



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Corrections
DIVISION OF ADMINISTRATIVE SERVICES
Anchorage Procurement Section

550 W. 7th Avenue, Suite 1800
Anchorage, AK 99501-3569
Tele: 907.269.7344
Fax: 907.269.7345
Email: gary.bailey@alaska.gov

July 16, 2020

ATTN: Vendors

RE: Project Name: CCTV Camera System Upgrade
Project Location: Goose Creek Correctional Center
Project Number: 190005726

ADDENDUM # 4

The Department of Corrections is issuing this Addendum to this Invitation for Bids for the above referenced project.

The following changes, information and Q&As are provided:

- Bid Due date is extended to 7/27/2020.
- Increase recording days from 90 to 120 days.
- Contractor to provide 12 spare server hard drives.
- Servers to have at least 3 spare hard drive slots for future expansion.
- If encoder user id and password cannot be found the contractor will have to reset device back to factory default settings and re-load IP address to each encoder.

Q- Can as-builts of the security system showing layout and risers for the network and analog cameras, as well as the door control system be provided?

A- These files will be sent via ZendTo file transfer program

Q- Can more details be provided regarding the types of workstations that need to be installed?

A- See computer component breakdown below.

Q- How many workstations in each building/area?

A- This information will be provided later

Q- What is the breakdown of rack vs tower workstations in each building?

A- This information will be provided later

Q- Can the make and model of the existing video or CAT6 devices be provided to ensure compatibility with the workstations? If the workstation is rack mounted, we assume a video over CAT6 module is required, and is existing and compatible.

A- Some info on ECS drawings, additional may need to come from facility.

Q- Can spare fiber between the OA building and all remote rack locations be confirmed? At least one pair is required. It is assumed all existing fiber is home run from the remote building/rack to the OA building?

A- It is confirmed there are plenty of spare fiber.

With regards to the video storage discussion that was had while onsite, Siemens and ALCAN came to the same conclusion that 30% motion is likely not a sufficient means of estimating storage based on the type of operations at GCCC. Please provide more details on storage requirements per area of the facility as requested at the site visit.

Q- It's assumed that occupied areas of the building will record continuously during normal operating hours. Is it desired these areas record continuously?

A- Yes

Q- At what frame rate?

A- 15 FPS

Q- Record continuously at 1FPS with bump to 15 on motion?

A- Yes

Q- It is assumed occupied areas will record on motion only after hours. Please confirm.

A- All cameras must be record 24/7 but can reduce to 1 FPS user provided time frames

Q- Please confirm the minimum speed required for the network backbone between the remote building and OA. It is suggested that 10G SFP be provided for eventual IP upgrades.

A- 10G

Q- With regards to the storage server, is it desired to have a multi-stage storage configuration (Live Drives and Archive Drives)? The current specified storage only requires a single stage of storage (Archive only). Other relatively large DOC sites have been configured with Live and Archive Drives. It is recommended due to the re-build time of the RAID configuration that a live drive array is furnished in the NVRs. Should a RAID rebuild be required, no recording would be available in the specific server until the RAID is properly operating. This effect would certainly be reduced with the failover server required as part of the specification, but multiple recording server failures would then result in no internal storage redundancy in a second failed server.

A- Live and Archive Drives is a good approach.

Q- Milestone offers a Software Upgrade Plan (SUP). What time frame would you like on the SUP?

A- 3 years.

On drawing sheet GC0.1,

Q- Section 2.3 states: Provide GPS time server for all equipment to synchronize. Is it possible to substitute a dedicated network time server using the existing internet connection?

A- This would be acceptable to us; however, the access would need to be coordinated with the State of Alaska Network/IT department to allow a non-SOA system access to the internet connection. This has proven to be tricky in the past, hence the GPS recommendation.

On drawing sheet GC0.1,

Q - Section 2.4 states: Minimum archiver size shall be 64TB RAW storage in each server. Higher capacity shall be provided as need to meet recording capacity requirements.

A - RAW storage is before RAID configuration

Q - Section 2.6 states: Provide RAID 6 configuration or as recommended by the manufacturer. Calculated storage capacity shall be net amount after RAID.

