

2022 Budget Information Paper

Name of Department *

Parks & Recreation

Budget *

- Capital (included in capital Forecast, over \$5,000) Maintenance (On existing items) New (new item not replacing an existing item) Operating (not part of Capital Forecast) Replacement (replacing an existing item in it's entirety) Refurbish (repair to extend the life of the item)

Please enter a date *

Sept 16/21

Item *

Parks Rec BAS

Account # *

10-16-1600-5530

Account Name *

Capital Building

Category *

Capital- Building

Subject: *

BAS Upgrade

Author: *

Gary Gerald

Recommendation: *

Upgrade NAE supervisor to SNE supervisor for Metasys Release 10 on the NKCC Building Automation System (BAS).

Background: *

The current Building Automation System (BAS) at the NKCC is the original system, Metasys Release 6, from 2010. This includes the controllers, hardware and software. The BAS system provides us the ability to control all facets of the facility, set schedules, conserve energy and monitor the refrigeration system. Having the ability to create schedules with various set-points, is energy efficient and saves money.

Analysis: *

Release 6 is over 10 years old and is no longer supported for software upgrades or repairs. In addition, the current BAS system can no longer send alarm notification emails, due to upgraded internet security protocols. This was an excellent feature that can save money through quick response. As an example, a refrigeration failure could cost money and a disruption of service. However, with an immediate email notification, we can respond promptly. In addition, the new system is supported by Mobile Devices (smart phones), providing me the ability to respond to issues remotely using my smart phone if a computer is not available.

Financial Implications:

Dollar Amount *

\$18,000

How does it affect your budget *

Increase in Expenses Over Previous Year Budget for this item

How will it be funded? *

OMPF

Details if Other: