

SUMMARY

I. Description of Item

The existing rooftop air conditioning units serving the Agricenter Exposition Center were installed between 1985 and 2001. These HVAC units were designed in accordance with standards and codes in effect at the time of their installation and, as such, have reached their useful service life.

Request for Qualifications (RFQ) No. 16-005-81, Engineering Design Services for HVAC Retrofit and Replacement of HVAC units at the Agricenter, 7777 Walnut Grove Road, Memphis, Tennessee was issued and proposals received on June 3, 2016, with the most responsive proposal being submitted by the Pickering Firm.

The new HVAC systems will require modifications to the installation to be Code compliant with new plumbing and mechanical Codes. The new units will be energy efficient with night setback controls and proper ventilation rates to meet ASHRAE standards. The existing air distribution system will be modified to maintain space set points in the dome area. Existing condensate drains will be modified to drain condensate into the sewer system per Code. A new DDC energy management control system will be included in the project to monitor and schedule the HVAC system and the total amount of outside air serving the area will be increased to meet Code requirements.

The attached Resolution recommends a contract with the Pickering Firm, Inc., for engineering design services, in the amount of \$225,200.00. Pickering also commits to a 40% LOSB participation rate which is twice the goal set forth with the County's RFQ. Funds have been allocated in the FY17 CIP Budget, Project # 909-201279-7072, HVAC Retrofit & Replacement for Agricenter.

II. Source and Amount of Funding

A. Amount Expended/Budget Line Item

FY 2017 CIP PROJECT NO. 201279 – HVAC Retrofit & Replacement for Agricenter

	<u>Budget</u>	<u>Appropriation</u>
Original budget	\$2,250,000	
Appropriation		225,200
Total current budget and appropriations	\$2,250,000	\$225,200
Unappropriated budget	\$2,024,800	

B. All Costs (Direct/Indirect)

Contract Amount	<u>\$225,200.00</u>
Total Projected Expense	<u>\$225,200.00</u>

III. Communicate How the Resolution Affects

- A. Sub-awards – N/A
- B. Personnel – N/A
- C. Equipment – N/A
- D. Contracts – County/Consultant Agreement.

IV. Additional Information Relevant to Approval of this Item

Administration recommends approval of this Resolution.