



BOYNTON BEACH POLICE DEPARTMENT

INTER-OFFICE MEMORANDUM

TO: Jeffrey Katz
Chief of Police

FROM: Doug Solomon
Technical Services Manager

REF: SAN Expansion Purchase

DATE: 06/27/2016

	<i>D.S.</i> 6/27/16		<i>[Signature]</i>
--	------------------------	--	--------------------

I respectfully request your approval of the purchase of an IBM Storwize V3700 Storage Area Network (SAN) from CDWG in the amount of \$32,648.03 utilizing the National IPA Technologies Solutions Contract (130733). CDWG was the lowest of 3 vendors who bid on this specific configuration. This SAN will be used to store, maintain, and protect the increasing amount of data generated by the Police Department. This is a budgeted item from the 2015-2016 fiscal year, account number 001-2110-521.64-15.

As more and more of the data being generated by the Police Department is in the form of digital files, the existing storage infrastructure is reaching capacity. Surveillance videos, smart-phone captures and downloads, crime scene photos/video, Traffic Homicide Investigations, Accident Reports, and audio statements are just examples of electronic data that needs to be maintained for investigation, State Attorney review, and Public Records Requests. Between State of Florida retention requirements and the evidentiary nature of the data, it is impossible to determine how long this data needs to be retained. Currently our storage system is at 78% capacity and growing daily.

This equipment will give the Police Department enough capacity for current and future needs, In addition to increasing capacity, additional benefits include:

1. The ability to virtualize remaining older physical servers (for example our Computer Aided Dispatch and Records Management System), something that cannot currently be accomplished due to limited space in the existing system.
2. The ability to relocate the current PD virtual environment to Fire Station 5, a Category 5 Hurricane rated building. By utilizing this particular system we will be able to accomplish this with virtually no disruption to the users. Without this system, Police Department network will need to be taken offline for a minimum of 12 hours while equipment is relocated and configured.
3. This will add redundancy to our storage infrastructure, allowing continued access to data in the event of hardware failure.
4. Because we are not filling all available slots in this SAN enclosure, we are able to add additional capacity to this system simply by purchasing additional drives.

Thank you for your consideration and should you need further information, please do not hesitate to contact me.