

Purchasing Department
1320 West Main Street Suite 202
Franklin, Tennessee 37064-3700
Phone (615) 472-4010



RFB # 1399
WILLIAMSON COUNTY SCHOOLS
FLIGHT SIMULATOR #1
STATIONARY OPEN COCKPIT and
BASIC AVIATION TRAINING DEVICE

Notice: The Bid opening date, that was originally advertised in the Tennessean, and the Williamson Herald, has been changed to a new date and time. The new bid opening date has been rescheduled to Tuesday, March 24, 2026 at 2:30 p.m. The terms, conditions and/or specifications shall remain the same.

Williamson County Schools, (WCS) is currently accepting sealed bids from qualified dealers for the purchase of a Flight Simulator - Stationary Open Cockpit Basic Aviation Training Device. This device will be used in the new WCS Innovation Center in Franklin TN.

Bids must be submitted in a sealed envelope, express mailed or hand delivered to the WCS Central Office, 1320 West Main Street, Suite 202, Franklin, TN 37064, ATTN: Skip Decker. Faxed or emailed bids will not be accepted. **Bids will be received until 2:30 pm on Tuesday, March 24, 2026 at which time they will be officially opened.**

Any bid received after the specified opening time will **not** be accepted. In the event WCS must reschedule an RFB opening date or time, the specifications obtained from the Purchasing Dept. shall reflect the actual date and time. Once the sealed RFB envelope is submitted to WCS the Purchasing Department will stamp the face of the envelope to authenticate the actual date and time it is received.

The OUTSIDE of the sealed bid envelope must list the following information:

- **RFB # 1399 Flight Simulator #1**
- **Date and Time of the Bid opening**
- **Bidders Name and address**

The INSIDE of the sealed envelope must contain the following items in order to be accepted, failure to include all of these items will result in disqualification:

- **Completed and Signed Bid Form**
- **TN Drug Free Affidavit (as required by TCA 50-9-113)**
- **TN Background Check Affidavit (as required by TCA 49-5-413)**
- **Certificate of Compliance with the Iran Divestment Act**
- **Non-Boycott of Israel Affidavit**

It is the bidder's responsibility to acknowledge and understand the specifications, scope, requirements, terms and conditions of this bid project. This request for bid was prepared by the WCS Purchasing Department. Should any terms or conditions on the attached specifications differ from the RFB then the terms and conditions of the RFB shall govern the bid process. Any/all questions concerning this RFB document should be addressed in an email and sent to Skip Decker skipd@wcs.edu with the WCS Purchasing Department. No questions will be answered on the phone or verbally. All questions will be answered in an Addendum and will be sent to all interested bidders. **NO questions will be allowed after Tuesday, March 17, 2026 at 4:00 pm. An Addendum with the answer to all questions will be sent out around 2:00 pm on Wednesday March 18, 2026 to potential bidders. The addendum will be posted on the WCS website. No further correspondence or queries will be addressed.**

INTRODUCTION TO BID SPECIFICATIONS

This RFB Document contains important details along with precise specifications. "Bidders Beware" understand that the scope and significance of your bid must comply with the specifications. WCS has compiled a complete and straight forward list of specifications which are detailed in these documents.

Part One:

- 1.1 Purpose:** WCS has constructed a new Innovation Hub for our CTE students. This bid is for the purchase of a high-quality Flight Simulator to introduce the students to the aviation field.
- 1.2 Experience:** Companies submitting a bid for the flight simulator should have a minimum of five year's experience in this type of technology. Bids submitted should be from companies that have the experience, fortitude, determination and financial backing to sell, service, install and train the trainer on how to use these machines. Bid price is to be a 100% turn-key job with the awarded bidder, handling all aspects of the purchase.
- 1.3 The use of a manufacturer's name:** Use of any special brand, model or make in describing an item or the use of detailed descriptive specifications pertinent thereto, does not restrict bidders to that manufacturer or specific article or such detailed descriptive specifications. This means or method is being used to indicate the character or quality of the article desired. The articles or service on which bids are submitted should be of such character, quality and design that will serve the purpose for which it is intended.
- 1.4 Indemnification/ Hold Harmless:** The awarded bidder shall indemnify, defend, save and hold harmless Williamson County Schools its officers, agents and employees from all suits, claims, actions or damages of any nature brought because of arising out of, or due to breach of the agreement by awarded bidder, its subcontractors, suppliers, agents or employees or due to any negligent act or occurrence of any omission or commission of contractor, its subcontractors, suppliers, agents or employees.

