

**INDIAN RIVER COUNTY, FLORIDA
MEMORANDUM**

TO: Jason E. Brown, County Administrator

THROUGH: Kristin Daniels, Budget Director

FROM: Basil Dancy, Computer Services Manager

SUBJECT: Network Upgrade Proposal

DATE: January 9, 2018

DESCRIPTION AND CONDITIONS

In a recent cyber security audit it was determined that our existing network equipment did not have all of the higher end functions to support a fully secure network infrastructure. It was recommended that we have a network assessment completed to find an acceptable level of hardware/software technology that would give us the tools and functions to meet the varied and increasing need to secure our infrastructure.

We have finished the network assessment portion of the process and have reached out to a State Contract provider (PC Solutions & Integration, Inc.) for the recommended level of equipment/software standards as well as the installation support necessary to complete this portion of the process in an efficient and timely manner.

The vendor proposed two options for the selected solution, and the submitted quotes are on file in the Computer Services Division. The first covers the equipment and install with a first year support agreement at a cost of \$661,842.63, with \$17,024.87 in non-contract items that were not included in the original contract award in September of 2014. This cost reflects new technology that didn't exist at the time of the original state contract. The annual renewal for the support agreement came in at a cost of \$27,146.34. The second option includes the same equipment/installations options but also offers a 24/7 monitoring contract where the manufacturer monitors the equipment for potential issues/failures and comes at a cost of \$740,433.63. The monitoring contract renewal is at an annual cost of \$110,146.22.

The Computer Services Division is recommending that we go with the less expensive option and we will continue to monitor the equipment internally.

This upgrade will elevate the network infrastructure and related systems to a true enterprise level architecture which will enhance our security foundation and lay the groundwork for upgrades/enhancements at a much lower cost in the future. The Extreme Networks equipment is interoperable with our existing level of technology allowing for a smoother transition to the new standards.

FUNDING

The cost of the recommended solution is \$661,842.63. Funding in the amount of \$661,843 for the equipment will be provided via Budget Amendment allocating a percentage of the expense to each department based on the number of computers used. The support agreement renewal will be budgeted in the Computer Services/Other Professional Services account going forward.

RECOMMENDATION

Staff recommends that the Board of County Commissioners approve the purchase of the referenced equipment from PC Solutions & Integration under the State Contract, waive the requirement for bids for the \$17,024.87 in non-contract additions, and authorize the Budget Division to complete the budget amendment to allocate necessary funds.

APPROVED AGENDA ITEM

FOR January 22, 2018