

CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT

April 19, 2022

Agenda Item: 5.7

Subject: Approval of Lincoln Electric Classmate M Robotic Arc Welding Training Cell Requisition, Chabot-Las Positas Community College District, Las Positas College

Background: Chabot-Las Positas Community College District, Las Positas College, recommends approval of the purchase of a Lincoln Electric Classmate M Robotic Arc Welding Training Cell, for Welding and Advanced Manufacturing Program.

The addition of this state-of-the-art technology will enhance Las Positas College’s Welding and Advanced Manufacturing programs by allowing faculty to teach robotic welding now widely used in the workplace and thus better prepare Career Technical Education (CTE) students for high-demand manufacturing careers. The Classmate M system is a turnkey system specifically designed for project-based, hands-on teaching and learning. The equipment will allow students to obtain skills and abilities not currently available at the college and is consistent with the program’s desire to expose students to “work like” environments in the classroom and the lab. Moreover, this equipment, and the accompanied curriculum development and faculty training at the Lincoln Electric Automation center in Cleveland, Ohio, support the program’s move from its current 43-year-old facility into the new Advanced Manufacturing and Transportation Complex in the summer of 2023. This equipment will make LPC’s Welding and Advanced Manufacturing program one of the few in the region to offer robotic manufacturing training which will aid recruitment, retention, and community engagement. Total cost of the Lincoln Electric Classmate M Robotic Arc Welding Training Cell including tax and shipping is \$99,526.75.

Recommended Action: That the Board of Trustees approves the Lincoln Electric Classmate M Robotic Arc Welding Training Cell Requisition Form for the total cost of \$99,526.75. It is further recommended that the Board authorize the Vice Chancellor, Business Services to execute the augmentation on behalf of Chabot-Las Positas Community College District, Las Positas College.

Funding Source: State Instructional Equipment Block Grant

Submitted: Jonah R. Nicholas/Date

Approved: Ronald P. Gerhard/Date

_____ APPROVED

_____ DISAPPROVED

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