letting of contracts or purchase of materials for the construction, modification, alteration, or repair of any publicly owned facility may specify the use of materials or systems by a sole source, unless:

(1) The governmental body can document to the satisfaction of the State of Alabama Building Commission that the sole source product or service is of an indispensable nature, all other viable alternatives have been explored, and it has been determined that only this product or service will fulfill the function for which the product is needed. Frivolous features will not be considered.

(2) The sole source specification has been recommended by the architect or engineer of record and who also documents that there is no other product available and that the use of the requirement is of an indispensable nature and why.

(3) All information substantiating the use of a sole source specification is documented in writing and is filed into the project file.

VENDOR CERTIFICATION BY ALABAMA DEPARTMENT OF REVENUE

Certification Pursuant to Alabama Act Number 2006-557

Alabama Law (Section 41-4-116, Code of Alabama 1975) provides that every bid submitted and contract executed shall contain a certification that the vendor, contractor, and all of its affiliates that make sales for delivery into Alabama or leases for use in Alabama are registered, collecting, and remitting Alabama State and Local sales, us, and/or lease tax on all taxable sales and leases into Alabama. **By submitting this bid, the bidder is hereby certifying that they are in full compliance with Act Number 2006-557,** they are not barred from bidding or entering into a contract pursuant to 41-4-116 and acknowledges that the awarding authority may declare the contract void if the certification is false.

“In compliance with Act 2016-312, the contractor hereby certifies that it is not currently engaged in, and will not engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which this state can enjoy open trade.”

**ACKNOWLEDGEMENT OF RECEIPT FORM
REQUESTS FOR BID #21-005**

In acknowledgement of receipt of the Request for Bid, the undersigned agrees that he/she has received a complete copy, beginning with the title page and table of contents and ending with Page 20.

The acknowledgement of receipt should be signed and returned by the vendor no later than the close of business on December 10, 2020. Only potential vendors who elect to return this form completed with the indicated intention of submitting a bid will receive copies of all offers or written questions and written responses to those questions as well as RFB amendments and or addendums, if any are issued.

Firm _____

Represented by _____ Title _____

Email _____

Phone Number _____ Fax Number _____

Address _____

City _____ State _____ Zip _____

Signature _____ Date _____

(Must Circle One) Firm **does or does not** intend to respond to this Request for Bid.

The following name and address must be used for all correspondence related to the Request for Bid.

Jefferson State Community College
Attention: Ann Cimalore
2601 Carson Road
Birmingham, Alabama 35215-3098

Form may be faxed or emailed to the attention of Ann Cimalore

FAX# 205-856-7781

Email address: acimalore@jeffersonstate.edu

Bid Specifications for JSCC Bid #21-005 For CDL/Truck Driving Simulator

CDL Simulator

General

Modularity: The simulator platform must support simple reconfiguration using slide-in driver compartment cabs. This modular reconfiguration capability must allow the customer to utilize any simulator with one type of driver compartment (seat, steering wheel, pedals and dash) such as a Fire Fighting or Trucking vehicle, and quickly switch to a different vehicle's driver compartment such as a sedan or light vehicle. These modular driver compartments must utilize the same set of displays to provide the capability to train on several types of vehicles in a single simulator, with minimal investment.

Manufacturing: Simulators must meet or exceed UL standards and be compliant with applicable FCC requirements. Simulators must be constructed of durable ruggedized steel components for durability, and thick aluminum for reduced weight.

