

**Sauk Valley Community College
September 26, 2022**

Action Item 4.5

Topic: Purchase Approval - Amatrol Solar PV 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: Dr. David Hellmich and Dr. Jon Mandrell

Presentation:

With the Multicraft program’s continued growth and focus on solar energy, the College is in need of additional learning systems that will be used in the ENE courses and the Solar Energy Technician certificate.

As Amatrol is the sole supplier of this item, a bid is not required, and Illinois Green Energy Network (IGEN) grants funds will be used for this purchase. IGEN is a consortium of Illinois community college districts formed in 2008. IGEN’s mission is to provide a platform for collaboration among all Illinois community colleges and their partners to drive growth of the green economy. IGEN’s vision is the Illinois community college system as a global leader in transforming education and the economy for a sustainable future. IGEN is considered a national model for a sustainability-focused network in higher education.

Item	Total Price
Solar PV Installation Learning System	\$25,220
Solar PV Array Station	\$7,080
Hand Tool Package - Solar PV	\$1,420
Consumables Package for 950-SPF1	\$2,505
Total	\$36,225

Recommendation:

The administration recommends the Board approve the quote from Moss Enterprises in the amount of \$36,225 to be paid from Illinois Green Energy Network grant funds and/or restricted bond proceeds.



Pricing Detail Customized For:

Dave Habben
Sauk Valley Community College
173 IL RT 2
Dixon, IL 61021

Student achievement matters. Student achievement is made possible when educators have the right tools and equipment in the classroom. For over 50 years, Moss worked to provide the tools educators need to succeed. We take the time to understand your needs, and will customize solutions right for you. We partner with the leaders in order to ensure you have access to the right tools that are cost effective to own and maintain. Service matters and we are committed to doing everything we can to help you reach your goals.

Please review the attached price quotation. If you have any questions, please contact **Tom Bohr**, your Education Specialist, at (800) 822-4048 or via email at Tombuhr@mossent.com. When ready to invest in your next educational solution, contact **Dana Buster** at **(800) 822-4048** or email purchase order to Dana@mossent.com.

Thank you for your confidence in us - we look forward to working with you!

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Moss Enterprises
 5408 NW 88th St #120
 Johnston, IA 50131



515-278-1219
800-822-4048

www.mossent.com

Quotation

PRICES FIRM FOR 30 DAYS.

TO: Dave Habben
ATTN: Sauk Valley Community College
 173 IL RT 2
 Dixon, IL 61021

DATE: 9-Sep-22
TERMS: NET 30 DAYS
 Penalty of 1 1/2% per mo. after 30 days
 Credit card orders subject to 3% convenience fee
FOB: MFR will calculate freight
BY: *[Signature]*

Model Number	Description	Qty.	Unit Price	Total Price
	AMATROL			
950-SPF1	<p>Solar PV Installation Learning System Requires 95-SPA1 Solar PV Array Station, 208V/60Hz/3ph electrical, 41207 Solar PV Hand Tool Package, and 20180 Consumables Package. Also requires utility grid connection and may require approval from utility to make connection. Amatrol recommends 950-SC1 Solar Concepts for basic concept preparation. Requires PC; see amatrol.com/support for PC requirements.</p> <p>Includes: (1) Mobile Workstation; (1) Component Panel; (1) Distribution Panel; (1) PV Array Disconnect; (1) AC Disconnect; (1) Micro-Inverter; (1) AC Connector; (1) Combiner Box; (1) Inverter; (1) Charge Controller; (1) DC and AC Load Set; (1) Multimeter Set; (1) M20105 Student Curriculum - Interactive PC-Based Multimedia; (1) C20105 Instructor's Guide; (1) K20105 Instructor's Resource Print CD; (1) D20105 Installation Guide; (1) H20105 Student Reference Guide.</p>	1	\$25,220.00 \$	25,220.00
95-SPA1	<p>Solar PV Array Station Required by 950-SPF1 and 950-SPT1. Requires 120V/60Hz/1ph electrical. Available option: 20179 Solar PV Array Extender Cable for locating an array remotely.</p> <p>Includes: (1) Mobile Workstation; (1) PV Panel Set; (1) Sun Simulator; (1) Panel Cover; (1) Power Cable.</p>	1	\$7,080.00 \$	7,080.00

41207	Hand Tool Package - Solar PV Required for 950-SPF1.	1	\$1,420.00 \$	1,420.00
	Includes: (1) Clamp Meter; (1) Digital Multimeter; (1) Wire Crimping Tool Set; (1) Diagonal Cutter; (1) Wire Stripper; (1) Allen Wrench; (3) Screwdrivers; (2) Pliers; (2) Testers; Tape and Thermal Rings; (1) Tool Box.			
20180	Consumables Package for 950-SPF1	1	\$2,505.00 \$	2,505.00
	Includes varying lengths of consumable wire and cable used in the 950-SPF1 Solar PV Installation Learning System.			
			Total \$	36,225.00

All Prices Include Shipping and Installation