



DISCUSSION

ITEM NO. 16

DATE OF MEETING: September 14, 2015

REQUESTED BY: Michael G. Mack, Utilities Director

SHORT TITLE: Discussion of Options to Replace the Boiler/Chiller System that Serves the County Complex on S. Walker Street with a New HVAC System to Improve Temperature and Humidity Control in each of the Three Buildings.

BACKGROUND: The Administration, Health Department, and Agriculture Buildings located on South Walker Street are climate controlled by a 27 year old Boiler/Chiller system. We have found the boiler/chiller system increasingly difficult and expensive to maintain due to its age and insufficient to properly eliminate humidity in the buildings thereby allowing mold and mildew to accumulate in the buildings. Staff hired Cheatham and Associates in October 2014 to conduct a study of the existing system and to provide recommendations for upgrading the existing Boiler/Chiller system or replacing it all together with a new HVAC mechanical system. Based on the results of the study and recommendation to replace the boiler/chiller system with new air handler units with split system heat pumps in each building, staff requested and received Capital Project funding in amount of \$1,200,000 for this project.

Mr. James Cheatham will present an overview of the project phases moving forward and two (2) system replacement options and cost estimates for consideration and discussion.