Training Readiness: Simulator must be delivered ready to train, "out of the box", simulator must arrive ready to use and include:

- * A high-resolution display system that provides a state-of-the-art training experience and promotes a higher transfer of learning and increased retention.
- * A fully reconfigurable instrument panel that responds in real time to represent multiple types and models of vehicle
- * Real-world hands-on driver controls and components to provide as realistic a training experience as possible
- * An Instructor Operator Station (IOS) providing complete control of training scenarios, environments, malfunctions, student information, performance scoring, and review for up to 4 simulators
- * Adjustable, progressively challenging skill development path to enhance skills, improve defensive driving techniques, and hone decision making skills.
- * Extensive library of customizable scenarios providing an adjustable, progressively challenging skill development path to improve skills, defensive driving techniques, and decision-making skills.
- * Extensive library of at least 400 vehicle types and configurations, as well as placeable vehicles, pedestrians, and objects for use in user-defined training situations.
- * Comprehensive library content including at least 7 standard training environments including city, suburban, rural, highway and mountainous must be included.

* Easy to use, Windows-based, tool for the simple creation of custom training scenarios by the instructor.

* Warranty: Simulator must include at a minimum a one (1) year warranty including parts (hardware and software), labor costs and on-site technical support. Any repairs requiring on-site service will be completed by vendor's own trained service technicians. Extended warranties must be available for up to 5 years.

* Installation: Simulator prices must include the delivery, installation, and set up for proper operation to the satisfaction of the Client. The cost of shipping, delivery and installation of the simulator systems shall be included in the price. All system documentation needed to operate the system shall be included and provided at the time of the simulator system delivery.

* Training: Basic Operations and Maintenance (BMO) training as well as "Train-the-Trainer" training must be included and provided at the time of delivery. Advanced training courses must also be available.

Displays

Screen Size & Resolution: The display system provided shall consist of:

* Three LED LCD, 55" diagonal wide-aspect ratio (16x9) monitors,

* Each display should provide sharp, bright, high-contrast, distortion free images with a resolution of 1920 x 1080 (HD 1080), with support for 4K to support future image generation system enhancements.

* Must be commercial, off-the-shelf displays for maintainability, and provide fast response times.

* Monitors must be at a consistent radius from the driver's eye-point to parallax error and image distortion.

* Simulator must include a field of view (FOV) that provides for a 180° radius from nominal seat position. The vertical FOV must be as large as or larger than a typical windshield and window area.

Mirrors: Realistic exterior left and right mirrors, and where appropriate fender mirrors and center interior mirrors, must be simulated with images that update in real time providing the proper and realistic visibility conditions and behaviors. Adjustable virtual left, right, and center rear view mirrors must be embedded in the display and adjust automatically to correspond with the vehicle type and model being simulated (own cab). Convex and flat mirrors must be simulated in real time to reflect realistic visibility.

Visual Engine: Vendor must have designed its visual subsystem in-house, to be able to support any customization requirements. The visual system software and visual textures must be designed to provide the best possible driving simulation graphics available, preferably based on industry standard gaming technologies for image generation. Sharp and clear visual images must be provided that include the ability to identify street signs and coordinates, recognize changing road conditions, and scan for potential hazards, all at realistic viewing distances.

Image Generators: Simulator image systems must utilize standard, off-the-shelf PC with optimal fast-core graphics processors to generate the real-time imagery, minimizing costs and maintenance.

Driver Compartment

Components:

* Simulator must accurately simulate the physical and functional characteristics found in existing vehicle cabs. The driver simulator compartment and dashboard must replicate the ergonomics of a real-world vehicle with the instruments and equipment located in the same relative position as they are in typical vehicles. Mirrors must be placed in the correct locations and be fully adjustable. An LCD dashboard and touch panel display shall provide accurate real time rendering of gauges and controls, and automatically change to match the vehicle type and model being simulated.

* Vehicle components must include an adjustable air seat with a lap belt, pedals, a force loaded steering column with tilt, turn signal lever, hazard flashers, and horn. On appropriate simulator types, training and/or vehicle specific features must also be included such as siren controls and communication systems.

Glass Dash Display: A configurable, LCD virtual dashboard must be provided to represent accurate gauges, control indicators, and warning lights in real time. The glass dash must automatically change and adapt to mimic the dashboard of the specific vehicle type selected. No physical hardware changes should be required to change vehicle dash configurations.