Part Two:

- 2.1 **Award of Bid:** The bid will be awarded to the lowest and best overall bid that meets or exceeds the specifications set forth by the WCS – CTE Career & Technology Department. Any bid that clearly does not meet the specifications will not be considered. It is important to note that WCS will evaluate all submittals using the bidder's ability to complete and follow instructions when providing the document. Bids will be considered using the bidder's level of proposed technology, materials, past experience, cost, and overall quality of the flight simulator.
- 2.2 **Funding:** This project is ultimately subject to funding as with all WCS projects. Bid costs must include all related sales and use tax. Although WCS is tax exempt the Bidders is responsible for any and all sales and use tax for the materials and equipment.
- 2.3 **Training:** WCS will require the awarded bidder provide 100% of the cost to provide complete installation, set up, demonstrations and training the trainer when it is delivered to the school district. Bids must include the cost of the live in person demonstration.
- 2.4 **Added Cost:** The awarded bidder will make available to WCS the entire price and **no added cost regardless of what the nature** will be paid. Each bidder should use caution to be sure that they have included any annual support or licenses cost in the submitted bids. If the awarded bidder fails to comply WCS will not be obligated to pay any additional cost incurred by the bidder.
- 2.5 **Invoicing -Payments:** Payments will be made within (30) days of the date the awarded bidder delivers and has completed the installation of the equipment and all other aspects of the bid project. All aspects must be complete and to the satisfaction of the CTE Director before the invoice is paid. WCS will pay from (1) itemized invoice. The invoice must include a WCS PO.

PART THREE

- 3.1 **Awarded Bidders Performance:** If at any time the awarded bidder fails to perform over the terms of the agreement then, WCS reserves the right to negotiate with the next best bidder. This includes failure to provide the units or any of the services included in the bid price they submit.
- 3.2 **Invoicing and Payments:** To reiterate, payments will be made within (30) days of the date the unit(s) are installed and the training set up to the satisfaction of the CTE Director. The companies bidding on this project must have ability to abide by this policy.
- 3.3 **Inside the bid envelope:** Bidders who have not completed the forms required on the first page of this document and placed them inside the sealed envelope will not be accepted. Before bids are read aloud, all forms must be signed, intact and accounted for or the bid will be disqualified. NO EXCEPTIONS
- 3.4 **Trash Facilities:** The awarded bidder must uncrate and dispose of all shipping cartons, containers or other trash off site. The bidder will not be allowed to use the facility dumpster and must haul off all shipping debris from the school grounds. This must be included in the cost of the units.

SPECIFICATIONS FOR THE OPEN COCKPIT FLIGHT SIMULATOR

- Specifications listed below are from a preferred unit Redbird LD/CL Standard C 172-G GFC700 Configuration representing a Cessna 172 with a G1000 and GFC700 Autopilot *Substitutions must be equal to or better than those Redbird specified and must be approved by the CTE Director and the WCS Purchasing Department in order to be accepted.*

Exterior:

- Open panel enclosure/flight deck design – with Redbird decaled shell
- Stationary open cockpit AATD with single pilot controls includes control loaded yoke.
- Configuration representing a Cessna 172 with a G1000 and GFC700 Autopilot
- Removable Throttle quadrant for LD/SD/FMX/MX2/MCX
- Yoke Control removable, control-loaded, standard yoke for LD/SD/FMX/MX2

Interior:

Controls and input devices

- Redbird premium yoke with 2-axix control loading, throttle quadrant and instrument paned overlay
- Rudder pedals with differential brakes (standard rudder panels)
- Parking brake switch
- Two (2) magnetos and starter switches
- Master battery and alternator switch
- Alternator 2 switch
- Two (2) fuel pump switch
- Beacon light switch
- Landing lights switch
- Strobe lights switch
- Pitot heat switch
- Avionics master switch
- Landing gear with switch and indicator LED's
- Elevator trim wheel
- Wing flaps switch
- Two (2) fuel selector valves
- Pause flight button
- End flight button
- Circuit breakers for Avionics, landing gear, flaps, auto pilot, pitot heat
- Pilot and copilot side headphone and microphone jacks
- Headset volume controls

- Volume knob

Visual and Audio Systems

- Six (6) 27” widescreen displays oriented in an arc around the pilot and copilot providing the external display
- Two (2) 19” widescreen displays providing cockpit instrument panel display.
- Audio system providing engine and environment sound.

Other Cockpit

- Instrument panel accent lighting under eyebrow
- Console connection port-type RJ45
- Two (2) pilot key ports – type USB

Hardware and Software Systems

- Redbird Simulation computer
- Redbird Simulation software
- Redbird Navigator Software with Dispatch, Instructor’s Station and Sim Management apps.
- Microsoft Windows operating System
- Lockheed Martin Prepar 3D Simulation Engine

Real Nav Professional Annual Subscription – 4 cycles

Pilot and Copilot LD Seats and Mounting platform modified floor LD customers.

SPECIFICATIONS FOR THE BASIC AVIATION TRAINING DEVICE TD/TD2

- *Substitutions must be equal to or better than those Redbird specified and must be approved by the CTE Director and the WCS Purchasing Manager in order to be accepted.*

Description:

- Interchangeable, desk-mounted BATD
- Includes RD1 Rudder panels and 1 year of worldwide navigation database updates
- TD/TD2 G 1000 Panel
- Redbird Alloy RD1 rudder pedals
- Real -world global information about airports, runways, enroute and terminal waypoints, VHF nav aids, airways, instrument approaches (including WAAS) departure procedures (SIDs) arrival procedures (STARSS) and airspace frequencies

- Horizon – Monitor Expansion kit for TD/TD2 includes monitors, brackets, cables and hardware. Upgrading system must have a compatible upper and CPU
- Custom built table for the TD and TD2 simulators
- Corvus Sync Foreflight to your redbird simulator for GPS location data, AHRS data and ADS-B TIS-B information – 1 MCX, 1 LD 6 TD2
- Redbird Aviation Headset branded aviation grade headset - LD
- Redbird Tracon-CPU Desktop computer for Redbird TRACON
- Tracon Communication Controller Kit Includes Aviation Headset Connect box and a Redbird Controller headset
- Tracon Communication Station Kit includes TRACON communication Box and 2 Redbird headsets
- Redbird Tracon Software Multi-sim command station software
- Desktop Simulator power & Data Cabling Kit, power cords, surge protector and CAT5 data cabling
- Professional Development Training 3 day on site professional development training program customized to integrate Redbird simulator into grade school and STEM programs
- Simulate flight Course Grades 9-12 Annual, up to 50 students for 1 year
- 12-month warranty with possible extended warranty
- Standard Class B Non-motion flat rate Annual
- Class B service agreement for SD and LD devices flat rate annual billing

The specifications above cover the requirements to provide aircraft training devices for Williamson County Schools, specifically the Innovation Center. All simulators and equipment must be approved by FAA standards.

