

BOROUGH OF MANHATTAN COMMUNITY COLLEGE

HVAC SYSTEM UPGRADE

RESOLVED: That the Board of Trustees of The City University of New York authorize The Borough of Manhattan Community College to issue purchase orders to Honeywell Building Solutions for the HVAC System upgrade at 199 Chambers Street against Schedule 84, GSA Federal Government Contract No.GS-07F-0063H for the term of the contract which expires July 29, 2018, pursuant to law and University Regulations. Such purchase shall not exceed a total estimated cost of \$966,750 chargeable to CUNYfirst expense code 51006, budget code 80061.

EXPLANATION: The Borough of Manhattan Community College plans to install variable frequency drives (VFDs) on all of its large air handling units and pumps at 199 Chambers Street as part of its sustainability efforts. Instead of having these industrial motors run continuously 24-hours at full speed, the frequency drives will allow engineering staff to reduce, stagger or even turn off the motors. In addition to the \$606,982 annual cost savings arising from the 3,746,800 kWh electricity conserved, there is also a significant reduction in wear and tear of equipment and the need for costly, hard to find replacements.