Touch Screen for Basic Functions: A password protectable touch screen panel must be conveniently located to the driver's right and provide an interface between driver and simulator. The touch screen must allow the instructor or the driver to easily control the basic functions of the simulator such as starting scenarios, choosing vehicles, adjusting mirrors, enabling headlights, adjusting simulator volume, or changing gears (automatic vehicles).

Transmission: An industry standard floor-mounted commercial vehicle shift lever must be included, including a range selector and splitter control, allowing realistic manual transmission operation during training. The simulator's manual transmission must be a gimbal transmission, providing the shifting lever with an optimal range of motion and accuracy. The manual transmission must provide fully accurate behavior for the effective and realistic training of shifting techniques such as progressive shifting. Drivers must be provided accurate shifting response, as well as realistic cues through sound and shifter behavior, such as grinding simulation, to reinforce proper techniques. Various transmission types must be simulated realistically from 5-18 gears.

Steering: Simulator must include a force loaded steering column with tilt, turn signal lever, hazard flashers, and horn. A force-feedback system must be included that has a low-inertia, direct-drive motor that connects the steering column directly to the motor shaft and updates at least 2Khz. Steering system must provide real-time response from speed, friction, collision, vibration, and road surfaces without the lag imposed by chain or belt drive mechanisms. The steering force-feedback system must use a brushless motor technology and a motor controller designed specifically for driver simulator steering requirements. The steering system must be able to be programmed to emulate the performance of any vehicle and tuned to match vehicle data and information from subject-matter experts.

Motion: A state of the art full motion platform capability must be available, consisting of a solution providing motion for the full driver compartment of the simulator. This system must provide accurate and realistic per-wheel motion from the scenario including bumps, road surface vibrations, acceleration and deceleration, engine vibrations, and vehicle motion cues, and provide motion for the entire seat base (seat, steering wheel, transmission, pedals, dash, etc.) not just the seat.

Training Content

Vehicles: The simulator must provide over 400 different vehicle types and configurations available for use in any training scenario. The library must contain automatic and manual transmission vehicles including multiple tractor / trailer / drive train combinations and corresponding dashboard configurations. Transmissions must include a variety of speeds from 5-18 gears. Each vehicle must come with a dashboard configuration that accurately reflects the cab make and model.

Scenarios – Trucking: Simulator must include a library of customizable training scenarios designed to provide out-of-the-box training capabilities and enhance the skills of both experienced drivers and entry-level drivers. These pre-installed scenarios must cover a wide variety of objectives in a broad range of settings including; City, rural, highway, and mountainous driving, reaction to various traffic hazards and weather/road conditions, demonstration of skills in speed, space management, and braking, Ability to pass at the appropriate times, to yield right of way and perform situational analysis in an attempt to anticipate potential hazards and avoid them. Ability to negotiate speed and avoid collisions. During these scenarios, drivers must encounter a variety of cars and small and large trucks, Emergency vehicles with operational EVO lights, Pedestrians, Road barriers, Bicycles, Motorcycles, Animals, and Traffic signs.

Environments: Simulator must include at least 7 drivable databases including suburban, urban, rural, highway, and Mountain Pass with options for up to 10 more. The virtual environments must include remote, business, industrial, and residential areas, all with objects and features representative of those areas. The road networks must have paved and unpaved roads that range from simple trails to four-lane freeways. Divided freeways must include mountain areas, runaway ramps, on-off ramps, and rest areas. Roads and highways in the virtual world must be designed in accordance with standard highway specifications for grade, width, curvature, and overpass height. Traffic control signals and highway markings must be consistent with standard street and highway markings. Road types and surfaces must be appropriate to each environment, and consistent with real-world conditions.

Scenario Creation Tool: An easy to use, Windows-based scenario generation tool must be provided with the system that allows the creation custom user-defined scenarios, or modification of any existing scenario on the simulator. This tool must be easy-to-use and require no programming experience. The Scenario tool must allow the simple tailoring of training content by adding scriptable scenario vehicles, placement of objects and vehicles, and population of the scenario with common objects, traffic, and pedestrians. All training scenarios provided with the system must be fully editable and customizable.