A - NET amount is after RAID configuration

Q- What is the total storage requirements after the RAID configuration?

A- Total storage requirements are per 2.5, which is the calculated storage for 90 days of archives based on current equipment. RAID 6 is noted as a baseline, with confirmation expected based on the proposed storage solution.

On drawing sheet GC0.1, Section 2.10 states: Provide full backup of all servers after installation.

Q- What format would you like for your backup?

A- See below

Q- What would you consider a full back-up?

A- Intent is for DOC to be able to re-install operating system and Milestone onto one of the archivers from a backup if needed.

Q- Would you consider the Milestone configuration files as a full back-up?

A- See above. In addition to configuration files, the ability to reload the operating system is requested

Work Station Configurations

Detailed below is your device's (Service Tag: B0QPFX2) original configuration and the system specifications it shipped with. COMPUTER TOWER

- 817-BBBC : Not selected in this configuration
- 817-BBBB : Custom Configuration
- 780-BBCJ : No RAID
- 658-BDYP : Dell Applications for Windows 10
- 658-BCUV : Dell Developed Recovery Environment
- 658-BBTV : CMS Essentials DVD no Media
- 658-BBRB : Waves Maxx Audio

- 650-AAAM : No Anti-Virus Software
- 640-BBRC : Dell Precision Optimizer
- 631-ABTO : No Out-of-Band Systems Management
- 630-AAPK : No Productivity Software
- 620-AALW : OS-Windows Media Not Included
- 619-AHKN : Win 10 Pro 64 English, French, Spanish
- 580-ADJC : Black Dell KB216 Wired Multi-Media Keyboard English
- 575-BBBI : No Stand Option
- 555-BEGY : Intel I210 1Gb Ethernet Adapter (1X1GbE)
- 555-BBNI : No Driver
- 555-BBFO : No Wireless LAN Card
- 525-BBCL : Support Assist
- 520-AABF : External Speaker Not Included
- 492-BCLP : No Additional Port
- 492-BBFF : No PCIe add-in card
- 490-BEKP : NVIDIA Quadro P1000, 4GB, 4 mD P to DP adapter
- 461-AABV : No Accessories
- 450-AHED : US Power Cord
- 449-BBMJ : C2 2.5 HD + 2.5 1-3 HD
- 429-ABDW : 8x DVD+/-RW 9.5mm Optical Disk Drive
- 412-AAOT : Dell Precision Tower 3630 Heat sink (95W)
- 411-XXYB : Boot drive or storage volume is greater than 2TB (select when 3TB/4TB HDD is ordered)
- 401-AAQL : 2.5 inch 1TB 7200rpm SATA Hard Disk Drive
- 401-AADF : No Additional Hard Drive
- 400-AXXW : 2.5" 256GB Class 20 SATA Solid State Drive
- 389-CUOR : Precision 3630, 460W Reg Label DAO
- 389-BCGW : No UPC Label
- 387-BBCG : Not ENERGY STAR Qualified
- 370-AEFV : 16GB 2X8GB DDR4 2666MHz UDIMM Non-ECC Memory
- 340-CKSZ : No Autopilot
- 340-CFEJ : Quick Start Guide
- 340-CBVE : Shipping Material for MT DAO
- 340-CBUU : SHIP,PWS,LNK,NO,NO,AMF
- 340-AGIK : SERI Guide (ENG/FR/Multi)
- 340-ADBJ : Thank You for Choosing Dell
- 340-ACBY : Dell Precision TPM
- 340-AAUC : Dell Digital Delivery Cirrus Client
- 338-BOVQ : Intel Core i7-8700K,(6 Core, 1 2MB Cache,(3.7GHz, 4.7Ghz Turbo w/ HD Graphics 630)
- 338-BOMC : Coffee Lake I7 CPU label
- 325-BDBE : ODD config, 3630
- 321-BDPL : Precision 3630 Tower with 460W up to 90% efficient PSU (80PI us Gold) with SD card reader
- 275-BBBW : Black Dell MS116 Wired Mouse
- 210-AOZN : Precision 3630 Tower CTO BASE

