

InterOffice Memorandum

June 3, 2014

To: County Judge Keith Self
Commissioner Mark Reid
Commissioner Cheryl Williams
Commissioner Chris Hill
Commissioner Duncan Webb

From: Dan James/Facilities Director

This memo is to respectfully request a discretionary exemption to the bid process per VTCA LGC Section 262.024(a)(3) “an item necessary because of unforeseen damage to public property; or Section 262.024(4) “a personal or professional service.” Therefore, I am requesting requisition #196701 to Brandt Engineering be declared an emergency which is related to determining the location of the water leak and repairs of the chilled waterline supplying the Courthouse.

This repair was initiated because of a continual escalation of chilled water loss and chemicals from the Central Plant. Facilities also noticed a loss of chill water appearing west of vault 5 which supplies the Courthouse. The source of the leak was originally believed to be where the chill water pipe connects to vault 5 to the south because of a void found around the pipe which wasn't the source. Water continued to move from the building to the north towards vault 5. Facilities had the water tested numerous times, and each time the numbers resulted in a higher concentration of chemicals, therefore, confirming our suspicions that we were in fact losing chilled water and the water was not ground water.

Data from the Central Plant supports the loss of 100 to 135 gallons of chemically treated water per hour on the closed loop system. In fact, when the area of pipe between vault 5 and the courthouse is closed off, the loss of water stops. This leak is causing a potential integrity issue of the chilled water pipe installation and structure due to the void surrounding the pipe. The loss of water and chemicals has impacted our operating budget and poses potential environmental issues. We added dye to the system in order to make a distinct precise diagnosis. Facilities Maintenance has several pictures that prove up the fact that we are losing chilled water.

The initial requisition was to determine and locate the chilled water leak. This has been accomplished at a much greater cost than expected due to voids caused by the leaks and depth of pipe embedded in rock. The cost of locating the leak is estimated to be \$93,000 at this point with the data currently in hand.

Thanks for your help in this matter.

C:memojudgeselfbrandt