Vehicle Dynamics: The vehicle dynamics used in the simulator must be based on sophisticated automotive engineering concepts and driven by both measured physical characteristics and manufacturer specifications. The resulting vehicle behavior model must be validated against published proving ground results and vetted with industry experts. Vehicle dynamics models must be comprehensive enough to represent real vehicle behavior. Each tire, wheel, suspension point, steering wheel, engine, transmission, drive train, and chassis must be modeled. Advanced physics model must include at least 21 degrees of freedom representing tires, suspension, vehicle chassis, steering and power train.

Road Types: Roads types must include expressways, multi-lane highways (interstate), high-speed entrance/exit ramps, cloverleaf and trumpet intersections, over/under passes, elevated/below grade highways, foot bridges over the roadway, ascending/ descending gradients with switchbacks, mixed surface types (concrete/gravel/asphalt), speed-bumps and dips. Major country road surfaces must be uniform and smooth with little or no shoulder. Country roads must be made up of both gravel and dirt surfaces with accompanying changes in traction.

Basic Shifting Mode: The simulator must include the ability to operate in either full training mode, or one that allows the simulator to be operated in a more simple mode to allow focused entry level shifting skills, progressive shifting techniques, or basic fuel management.

Sound: Simulator must include at least a six channel 5.1 surround-sound system, including a sub-audio tactile transducer, to provide realistic audio and vibration experience for the driver. Audio system must allow the student to identify and recognize important cues and limitations of environmental risks. The audio and vibration emulations must include; 3D directional sounds, including surrounding vehicles, Dynamic sounds that can be associated with any scenario object, Static sounds with fixed spatial position, Engine sound, specific to each scenario vehicle, Horn sounds, specific to scenario vehicle class, Other sounds must be associated with the position of any scenario vehicle, Tire sounds, Traffic, sirens, and other miscellaneous environmental sounds, Wind distortion based on speed, Tactile transducer to simulate engine vibrations, etc.

Traffic Density: The traffic density must be able to be altered and customized to add additional vehicles to any of the standard or user-generated scenarios. Customized training with user-definable traffic density as dictated by the training objectives must be supported. Simulator must provide ability to mix scripted and autonomous traffic in the same scenario, without interfering with the script objectives.

Pedestrians: A library of at least 175 different pedestrians must be included with the simulator and have physics-based, photorealistic quality and animation—including walking, running, standing, prone, etc.

Instructor Interface

UI: Simulator must include a user-friendly Instructor Operator Station (IOS). The instructor's computer skill level must only need to be sufficient to operate a word processor or similar type of program. The IOS must include a Windows™ format Graphical User Interface (GUI) on the instructor's computer screen and provide an easy, non-intimidating instructional flow to start the simulator, choose scenarios, change scenario conditions, change vehicles, and interact with the driver in real time during training.

Replay: An after-action review (AAR) feature must be provided that allows for feedback and reinforcement based on the actual driver's performance, to increase the speed and effectiveness of behavior change. The instructor station must provide the ability to record, and playback training scenarios on both the simulator and IOS, so that they can be reviewed. The replay must include the ability to replay the scenario as viewed from multiple eyepoints, including those of the driver, a third person, and multiple bird's-eye views. The playback of any recording must recreate all of the original training exercise cues, including audio, visual, and vehicle states. After playback of an exercise, the instructor must be able to either reload the same scenario or load a new exercise. Student scoring records must be able to be displayed and printed as part of the replay. The replay control must provide the ability to show violations, include a slider-bar to quickly move to any point in the scenario, and allow the instructor to change viewing (camera) angle. The instructor must also be able to click on a scoring violation to go directly to that point in the replay.