Detailed below is your device's (Service Tag: 8432PY2) original configuration and the system specifications it shipped with. RACK MOUNTED

- 817-BBBC : Not selected in this configuration
- 817-BBBB : Custom Configuration
- 780-BBCJ : No RAID
- 770-BCVT : Ready Rails Static Rails Without Cable Management Arm
- 658-BCUV : Dell Developed Recovery Environment
- 658-BBMR : Dell Client System Update (Updates latest Dell Recommended BIOS, Drivers, Firmware and Applications)
- 650-AAJS : No Security Software
- 640-BBRC : Dell Precision Optimizer
- 640-BBLW : Dell(TM) Digital Delivery Cirrus Client
- 631-ABVQ : Intel vPro Technology Enabled
- 630-AAPK : No Productivity Software
- 620-AALW : OS-Windows Media Not Included
- 619-AHKN : Win 10 Pro 64 English, French, Spanish
- 580-ADJC : Black Dell KB216 Wired Multi-Media Keyboard English
- 575-BBWJ : 2.5" Drive Carrier
- 575-BBWI : 2.5" Cage Assembly (2x2.5" drives)
- 555-BEGY : Intel I210 1Gb Ethernet Adapter (1X1GbE)
- 528-BCGM : Dell Precision Optimizer Premium
- 525-BBCL : Support Assist
- 492-BBFF : No PCIe add-in card
- 490-BEOZ : NVIDIA Quadro P2000, 5GB, 4 DP
- 461-AABV : No Accessories
- 450-AHUG : No Additional Power Supply
- 450-AH DU : US Power Cord
- 449-BBLH : C1 SATA HDD/SSD Drives
- 429-ABGY : No External ODD
- 412-AAPS : Heatsink for CPU between 65W & 95W Processors
- 411-XXYB : Boot drive or storage volume is greater than 2TB (select when 3TB/4TB HDD is ordered)
- 400-BBIP : 2.5" 1TB 7200rpm Hard Disk Drive
- 400-AZZH : 2.5" Drive Blank Filler
- 400-AZYY : 2.5" 256GB SATA Class 20 Solid State Drive
- 389-DOLZ : MAC Address Label
- 389-DOLG : 3930 Rack Luggage Tag
- 389-DOLB : 3930 Rack Regulatory Label (DAO)
- 389-CGNO : Intel Core i7 vPRO Label
- 389-BCGW : No UPC Label
- 387-BBNI : ENERGY STAR Qualified
- 379-BDEI : Standard Temperature Range (10 -35 degree C)
- 370-AEFV : 16GB 2X8GB DDR4 2666MHz UDIMM Non-ECC Memory
- 350-BBBW : No Bezel
- 340-CKSZ : No Auto Pilot
- 340-CHGV : Quick Reference Guide, 3930 Rack
- 340-AGIK : SERI Guide (ENG/FR/Multi)
- 340-AEYP : SHIP,PWS,LNK,NO,NO,AMF
- 340-ADBJ : Thank You for Choosing Dell

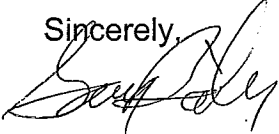
- 340-ACBY : Dell Precision TPM
- 338-BPRH : Intel Core i7-8700K,(6 Core, 1 2MB Cache, 3.7GHz, 4.7Ghz Turbo w/ HD Graphics 630)
- 330-BBMD : Riser 1A: PCIe Riser (1x x16 or 2x x8)
- 328-BCWP : Ship Material 3930 Rack
- 321-BDTN : Precision 3930 Rack Chassis
- 275-BBBW : Black Dell MS116 Wired Mouse
- 210-APXG : Precision 3930 Rack XCTO Base

END OF AMENDMENT # 4

This addendum is considered part of the Invitation for Bids (ITB) for this project and is to be acknowledged on your submittal form.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary Bailey", written over the word "Sincerely,".

Gary Bailey
Procurement Specialist II