

I met with Terry from Buildings & Grounds and Ron Mincks from RCAS to discuss options for increasing the cooling in the CSAC server room. The existing cooling system is running at 100% nearly all the time and we need to either replace it or add additional cooling. The replacement cost is approx. \$75,000. Adding to the system is much less expensive and provides the benefit of a built-in backup cooling system.

Collectively, our recommendation is to add 2 Mitsubishi 42,000 BTU ceiling-mount units to supplement the existing system. These units would also serve as a backup if the existing system should fail. We all agree that this should be done as soon as possible. If the current system should fail the resulting heat would likely cause servers to begin shutting down in less than 30 minutes and could begin causing permanent damage to IT hardware within 60 minutes if no immediate action is taken (i.e. – if it happens in the middle of the night or on a weekend).

The cost for the 2 new units would be \$22,965 plus some necessary electrical work. The total estimated cost is \$25,000. Ron Mincks has agreed to pay for 40% of the project. That leaves a balance of \$15,000 that would need to be paid by the City. Once we have identified funding for the project it could be completed within 30 days. Please let me know your thoughts on this plan and what options we have for funding.

Thanks,

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