Video Camera: An integrated camera must be included to record the student's position, facial expressions, and hand reactions to provide training feedback. In addition, the camera must show a live image at the Instructor Operator Station for observation by the instructor. During low-light situations, the camera must automatically switch to black-and-white, infrared mode to maintain a high-contrast, crisp image of the driver. The video feed must also be available during the recorded after-action review (AAR) and replay. Video must be able to be played back during AAR in complete synchronization with the out-the-window view of the recorded driving actions displayed in the scenario replay function. AAR video playback must also be able to be paused and indexed forward and backward in time.

Instructor Control of Vehicles: The instructor must be able to control the behavior of scenario vehicles within a scenario from the IOS. These controllable behaviors must include:

- * Speed
- * Forward/reverse direction
- * Obedience to rules of road (stop, yield, etc.)
- * Driver drunkenness
- * Aggressiveness

Faults: Simulator must provide a library of at least 20 faults and malfunctions that can be triggered and/or cleared in real time during training by the instructor from the IOS or scripted into a scenario to happen automatically. These must include at least tire blowouts, brake failures, engine temp/failure, oil pressure, headlight failure, low fuel, faulty engine, locked brakes, as well as warning lamps and indicators for high exhaust temp, DPF status, malfunction, and maintenance.

Weather: The instructor must be able to control time-of-day, weather effects, and road conditions in real time. The instructor must be able to modify environmental conditions in real time or script them into scenarios using the Scenario generation / creation tool. Environmental conditions must include rain, snow, ice, fog, and wind. Each of them must be configurable from very light to very heavy. When an adverse weather state is triggered, corresponding road conditions must also be enabled automatically.

Real Time Status Monitoring: The instructor shall always be able to, in real time, the status of up to 4 drivers from a single IOS:

- * Steering position
- * Brake, accelerator, clutch status
- * Speed and RPM
- * Turn signals

- * Seat belt
- * Headlights
- * Trailer air brake
- * Parking Brake
- * Horn
- * Ignition
- * Trip distance/time
- * Vehicle model
- * Scenario status and simulator connectivity

Networking: Simulator must be able to function either as a stand-alone unit, or as part of a network of simulators. Simulator must support the networking of a minimum of two simulators with control from a single IOS and allow interaction with each other in the same scenario.

Data Collection: The simulator software must automatically collect and report scoring data from a scenario. After a student's simulated drive, the software must generate a simple to read report indicating the individual strengths and weaknesses of each driver. This data must include:

- * Driver ID
- * Date and time
- * Vehicle Model
- * Startup procedures such as seat belt and parking brake status,
- * Collisions
- * Engine stalls
- * Speed management/violations,
- * Space management/following distance,
- * Hard braking/deceleration events,
- * Malfunctions triggered
- * MPG
- * Time / Trip distance
- * Number of violations/warnings

Lesson Plan Editor: Simulator must provide a menu-driven interface for the simple and effective creation and modification of lesson plans for use during training. This must allow the instructor to quickly and efficiently load sets of scenarios, in a pre-defined order if desired, to improve the flow of training for a specific type of task or curriculum objective.

Facility Requirements: The simulator should be able to be powered from a single 115/120VAC, 20A, 60Hz outlet. The simulator should operate safely in ambient temperatures of 50F – 85F (10C – 30C). The simulator should be able to be installed into rooms with doors as narrow as 34" wide (standard sized office door)

**Bid Transmittal for JSCC Bid #21-005
for CDL/Truck Driving Simulator**

CDL/Truck Driving Simulator: _____

JSCC Bid: #21-005

Date: _____

The undersigned agrees to furnish to Jefferson State Community College and deliver the above in complete accordance to specifications herein listed and at the above listed prices. The undersigned also has the authority to enter this agreement.

Signed: _____

Printed: _____

Company: _____

Phone: _____

Street Address: _____

Email Address: _____

Collusion/Fraud Statement

I certify that I have read the General Conditions and Instructions to Bidders of the bid and this offer is made without prior understanding, or connection with any entity or person submitting a bid for the same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I am authorized to sign this bid for the bidder. I agree to abide by all conditions of this bid request.

