

**INDIAN RIVER COUNTY, FLORIDA  
MEMORANDUM**

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**TO:** Jason E. Brown, County Administrator

**FROM:** Richard B. Szpyrka, P.E., Public Works Director  
Vincent M. Burke, P.E. Utilities Director

**SUBJECT:** Designation of CDA Solutions, Inc. as Sole Source Provider for the Digital Watchdog CCTV Security Camera Systems for Indian River County

**DATE:** January 24, 2018

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**DESCRIPTION AND CONDITIONS**

Indian River County currently operates several secure CCTV (security camera) systems at multiple IRC building and site locations. Digital Watchdog CCTV security camera systems are currently being used at County Administration Buildings A & B, Fleet Management, and at the three main communication tower sites (North, Hobart, and South). IRC has established independent and secure fiber optic network connections to each of these active IRC CCTV system locations, and each of these remote locations is set to failover to a centralized Digital Watchdog – County network storage server in the event of a local Network Video Recorder (NVR) failure. The central server is currently located in a centrally located, secure location. CDA Solutions Inc. supports all the active Digital Watchdog CCTV systems currently installed.

The central server, to support the addition of the proposed locations and to allow for redundant storage (locally on the NVR and on the central server), will need to be upgraded to allow for the additional storage space required. We have a quote for the necessary upgrade that will allow for the storage and future expansion as needed.

CDA Solutions Inc. was selected to provide the current CCTV systems, including the video records storage main server, by way of several competitive quote requests, for multiple IRC locations, over time. Throughout this process, CDA Solutions Inc. has consistently provided the most cost effective proposals to the County, and has provided reliable products and professional support, for IRC CCTV system installations. CDA is the only known vendor reasonably capable of supplying these services due to their extensive knowledge of County Security Systems.

As part of its FY 2017/2018 approved budget, the Utilities Department is looking to upgrade the Network Video Recorder (NVR) camera systems at the Utility Operations Center, and the Fellsmere Customer Convenience Center (CCC) with Digital Watchdog systems. They may also be looking to standardized components and systems at the South RO Water Treatment Plant, North RO Water Treatment Plant, and Sebastian Utilities Office at some future time. To ensure continuity with our CCTV security systems, recorded video information from these proposed sites will be stored locally with the option to back up this data on the centrally located server. The Digital Watchdog – County network storage server will allow for remote and local cameras access from a standard platform to allow interoperability between County Departments.

IRC Courthouse - Main CCTV security camera system currently operates on a Milestone software application. As a result of multiple additions, changes, and several IRC Courthouse site construction projects, the current Main CCTV system hardware and software at IRC Courthouse has been extended to its operational limits, within the capacity of the current software and CCTV system site licensing

requirements. Currently, the Main CCTV system at IRC Courthouse is managed by IRC Sheriff's Department (IT Department). After the initial one-year installation warranty expired on this system, IRC Sheriff's Department chose not to purchase a maintenance support contract, and site license renewal on this CCTV system. The required rate for this site license / annual service contract is currently quoted in the vicinity of \$15,000.00 per year. There is no site license or annual service contract fee associated with the Digital Watchdog system.

IRC Courthouse is currently planning several new site construction / expansion projects; some already underway, which will require the addition of multiple new CCTV security cameras at the Courthouse site. The existing Main CCTV system / software is already extended to its reliability and cost effectiveness limits. The two new IRC Courthouse construction projects, Courtroom Renovations and the Secure Judges Parking Area will require the addition of 20+ new CCTV security cameras, to the existing Main CCTV system.

IRC staff proposes to replace the existing Milestone CCTV system software with the Digital Watchdog software application installed by CDA Solutions Inc. The County currently operates a Digital Watchdog CCTV system at the Courthouse that is an independent CCTV security camera system to securely cover all Courtrooms and Hearing rooms. It should be noted that this particular Digital Watchdog CCTV system is separate from the IRC Courthouse Main CCTV system as required by law.

Digital Watchdog CCTV systems also have the capability to back-up CCTV system video records to the Main CCTV server, currently located at County Administration building. Digital Watchdog applications CCTV system video records are currently set to fail over to the IRC Admin CCTV server. These CCTV systems were all installed and are supported by CDA Solutions Inc.

The IRC Courthouse Main CCTV system needs to be replaced with a Digital Watchdog system in order to be compatible with the existing Digital Watchdog system in use to cover the Courtrooms and Hearing Rooms. It is the recommendation of staff that we move forward with the proposed Digital Watchdog (DW Spectrum) software conversion described above, provided and installed by CDA Solutions Inc. who currently supports and maintains most of the CCTV security systems at the County.

## **FUNDING**

Funding for services by CDA Solutions, Inc. for the Courthouse Digital Watchdog CCTV is budgeted and available in the current fiscal year in Optional Sales Tax/ Courthouse Security Access System Account No. 31522019-066510-17007 and in FY 17/18 Public Work Facilities, Other Equipment, Account No. 00122019-034690.

Funding is budgeted and available in the FY 17/18 SWDD budget for CCTV Security Systems at the Fellsmere Convenience Center Account No. 411-166002 and in the FY 17/18 Utilities budget for the Utilities Operations Center, Account No. 471-166002.

## **RECOMMENDATION**

Staff recommends the Board of County Commissioners declare CDA Solutions, Inc. as the County's sole source provider for Digital Watchdog CCTV security camera systems for Indian River County facilities. Staff recommends that the Board authorize Purchasing to issue a Purchase Order for \$8,394.39 for the installation of Digital Watchdog CCTV security camera system software at the IRC Courthouse, issue a Purchase Order for \$9,953.60 for an expandable NAS Server to backup the CCTV security camera system County wide, issue a Purchase Order for \$25,632.33 for installation of a Digital Watchdog CCTV

security camera system at the Utility Operations Center, and issue a Purchase Order for \$8,694 for installation of a Digital Watchdog CCTV security camera system at the Fellsmere Customer Convenience Center.

**DISTRIBUTION**

Michael Smykowski, Budget Director  
Jennifer Hyde, Purchasing Manager

**ATTACHMENTS**

CDA Quote for IRC Courthouse  
CDA Quote for County Wide Backup Server  
CDA Quote for Utilities Operations Center  
CDA Quote for Fellsmere Convenience Center

**APPROVED AGENDA ITEM FOR FEBRUARY 13, 2018**