**RFB # 1399
OPEN COCKPIT FLIGHT SIMULATOR #1
BID COVER SHEET**

**THIS BID COVER SHEET MUST BE ATTACHED AS THE FIRST PAGE
OF THE SUBMITTED RFB PACKETT.**

I, _____ (Name) _____ (Title)
verify that I have carefully read the specifications, terms conditions, and instructions contained within this RFB document. I understand, acknowledge and agree with all the language set forth in the document. I acknowledge that my bid price covers all the costs of providing the flight simulator and all other cost associated with them, which includes, but is not limited to shipping, installation, training, software and hardware and is 100% complete and ready to use by Williamson County Schools. By signing this document and submitting my bid I fully acknowledge, understand and accept the language contained within the document.

Flight Simulator must be delivered and installed at the following address:

Williamson County Schools
Innovation Hub
106 Claude Yates Drive
Franklin, TN 37064 Attn: Jeremy Qualls & Kris Schneider

Company Name: _____

Address: _____

Phone Number: _____ **Cell Phone Number:** _____

Email Address: _____

Signature: _____ **Date:** _____

Printed Name: _____

BID ITEM #1 : Stationary Open Cockpit Simulator WCS intends to purchase (2) units.
Please provide the 100% total cost of the flight simulator as per specifications.

Each Unit \$ _____ Total for (2) units \$ _____

BRAND: _____ **MODEL:** _____

WARRANTY: _____

Annual Licensing /Support Fees List all: _____

COMMENTS:

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BID COVER SHEET
Page Two

Company Name: _____

BID ITEM #2 : Basic Aviation Training Device WCS intends to purchase (6) units.
Please provide the 100% total cost of the Aviation Training Device as per specifications.

Each Unit \$ _____ Total for (6) units \$ _____

BRAND: _____ MODEL: _____

WARRANTY: _____

Annual Licensing/Support Fees List All: _____

COMMENTS:

NOTE: CONERNING LIQUIDATED DAMAGES:

Turnkey delivery, installation, test, train deadline is Thursday, July 31, 2026
Which is approximately 125 days from date of the awarded PO. If not completed
By before this date, then beginning Friday, August 1, 2026 liquidated damages of \$250 per
consecutive calendar day shall be begin and will continue until project is complete to the
satisfaction of the CTE Director and the WCS Purchasing Manager. Deductions will be
deducted from the invoice before payment is made.

DRUG-FREE WORKPLACE AFFIDAVIT

STATE OF _____

COUNTY OF _____

The undersigned, principal officer of _____, an employer of five (5) or more employees contracting with Williamson County government to provide construction services, hereby states under oath as *follows*:

1. The under signed is a principal officer of _____ (hereinafter referred to as the "Company"), and is duly authorized to execute this Affidavit on behalf of the Company.

2. The Company submits this Affidavit pursuant to T.C.A. § 50-9-113, which requires each employer with no less than five (5) employees receiving pay who contacts with the state or any local government to provide construction services to submit an affidavit stating that such employer has a drug-free workplace program that complies with Title 50, Chapter 9, of the *Tennessee Code Annotated*.

3. The Company is in compliance with T.C.A. § 50-9-113.

Further affiant saith not.

Principal Officer

STATE OF _____

COUNTY OF _____

Before me personally appeared _____ with whom I am personally acquainted (or proved to me on the basis of satisfactory evidence), and who acknowledged that such person executed the forgoing affidavit for the purposes therein contained.

Witness my hand and seal at office this _____ day of _____, 20__

Notary Public _____

My commission expires: _____

CRIMINAL BACKGROUND COMPLIANCE AFFIDAVIT

STATE OF _____

COUNTY OF _____

The undersigned, principal officer of _____, an employer contracting with Williamson County Board of Education to provide services having direct contact with children or access to grounds of a Williamson County public school while students are on grounds, hereby states under oath as follows:

1. The undersigned is a principal officer of _____ (hereafter referred to as the "Company") and is duly authorized to execute this Affidavit on behalf of the Company.

2. The Company submits this Affidavit pursuant to T.C.A. § 49-5-4 13 as amended effective September 1, 2007 for entities entering into contracts with a local board of education where the company's employees will have direct contact with school children or access to the grounds of a school when children are present. It is the duty of the Company to require applicants supply a fingerprint sample and submit to a criminal history records check to be conducted by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation prior to permitting the person to have contact with such children or enter school grounds and to take certain other actions based upon the results of the records check.

