

**31477**

**ADOPTED – BOARD OF TRUSTEES COMMUNITY**

**COLLEGE DISTRICT NO. 508**

**June 7, 2012**

**BOARD OF TRUSTEES OF COMMUNITY COLLEGE DISTRICT NO. 508**

**COUNTY OF COOK AND STATE OF ILLINOIS**

**PURCHASE OF LINCOLN ELECTRIC ROBOTIC WELDING CELL**

**AND FANUC WELDPRO/E-LEARN ONLINE BUNDLE**

**LINCOLN ELECTRIC COMPANY**

**RICHARD J. DALEY COLLEGE**

**THE CHANCELLOR RECOMMENDS:**

that the Board of Trustees approves the purchase of the Robotic Welding Education Cell from Lincoln Electric Company at a total cost not to exceed \$54,900.

**VENDOR:** Lincoln Electric Company  
115 East Crossroads Parkway Suite A  
Bolingbrook, Illinois 60440

**USER:** Daley College

**DESCRIPTION/SCOPE OF SERVICES:**

The Robotic Welding Education Cell is a turn-key system of equipment, software and curriculum that trains students in robotics and robotic welding. It utilizes two industry-standard products, a Lincoln Electric MIG welder and a FANUC robot. The cell is designed to be used in a classroom as well as a welding shop or laboratory. These two tools combine to give the college full capability in teaching robotic welding and substantially increase our training capacity in robotics.

**BENEFIT TO CITY COLLEGES OF CHICAGO:**

Advanced manufacturing refers to digital skills and tools that are driving the growth of U.S. manufacturing. In production, robotics has become the main solution to global competition. For example, welding robots are now the principal welding operation in U.S. auto plants. While traditional manual welding will continue, and while it needs to be taught in college programs, the jobs are increasingly for robotic welding operators and programmers. Over time, this digital skill becomes ever more important. These purchases allow Daley College to stay in step with current industry technology and to align our program with industry needs. With this equipment, Daley College graduates will gain a huge advantage in the labor market. These purchases will also add value to the college's credentials.

Thus, this purchase will:

- Make Daley College the sole source for trained robotic welding operators and programmers in Chicagoland.
- Help the College to fill a current skills gap in robotic welding and will help the College to fill a much larger future skills gap in robotics.
- Increase the technological and digital skills proficiency of our students leading them to progress higher along their career pathway. For some this will be an entry into manufacturing engineering and process engineering.

**VENDOR SELECTION CRITERIA:**

Lincoln Electric is the sole source vendor for the acquisition of the Robotic Welding Education Cell. The Welding Education Cell is a stand-alone, self-enclosed, portable training system. It is also the only education cell for robotic welding available. Pursuant to State Law, goods that are economically procurable from only a single source are exempt from the District’s competitive bidding requirements. Furthermore, this system is computer-based and the law provides that all contracts for the purchase and delivery of data processing equipment, software and services are also exempt from the District’s competitive bidding requirements.

**MBE/WBE CONTRACT COMPLIANCE:**

The Office of MBE / WBE Contract Compliance has reviewed the above request and Lincoln Electric Company, with its headquarters located in Cleveland, Ohio and an office in Chicago to serve as the local authorized installer and service provider for this system, with no opportunities to subcontract to certified MBE or WBE vendors without violation of equipment warranty, is recommending that a waiver of direct participation be granted in compliance with the Board Approved Participation Plan.

**GENERAL CONDITIONS:**

Inspector General – It shall be the duty of each party to the agreement to cooperate with the Inspector General for City Colleges of Chicago in any investigation conducted pursuant to the Inspector General’s authority under Article 2, Section 2.7.4(b) of the Board Bylaws.

Ethics – It shall be the duty of each party to the agreement to comply with the applicable provisions of the Board’s Ethics Policy adopted January 7, 1993, and as amended by the Board.

**FINANCIAL:**

**Total:** \$54,900

**Charge to:** Academic Affairs

**Sources of Funds:** Capital Fund

**Restricted Fund**

**FY12: 92015-6005031-00079-00000-580000**

**Respectfully submitted,**

**Cheryl L. Hyman  
Chancellor**

**June 7, 2012 – Office of Academic Affairs**