



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.



Header 2

List View

General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 737228

Procurement Type: Central Purchase Order

Vendor ID: 000000176104



Legal Name: THE LINCOLN ELECTRIC COMPANY

Alias/DBA:

Total Bid: \$32,864.76

Response Date: 06/11/2020



Response Time: 10:38

SO Doc Code: CRFQ

SO Dept: 0603

SO Doc ID: ADJ2000000038

Published Date: 6/10/20

Close Date: 6/22/20

Close Time: 13:30

Status: Closed

Solicitation Description: 19MJCP-083



Total of Header Attachments: 2

Total of All Attachments: 2



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Solicitation Response

Proc Folder : 737228
 Solicitation Description : 19MJCP-083
 Proc Type : Central Purchase Order

Date issued	Solicitation Closes	Solicitation Response	Version
	2020-06-22 13:30:00	SR 0603 ESR06112000000007497	1

VENDOR
000000176104 THE LINCOLN ELECTRIC COMPANY

Solicitation Number: CRFQ 0603 ADJ2000000038

Total Bid : \$32,864.76 Response Date: 2020-06-11 Response Time: 10:38:57

Comments:

FOR INFORMATION CONTACT THE BUYER
 John W Estep
 (304) 558-7839
 john.w.estep@wv.gov

Signature on File FEIN # DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Welding Training Device	1.00000	EA	\$11,239.910000	\$11,239.91

Comm Code	Manufacturer	Specification	Model #
60106109			

Extended Description : 3.1.1 Virtual Reality Arc Welding Training Simulator.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Welding Training Device with Stand and Armrest	1.00000	EA	\$21,624.850000	\$21,624.85

Comm Code	Manufacturer	Specification	Model #
60106109			

Extended Description : 3.1.2 Virtual Reality Welding Simulator, Flexible Tabletop Welding Stand, and Armrest



FIRM PROPOSAL

VRTEX® Engage™

PREPARED BY:

Sarah Evans

22800 Saint Clair Avenue, Cleveland, OH 44117

Phone: 216-383-2617

PREPARED FOR: West Virginia Adjutant General - WVANG

PREPARED ON: 05-27-2020

Quick Reference: 2314



Dear Chuck Bowman,

Lincoln Electric is pleased to provide you with this VRTEX® proposal.

VRTEX® virtual reality arc welding training simulators take welding training to a new level. These educational tools are designed to supplement and enhance traditional welding training. The VRTEX systems promote the efficient transfer of quality welding skills and body positioning to the welding booth while reducing material waste associated with traditional welding training. The combination of realistic puddle, arc welding sound and real time feedback tied to the welder's movement provides an exciting, hands-on training experience. Ideal for basic to advanced welding training, they are also used for skill evaluation, recruiting and engagement tools for welding education and industry. VRTEX proven benefits include:

- Reduction in costs and scrap
- Increase certification rates
- Faster training time

A free 2-day VRTEX training class is available in Cleveland, OH. The schedule and registration can be found at www.classes.lincolnelectric.com under Seminars/Workshops.

With more than a century of experience in welding education Lincoln Electric offers the industry's most comprehensive welding training solution including:

- Equipment
- Consumables
- Advanced Training Systems
- Plasma Cutting Systems
- Gear and Tools
- Curriculum
- Robotics
- Welding Booths
- Fume Extraction Systems
- Professional Development Courses
- Training Center Construction Consultation
- Free Resources for Educators and Trainers

If you have any questions about our offering, please feel free to contact us.

We look forward to hearing from you.

