

**Sauk Valley Community College
October 20, 2025**

Action Item 4.5

Topic: **Equipment Purchase - Amatrol Pneumatic Learning System**

Strategic Direction: **Workforce Development – Sauk Valley Community College meets the workforce needs of the region through effective and responsive programming and services for all learners.**

Presented By: **Drs. David Hellmich and Jon Mandrell**

Presentation:

Due to increased enrollment in the Multicraft Technology Program and the high workforce demand, there is an opportunity to increase enrollment by providing access to additional training equipment, particularly motor control learning systems. The quoted price for the instructional equipment is \$37,855.

In accordance with Board Policy 305.01 and Section 3-27.1 of the Illinois Public Community College Act (110 ILCS 805/3-27.1), formal competitive bidding is not required for contracts that are not adaptable to competitive bidding, including purchases of goods or services that are economically procurable from only one source. The equipment proposed for purchase is only available from a single authorized source and is not offered through any other distributor or procurement channel. As such, this qualifies as a sole source procurement and is exempt from the College's formal bidding requirements.

The purchase will be funded through restricted funding bond proceeds.

Recommendation:

The administration recommends the Board approve the purchase of one Electric Motor Control Learning System, one Variable Frequency AC Drive Learning System, one Electronic Sensors Learning System, one Fault Troubleshooting System, one Prony Brake, and one Mobile Technology Workstation, in the amount of \$37,855.00 to be funded through restricted purpose bond proceeds.

Moss Enterprises

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**ADDRESS**

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Sauk Valley Community

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Quote 734(2)T**DATE 09/25/2025****EXPIRATION DATE 11/07/2025****EDUCATION SPECIALIST**

Tom Bohr

ITEM #	DESCRIPTION	QTY	RATE	AMOUNT
85-MT5	Electric Motor Control Learning System Requires EL613-43 Prony Brake, 41202 Hand Tool Package, 208V/60Hz/3 ph electrical, compressed air, and PC. See amatrol.com/support for PC requirements. Recommended table 82-610 Mobile Technology Workstation or equivalent. Optional 890-FTS1 Fault Troubleshooting System and 23151 Spare Parts Kit available. Includes: (1) Tabletop Workstation; (1) Manual Fault Insertion System with 35 faults total for 10 modules; (1) Interface to 890-FTS1 Automatic Fault Insertion System; (1) Operator Station; (11) Application Stations; (1) N17401 Student Curriculum - Interactive PC-Based Multimedia; (1) C17401 Instructor's Guide; (1) K17401 Instructor's Resource Print CD; (1) D17401 Installation Guide; (1) H17401 Student Reference Guide.	1	20,855.00	20,855.00

ITEM #	DESCRIPTION	QTY	RATE	AMOUNT
85-MT5C	<p>Variable Frequency AC Drive Learning System, AB PowerFlex (Regular Banana Leads) Requires 85-MT5 Electric Motor Control Learning System and PC; see amatrol.com/support for PC requirements.</p> <p>Includes: (1) Programmable AB PowerFlex VFD; (1) Potentiometer; (1) Maintained Switch; (2) Momentary Switches; (1) Fault Module With (5) Faults; (1) Motor Connection Panel; (1) M17411 Student Curriculum - Interactive PC-Based Multimedia; (1) C17411 Instructor's Guide; (1) K17411 Instructor's Resource Print CD; (1) D17411 Installation Guide; (1) H19700 Student Reference Guide.</p>	1	5,455.00	5,455.00
85-MT5D	<p>Electronic Sensors Learning System (Regular Banana Leads) Requires 85-MT5 Electric Motor Control Learning System and PC; see amatrol.com/support for PC requirements.</p> <p>Includes: (1) Electronic Sensors Station with: (1) Inductive Proximity Sensor, (1) Capacitive Proximity Sensor, (1) Photo-Electric Proximity Sensor; (1) Target Set; (1) M17404 Student Curriculum - Interactive PC-Based Multimedia; (1) C17404 Instructor's Guide; (1) K17404 Instructor's Resource Print CD; (1) D17404 Installation Guide; (1) H19700 Student Reference Guide.</p>	1	2,260.00	2,260.00
890-FTS1	<p>Fault Troubleshooting System Requires 85-MT5 Electric Motor Control Learning System or T7300 HVAC Controls Learning System. Requires PC; for PC requirements, see amatrol.com/support. Install with D17401 (85-MT5) or D17901 (85-MT5SL).</p> <p>Includes: (1) Fault Controller Module with microprocessor fault insertion (random or single), power supply, 35 faults; (35) fault cables; (1) 11164 FaultPro USB 4.0 Electronic Troubleshooting Software; (1) User's Guide; (1) USB cable and interface; (1) Power ON/OFF Switch; (1) On-Line Fault Control, both manual and automatic; (1) Student Response Data Tracking; (1) Instructor Configuration Module.</p>	1	6,455.00	6,455.00
EL613-43	<p>Prony Brake Required for 85-MT5 Electric Motor Control Learning System. Install with D17401 (85-MT5).</p> <p>Includes: Prony Brake Unit and Coolant.</p>	1	1,100.00	1,100.00

ITEM #	DESCRIPTION	QTY	RATE	AMOUNT
82-610W	Mobile Technology Workstation, Type 1, White Surface, 6 Foot Includes: (1) Welded Steel Frame; (1) White Laminated Work Surface; (4) Casters. Dimensions: 30"H x 30"W x 72"L.	1	1,730.00	1,730.00

If you any questions about this quotation, please contact your Education Specialist at (800) 822-4048.	SUBTOTAL	37,855.00
	TAX	0.00

When ready to invest in your next educational solution, contact Dana Buster at (800) 822-4048 or email purchase order to dana@mossent.com.

TOTAL	\$37,855.00
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Accepted By

Accepted Date