

CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT
June 16, 2020

Agenda Item: 5.3

Subject: Approval of Memorandum of Understanding between HEN Nozzles LLC and Chabot-Las Positas Community College District, Las Positas College

Background: In the past three years wildfires worldwide have scorched millions of acres and caused tremendous loss of life and property. Despite effective fire nozzles being vital to any fire suppression effort, manufacturers have focused little to no attention on innovative design for improved fire control. Formed in 2019, HEN Nozzles is a small, California-based LLC focused on revolutionizing the nozzle industry by leveraging science and new technologies to develop next-generation fire control hardware. Where existing nozzle manufacturers base their design principles on older manufacturing capabilities, HEN Nozzles designs its products using 3D printing technology to enable it to develop nozzles that would have been economically prohibitive just a few years ago. As a next step in research and development, HEN Nozzles has received a National Science Foundation Phase I grant to test its prototypes and needs an appropriate location for this work. HEN Nozzles has thus reached out to the Chabot-Las Positas Community College District, Las Positas College Fire Service Technology program to partner with HEN on this project.

The purpose of the Memorandum of Understanding (MOU) is to establish principle guidelines and cooperative partnerships where Chabot-Las Positas Community College District, Las Positas College agrees to furnish space and access to its high-pressure recycled water system to enable HEN Nozzles to conduct controlled experiments while HEN Nozzles furnishes a rental fee of \$2,000 for five months and agrees to hire two current or former Las Positas College Fire Service Technology/Fire Academy students to serve as paid interns.

The rental agreement will commence on June 17, 2020. This agreement shall be for a term of five (5) months and shall end on November 16, 2020.

Cost Analysis: There is no cost to the Chabot Las Positas Community College District, Las Positas College. However, the Chabot Las Positas Community College District, Las Positas College will receive \$10,000.00 in revenue for rental fees.

Recommended Action: That the Board of Trustees approve the rental agreement between HEN Nozzles and Chabot-Las Positas Community College District, Las Positas College for the term commencing June 17, 2020 and ending December 31, 2020. It is further recommended that the Board authorize the Acting Vice Chancellor of Business Services to execute this agreement on behalf of the District.

Submitted: Doug Roberts/Date

Approved: Ronald P. Gerhard/Date

_____ APPROVED

_____ DISAPPROVED

_____ TABLED