

Monroe County Community College Bid Sheet

Bid Project: #09-10.25, Full Motion Flight Simulator
Date of Bid Opening: 11/7/2025
Time of Bid Opening: 2:30pm

Vendor Name:	TRC America	Quake Logic Inc	Redbird
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Iran Sanctions Act Form	Y	Y	Y
Familial Relationship Disclosure Form	Y	Y	Y
Signed Bid Form	Y	Y	Y
Hardware Bid:	\$338,000	\$98,995	\$96,488
Installation Bid:	\$14,900	\$6,000	\$3,438
Training Bid:	Included	Included in Installation	Included
Shipping Bid:	\$10,500	Included	\$7,906
Total Bid:	\$363,400	\$104,995	\$107,832 **
Lead Time:	14-16 Weeks	90 Days after PO Received	6 Weeks- 4 Production, 2 Weeks for Shipping & Installation
Deviations From The Following Specifications?			
<u>Exterior:</u> Aluminum cockpit enclosure - Painted and decaled	White painted aluminum	Custom Painted Quake Logic Design	None
<u>Interior:</u> Controls and Input Devices			
2 x premium yoke linked with 2-axis control loading	None	Dual Linked Active Force Feedback	None
2 x Rudder pedals linked with differential brakes	None	None	None
Magnetos and starter switch	None	None	None
Master battery and alternator switch	None	None	None
Two (2) Fuel pump switch	None	None	None

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Landing lights switch	None	Toggle-Type W/ LED Indicator	None
Taxi lights switch	None	None	None
Navigation lights switch	None	Independent On-Off Control	None
Beacon switch	None	Flashing Beacon Control Integrated	None
Strobe Lights switch	None	None	None
Pitot Heater switch	None	Simulated Heater Function	None
Avionics master switch	None	None	None
Landing gear switch and indicator LED's	None	3 LED Gear Position Indicators	None
Elevator trim wheel	None	Manual Rotary Trim Wheel w/ Encoder Feedback	None
Wing flaps switch	None	2 Position Toggle w/Visual Indicator	None
Alternate static air switch	None	Functional Simulated Control	None
Parking brake switch	None	None	None
Fuel selector valve	None	3 Position Rotary Selector	None
Pause flight button	From Instructor Station Terminal	Assigned Button on Console	None
End flight button	From Instructor Station Terminal	Software Linked Termination Control	None
Pilot side headphone and microphone jacks	None	3.5mm Dual Ports	None
Copilot side headphone and microphone jacks	None	3.5mm Dual Ports	None
Headset volume controls	None	Individual Adjustments	None
Instructors console connection port – Type RJ45	None	LAN Based Control Interface	None
Pilot Key port – Type USB	None	Front Panel	None
Motion platform emergency stop button	None	Dual E-Stop w/ Light Indicator	None
Volume knob	None	Hardware Based Audio Master Control	None
<u>Visual and Audio Systems:</u>			
Six (6) 27" widescreen displays oriented in an arc around the pilot and copilot, providing the external display	7 x 55" HD Screens	Triple Screen Mirrored Array 180 Degree FOV	MCX Quoted Will Have 8 27" Wide Screen Displays In

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			An Arc Around the Pilot & Copilot Providing Exterior Display
Two (2) 19" widescreen displays providing cockpit instrument panel display	2 x 24" Screens for Instructor Station Displaying Cockpit Instruments	Dedicated PFD & MFD Screens	None
Audio system providing engine and environment sound	None	None	None
<u>Cockpit:</u>			
Pilot seat with seatbelt – adjustable	None	Adjustable Height & Recline	None
Copilot seat with seatbelt - adjustable	None	Dual Adjustable Seat System	None
Instrument panel accent lighting under eyebrow	None	LED Accent Illumination	None
110v 20amp power outlet	None	Standard US Outlet Connection Provided	None
<u>HARDWARE AND SOFTWARE SYSTEMS:</u>			
Simulation computer	2 x High End Performance PC's	High-Performance Workstation, i9 CPU, 64GB RAM, RTX GPU, SSD	None
Simulation software	X-Plane 11 Pro	QuakeLogic Simulation Suite	None
Instructor's console software	None	Real-Time Monitoring, Replay, and Scoring Interface	None
Administration software	None	User/Session Management & Report Tools	None
Motion platform control software	None	QuakeLogic Motion Control w/ 6DOF Feedback	None
Microsoft® Windows 11 Operating System	None	64-Bit Professional Edition, Licensed	None
Lockheed Martin Prepar3D Simulation Engine	No, W-Plane 11 Pro	Version 5 Professional License-Perpetual	None
<u>MOTION PLATFORM</u>			
Motion platform capable of simulating roll, pitch and yaw motions	A high end commercial grade 6-DOF W/ Force(190 N Pitch, 11 NM Roll) & Travel(6.3" Pitch,	6 Degrees of Freedom Motion System Providing Roll +/-30 Degrees, Pitch +/-25 Degrees, and YAW +/- 30 Degrees with Full	None

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	+/- 90 degree Roll) & yaw. The 6 DOF platorm can simulate all 3 rotaional & 3 translational motions. Pitch, Roll, Yaw, Surge, Sway & Heave	Heave, Sway, and Surge Campability	
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**Redbird also added this option: MCCC provides forklift w/extended tynes for offloading during delivery, & provide 3-4 people for 2 days to assist w/ assembly – shipping will be decreased by \$2,350.00

Opened at MCCC by: Amy Salliotte
Witnessed by: Randy Berns