Name of Company (please type or print in ink)

Authorized Signature (sign in ink)

Complete Address for Mailing Purchase
Order and Payment

Typed/Printed Name of Signature Above

City State Zip Code

Title (please type)

Telephone Number

Fax Number

NOTARIZATION

Sworn and subscribed before me this the _____ day of _____, _____

Notary Public Signature

My commission expires (date)



MINORITY INFORMATION

If this business is minority owned, please list the qualification status below:

Immigration Compliance

By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the state of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of this agreement and shall be responsible for all damages resulting therefrom.

JSCC Bid #21-005

Date: _____

Name of Company (please type or print in ink)

Authorized Signature (sign in ink)

Title (please type or print in ink)

Typed/Printed Name of Signature

VENDOR DISCLOSURE STATEMENT

Vendor Disclosure Statement Information and Instructions

Act 2002-955 requires the disclosure statement to be completed and filed with all proposals, bids, contracts, or grant proposals to the State of Alabama in excess of \$5,000. The disclosure statement is not required for contracts for gas, water, and electric services where no competition exists, or where rates are fixed by law or ordinance. In circumstances where a contract is awarded by competitive bid, the disclosure statement shall be required only from the person receiving the contract and shall be submitted within ten (10) days of the award.

A copy of the disclosure statement shall be filed with the awarding entity and the Department of Examiners of Public Accounts and if it pertains to a state contract, a copy shall be submitted to the Contract Review Permanent Legislative Oversight Committee. The address for the Department of Examiners of Public Accounts is as follows: 50 N. Ripley Street, Room 3201, Montgomery, Alabama 36130-2101. If the disclosure statement is filed with a contract, the awarding entity should include a copy with the contract when it is presented to the Contract Review Permanent Legislative Oversight Committee.

The State of Alabama shall not enter into any contract or appropriate any public funds with any person who refuses to provide information required by Act 2002-955.

Pursuant to Act 2002-955, any person who knowingly provides misleading or incorrect information on the disclosure statement shall be subject to a civil penalty of ten percent (10%) of the amount of the transaction, not to exceed \$10,000.00. Also, the contract or grant shall be voidable by the awarding entity.

Definitions as Provided in Act 2002-955

Family Member of a Public Employee - The spouse or a dependent of the public employee.

Family Member of a Public Official - The spouse, a dependent, an adult child and his or her spouse, a parent, a spouse's parents, a sibling and his or her spouse, of the public official.

Family Relationship - A person has a family relationship with a public official or public employee if the person is a family member of the public official or public employee.

Person - An individual, firm, partnership, association, joint venture, cooperative, or corporation, or any other group or combination acting in concert.

Public Official and Public Employee - These terms shall have the same meanings ascribed to them in Sections 36-25-1(23) and 36-25-1(24), Code of Alabama 1975, (see below) except for the purposes of the disclosure requirements of this act, the terms shall only include persons in a position to influence the awarding of a grant or contract who are affiliated with the awarding entity. Notwithstanding the foregoing, these terms shall also include the Governor, Lieutenant Governor, members of the cabinet of the Governor, and members of the Legislature.

Section 36-25-1(23), Code of Alabama 1975, defines a public employee as any person employed at the state, county or municipal level of government or their instrumentalities, including governmental corporations and authorities, but excluding employees of hospitals or other health care corporations including contract employees of those hospitals or other health care corporations, who is paid in whole or in part from state, county, or municipal funds. For purposes of this chapter, a public employee does not include a person employed on a part-time basis whose employment is limited to providing professional services other than

lobbying, the compensation for which constitutes less than 50 percent of the part-time employee's income.

Section 36-25-1(24), Code of Alabama 1975, defines a public official as any person elected to public office, whether or not that person has taken office, by the vote of the people at state, county, or municipal level of government or their instrumentalities, including governmental corporations, and any person appointed to a position at the state, county, or municipal level of government or their instrumentalities, including governmental corporations. For purposes of this chapter, a public official includes the chairs and vice chair, or the equivalent offices of each state political party as defined in Section 17-16-2, Code of Alabama 1975.

Instructions

Complete all lines as indicated. If an item does not apply, denote N/A (not applicable). If you cannot include required information in the space provided, attach additional sheets as necessary.

The form must be signed, dated, and notarized prior to submission.



State of Alabama Disclosure Statement

(Required by Act 2001-955)

ENTITY COMPLETING FORM

ADDRESS

CITY, STATE, ZIP

TELEPHONE NUMBER

()

STATE AGENCY/DEPARTMENT THAT WILL RECEIVE GOODS, SERVICES, OR IS RESPONSIBLE FOR GRANT AWARD

ADDRESS

CITY, STATE, ZIP

TELEPHONE NUMBER

()

This form is provided with:

Contract Proposal Request for Proposal Invitation to Bid Grant Proposal

Have you or any of your partners, divisions, or any related business units previously performed work or provided goods to any State Agency/Department in the current or last fiscal year?

Yes No

If yes, identify below the State Agency/Department that received the goods or services, the type(s) of goods or services previously provided, and the amount received for the provision of such goods or services.

STATE AGENCY/DEPARTMENT	TYPE OF GOODS/SERVICES	AMOUNT RECEIVED

Have you or any of your partners, divisions, or any related business units previously applied and received any grants from any State Agency/Department in the current or last fiscal year?

Yes No

If yes, identify the State Agency/Department that awarded the grant, the date such grant was awarded, and the amount of the grant.

STATE AGENCY/DEPARTMENT	DATE GRANT AWARDED	AMOUNT OF GRANT

1. List below the name(s) and address(es) of all public officials/public employees with whom you, members of your immediate family, or any of your employees have a family relationship and who may directly personally benefit financially from the proposed transaction. Identify the State Department/Agency for which the public officials/public employees work. (Attach additional sheets if necessary.)

NAME OF PUBLIC OFFICIAL/EMPLOYEE	ADDRESS	STATE DEPARTMENT/AGENCY

OVER

2. List below the name(s) and address(es) of all family members of public officials/public employees with whom you, members of your immediate family, or any of your employees have a family relationship and who may directly personally benefit financially from the proposed transaction. Identify the public officials/public employees and State Department/Agency for which the public officials/public employees work. (Attach additional sheets if necessary.)

NAME OF FAMILY MEMBER	ADDRESS	NAME OF PUBLIC OFFICIAL/ PUBLIC EMPLOYEE	STATE DEPARTMENT/ AGENCY WHERE EMPLOYED
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If you identified individuals in items one and/or two above, describe in detail below the direct financial benefit to be gained by the public officials, public employees, and/or their family members as the result of the contract, proposal, request for proposal, invitation to bid, or grant proposal. (Attach additional sheets if necessary.)

Describe in detail below any indirect financial benefits to be gained by any public official, public employee, and/or family members of the public official or public employee as the result of the contract, proposal, request for proposal, invitation to bid, or grant proposal. (Attach additional sheets if necessary.)

List below the name(s) and address(es) of all paid consultants and/or lobbyists utilized to obtain the contract, proposal, request for proposal, invitation to bid, or grant proposal:

NAME OF PAID CONSULTANT/LOBBYIST	ADDRESS
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By signing below, I certify under oath and penalty of perjury that all statements on or attached to this form are true and correct to the best of my knowledge. I further understand that a civil penalty of ten percent (10%) of the amount of the transaction, not to exceed \$10,000.00, is applied for knowingly providing incorrect or misleading information.

Signature Date

Notary's Signature Date Date Notary Expires

Act 2001-955 requires the disclosure statement to be completed and filed with all proposals, bids, contracts, or grant proposals to the State of Alabama in excess of \$5,000.