

## **RESOLUTION FY 2013-10**

### **Authorization to Purchase Condensing Unit**

WHEREAS, the Ohio Department of Development awarded Edison Community College an Energy Efficiency Conservation Block Grant, funded by the American Recovery and Reinvestment Act, on April 4<sup>th</sup>, 2011 for the amount of \$450,600, and

WHEREAS, those funds were used to implement various energy conservation measures specified in the grant agreement and completed by July 1, 2012, including retrofitting the East Hall Chiller with a highly efficient, custom manufactured, Turbocor compressor for the amount of \$104,384, and

WHEREAS, the manufacturer of the Turbocor chiller failed to inform both Edison Community College and the Perfection Group which installed the Turbocor compressor that the existing condensing unit that is paired with compressor to comprise the chiller lacks the capacity to achieve the cooling capacity required of the East Hall chiller unless it is modified, and

WHEREAS, both Edison Community College and the Perfection Group which installed the Turbocor compressor have negotiated extensively with the manufacturer, Danfoss Turbocor, to rectify this problem, and

WHEREAS, the manufacturer has offered to sell Edison Community College a replacement condenser unit at their cost, and

WHEREAS, the existing condensing unit will need to be replaced within an estimated five years if it is modified instead of replaced now, and the cost then will be approximately 79% higher, and

WHEREAS, replacing the existing condenser at an installed cost of \$46,885 will result in annual energy savings between \$8,000 and \$11,400 at current electric rates yielding a payback period of 5.9 years or less, and

WHEREAS, purchasing a replacement condenser supplied by Danfoss Turbocor and installed by the Perfection Group at a cost of \$46,885 is extremely economical, and the College has the funds available to make that capital investment, but they were not requested in the Fiscal 2013 Budget approved by the Board of Trustees, and

WHEREAS, the condensing unit must be purchased by the end of December 2012, to receive the lower price from Danfoss Turbocor and be installed in time for the 2013 cooling season,

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of Edison Community College that the College administration is authorized to spend up to \$46,885 of capital funds in Fiscal Year 2013 to replace the condensing unit in the East Hall Chiller.