Kindest Regards,

Sarah Evans

216-383-2617

Sarah_Evans@lincolnelectric.com





K4299-1 (Standard Frequency)

K4299-2 (Alternate Frequency 1)

K4299-3 (Alternate Frequency 2)

K4299-4 (Alternate Frequency 3)

- Virtual reality machine includes a touch screen monitor, welding gun, tracking device and a work surface in a portable case.
- GMAW, FCAW, SMAW
- Replay the weld and watch the play back
- View a demo weld for every weld
- Base metals include: ASTM A36
- Welding positions: 2F, 3F, 1G, 2G
- Transfer types: short arc, pulse and spray
- Positions include vertical, horizontal and flat
- Multi-pass welds
- Scores: travel speed, work angle, travel angle, contact tip to work distance, and aim.
- Weld discontinuities tracked: incomplete fusion/penetration, slag inclusion, porosity, undercut, poor bead placement, wrong weld size, convex/extra reinforcement, concave/underfill, and excess spatter
- Real welding sounds
- Record, archive and verify student work
- Interactive safety and measurement lessons
- Virtual Reality Environments related to career opportunities
- CE and CSA certified

If purchasing multiple units, users **MUST** alternate between Standard Frequency and Alternate Frequency units to avoid interference between units.

Total Price: USD 11,239.91



Terms and Conditions

Payment Terms

Prices based on net 30 days with pre-approved credit in place, no cash discounts allowed. The Lincoln Electric Company may change this method of payment in its sole discretion. UCC Filing may be required.

Standard Terms and Conditions Delivery:

Estimated shipping date is 2-4 weeks. Actual shipping timeline may vary, and is to be determined based on production schedule at the time an order is received and confirmed. The above prices are in effect for 30 days from date of quotation.

Terms/Conditions and Transfer of Title:

Unless explicitly specified in the proposal, shipping is included in the invoiced price.

Title to the shipment to the Buyer at the time the carrier accepts the shipment.

Prices do NOT include state and local taxes.

UCC Filing may be required.

For full terms and conditions please visit:

<https://www.lincolnelectric.com/en-us/company/legal/Pages/machines-consumables-terms-sale.aspx>

Lincoln Electric Company Overview

Lincoln Electric is the world leader in the design, development and manufacture of arc welding products, robotic arc welding systems, plasma and oxy-fuel cutting equipment and has a leading global position in the brazing and soldering alloys market. Headquartered in Cleveland, Ohio, Lincoln Electric has 56 manufacturing locations, including operations and joint ventures in 20 countries and a worldwide network of distributors and sales offices covering more than 160 countries. For more information about Lincoln Electric and its products and services, visit the Company's website at <http://www.lincolnelectric.com>.





05-27-2020

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Sarah Evans

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Sarah_Evans@lincolnelectric.com

VRTEX Transport

- Virtual reality welding simulator, flexible tabletop welding stand and armrest
- GMAW, SMAW, GTAW (with and without filler metal), FCAW
- TIG foot control
- Base metals include: Mild Steel, Aluminum, Stainless Steel
- Coupons: Groove 3/8 in. (9.5mm), Tee Joint, Lap Joint, Flat plate
- Stick Electrode included: E6010, E6013, E7018
- MIG Wire included: .035" ER70S-6, .045" ER70S-6, ER4043, ER308/308L
- Flux Core: E71T-1, E71T-8
- TIG Filler Metal ER4043, ER308/308L
- Welding positions: 2F, 3F, 1G, 2G, 3G
- Welding techniques: push, drag, straight stringer, weave and whip, dip
- Positions include vertical, horizontal and flat
- Discontinuities shown in the weld and scoring
- Additional features include: quench, trim, clean and cheater lenses.
- Multi-pass welds
- Instant feedback on travel speed, work angle, travel angle, contact tip to work distance/arc length and aim
- GTAW scoring additions: dip frequency, filler movement
- Weave scoring additions: weave timing, weave spacing, and weave width
- E6010 scoring additions: whip timing, dime spacing, and puddle time
- Languages: English, German, Spanish, Portuguese, Russian
- Replay mode
- Demo welds
- Tolerance Levels - User Customization
- Learning Levels
- Record, archive and verify student work
- VRTEX New Lessons in Arc Welding - SMAW & GMAW
- VRTEX Project Based Lessons - Book 1, Book 1 Instructor Guide & Book 2

Total Price

Total price with skid packaging - Part Number K4603-1 USD \$21,624.85

Total price with crate packaging - Part Number K4603-3 USD \$24,199.85



VRTEX Transport



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