3. The Company is in compliance with the terms of T.C.A. § 49-5-413.

Further affiant saith naught. Principal Officer

STATE OF _____ COUNTY OF _____

Before me personally appeared _____ with whom I am personally acquainted (or proved to me on the basis of satisfactory evidence), and who acknowledged that he/she is the

_____ of _____ and is authorized to execute this instrument on behalf of the principal for the purposes therein contained.

Witness my hand and seal at office this _____ day of _____, 20 _____.

Notary Public _____

My commission expires: _____

CERTIFICATION OF COMPLIANCE WITH THE IRAN DIVESTMENT ACT

Effective July 1, 2016, this form must be submitted for any contract that is subject to the Iran Divestment Act, Tenn. Code Ann. § 12-12-101, et seq., (“Act”). This form must be submitted with any bid or proposal regardless of where the principal place of business is located.

Pursuant to the Act, this certification must be completed by any corporation, general partnership, limited partnership, limited liability partnership, joint venture, nonprofit organization, or other business organization that is contracting with a political subdivision of the State of Tennessee.

Certification Requirements.

No state agency or local government shall enter into any contract subject to the Act, or amend or renew any such contract with any bidder/contractor who is found ineligible under the Act.

Complete all sections of this certification and sign and date it, under oath, in the presence of a Notary Public or a person authorized to take an oath in another state.

CERTIFICATION:

I, the undersigned, certify that by submission of this bid, each bidder and each person signing on behalf of any Respondent certifies, and in the case of a joint bid or contract each party thereto certifies, as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to Tenn. Code Ann. § 12-12-106.

Respondent represents it has the full power, knowledge, and authority to make this Certification and that the signatory signing this Certification on behalf of bidder/contractor has been duly authorized to do so on behalf of the bidder/contractor.

Sworn as true to the best of my knowledge and belief, subject to the penalties of false statement.

Printed Respondent Name Printed Name of Authorized Official

Signature of Authorized Official

Date

NON-BOYCOTT OF ISRAEL CERTIFICATION

Tenn. Code Ann. § 12-4-119 prohibits public entities from entering into a contract for services, supplies, information technology or construction unless the contract includes a written certification that the company is not currently engaged in and will not be engaged in for the duration of the contract, a boycott of Israel. This applies to any contract entered into on or after July 1, 2022. The law does not apply to contracts with a value of less than \$250,000 or in contracts where the supplier has less than ten employees. A boycott of Israel means engaging in refusals to deal, terminating business activities or other commercial actions that are intended to limit commercial relations with Israel, or companies doing business in or with Israel or authorized by, licensed by or organized under the laws of the State of Israel to do business, or persons or entities doing business in Israel, when such actions are taken: (1) In compliance with, or adherence to, calls for a boycott of Israel, or (2) In a manner that discriminates on the basis of nationality, national origin, religion, or other unreasonable basis and is not based on a valid business reason. Tenn. Code Ann. § 12-4-119.

Certification Requirements. Complete all sections of this certification and sign and date it, under oath, in the presence of a Notary Public or a person authorized to take an oath in another state.

CERTIFICATION: The Contractor certifies that it is not currently engaged in, and will not for the duration of the contract engage in, a boycott of Israel as defined by Tenn. Code Ann. § 12-4-119. This provision shall not apply to contracts with a total value of less than two hundred fifty thousand dollars (\$250,000) or to contractors with less than ten (10) employees.

Printed Name and Title of Authorized Official

Signature of Authorized Official

Date

STATE OF _____

COUNTY OF _____

Before me personally appeared _____, with whom I am personally acquainted (or proved to me on the basis of satisfactory evidence), and who acknowledged that such person executed the forgoing affidavit for the purposes therein contained.

Witness my hand and seal at office this _____ day of _____.

Notary Public My commission expires:
