



## Customer System Agreement

Proposal #: 8632

Date: May 3, 2013

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*Prepared for*

Mark Samuels  
City of Farmers Branch Rec Center  
14050 Heartside Place  
Farmers Branch, TX 75234

Phone: (972) 919-2566

*Prepared by*

Collin Keeton  
Knight Security Systems, LLC  
10105 Technology Blvd. West, Ste. 100  
Dallas, TX. 77380  
Phone: 214-350-1632  
Fax: 214-350-8666

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### **Scope of Work**

#### **Scope of Work - Farmers Branch Recreation Center**

##### **Configuration**

- Knight Security will install new Hybrid IP (internet protocol) cameras on existing system cabling, covert and power to Milestone VMS-Video Management Software on Farmers Branch provided Video Server.
- Knight Security will upgrade the existing ten door access control system to S2 Security System Access Control using all existing cabling and Knight provided new - door power supply.
- Knight Security will license all new access control and VMS systems server, cameras and verify setup and recording of the system prior to commissioning and handover to the customer.

Head end equipment to be installed in Main Security Equipment Room

Equipment/software installed provided Knight Security:

- (1) Milestone XProtect Enterprise VMS Server Software currently held by Farmers Branch.
- (30) Milestone XProtect Professional Camera Licenses.
- S2 10 door Netbox, wall mount with new door power supply
- Remove all old access control system panels and cans
- Move existing camera cabling to Altronix EBridge16CR coax to ethernet adapter
- Add patch cables from EBridge to customer provided network switch
- (1) 25' gigabit patch cable from customer switch in Security rack to customer switch in Server rack
- Small Equipment Rack provided
- Label all cables and devices

##### **Equipment provided by customer**

- Network Video Recorder server
- KVM monitor, mouse and keyboard.
- 48 port Network Switch in Knight Provided Security Rack
- 48 port POE switch (minimum 4 POE ports) in Farmers Branch Recreation Center server rack

Customer IT to provide IP scheme, network switches, switch port numbers and configure VLAN for card access system or add a dedicated client workstation to access the browser based architecture.

##### **IP Surveillance**

- (21) Sony SNC-ZM550 HD720P 1.3MP Hybrid minidome to replace existing cameras
- (6) Sony SNC-ZM551 HD720P 1.3MP Hybrid outdoor minidome IP existing customer PTZ cameras
- (2) Sony SNC-ZM601B HD720 1.3 MP indoor IP camera in Gym, network drops to customer server rack

##### **S2 Card Access**

- (1) 10 door S2 Netbox, connection to customer network



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- (10) door moved from old Card access system to S2 Netbox
  - New 16 port door lock power supply with ACM relay inputs

**Programming**

- Installation and programming of existing NVR license, camera license and system program
- Access Control Door programming

**Commissioning:**

- Test operation of surveillance system.
- Provide up to 2 hours customer system training.

**System Design and Project Management:**

- Create review set drawings, submitted for comments.
- Incorporate review comments into final system design.
- Submit final system design drawings, equipment schedule, and manufacturer's literature.
- Knight Security project manager will create a master project schedule, manage changes, and provide associated services during the project.
- Submit record documents including as-built drawings and final configuration schedules

**Assumptions:**

1. Work to be completed during standard business hours.
2. Customer to provide free and clear access to site.
3. Permits are not included in proposal but can be completed on a time and material basis.
4. Interface of card access system to fire system is included, however HHSC's fire alarm contractor's professional services are not.
5. Fit or alignment of doors for card access and/or monitor doors to be completed by customer including hinges, door closers, crash bars, integrate REX bars and other door hardware.
6. Repair work from removed devices to be provided by customer.
7. Customer IT to provide IP scheme, network switches, switch port numbers and configure vlan for card access system or add a dedicated client workstation to access the browser based architecture.
8. Customer to provide cad or hard copy of floor plans.
9. Customer will be responsible for keying lock sets to the buildings master key system as required.
10. Customer IT to provide IP scheme, network switches, switch port numbers and configure vlan for card access system or add a dedicated client workstation to access the browser based architecture.
11. Customer must supply/install all necessary switches and cable to extend LAN as need and not supplied by Knight. Knight Security is not responsible for technical assistance or the setup of the customer's network for connection to the access control system. The customer is required to provide static IP addresses and support personnel for assistance in setting up the network connections.



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12. Knight Security material and workmanship will meet or exceed all current City, State, and Federal Codes, including but not limited to ADA, NEC, NBC, NFPA, Life Safety, etc.
13. Knight Security will warrant Knight installed material and labor for a period of one (1) year from completion.
14. System training provided at time of installation. Additional training can be provided at an additional charge.

### Equipment

Item Description	Item Nbr	Qty	Price/Unit	Ext. Price
Hybrid Mini Dome Camera - HD720P	DIR SNC-ZM550	21.00	\$642.68	\$13,496.28
Milestone Systems XProtect Enterprise NVR license	DIR S2-NVR-MSCAME	32.00	\$208.48	\$6,671.36
Hybrid Vandal Mini Dome - HD 720P	DIR SNC-ZM551	6.00	\$664.20	\$3,985.20
Gooseneck wall mount bracket white finish, use wit	DIR UNI-WMB1	6.00	\$79.95	\$479.70
Hybrid Fixed Camera	DIR SNC-ZB550	3.00	\$642.68	\$1,928.04
OUTDOOR HOUSING FOR BOX STYLE CAMERAS (DIR)	DIR SNC-UNI-HB1	3.00	\$183.88	\$551.65
S2 Network Node with 10 readers (20 inputs/20 outp	DIR S2-NN-E10R-WM	1.00	\$3,595.00	\$3,595.00
ICLASS RP40 READER COMBINATION TECHNOLOGY BLACK HID&AWID	6125CKN000	10.00	\$167.76	\$1,677.60
HD 1280 x 1024 31.6 to 93 degree field of view, Vandal, 30 FPS H.264	DIR SNC-VM630B	2.00	\$831.48	\$1,662.96
12VDC@8A/24VDC@6A 16 FUSED OUT (DIR)	DIR MAXIMAL11	1.00	\$492.56	\$492.56
Cat5e Patch Panel 568B - 12 Port (DIR)	DIR N052-012	1.00	\$55.59	\$55.59
Cat5e Keystone Jack Blue, 1in	UTP-3600B	5.00	\$3.75	\$18.75
Cat5e 350MHz Yellow Molded Patch Cable RJ45M/M - 3	DIR N002-003-YW	35.00	\$2.77	\$97.06
Cat5e 350MHz Gray Snagless Molded Patch Cable RJ45	DIR N001-007-YW	4.00	\$4.86	\$19.43
24-4PR SOLID CAT5E PLENUM	8130PL-5E	1.00	\$59.85	\$59.85
CONDUIT, CONNECTORS, BOXES, STRAPS	MISC-CONDUIT	1.00	\$175.00	\$175.00
ALT-EBRIDGE16CR CAT5 TO COAX ETHERNET ADAPTER	ALT-EBRIDGE16CR	2.00	\$2,068.63	\$4,137.26
wall rack 18U 19in rack	GP-WR-18U	1.00	\$383.50	\$383.50
Cat6 Gigabit Gray Snagless Patch Cable RJ45 - 25'	DIR N201-025-OR	1.00	\$19.45	\$19.45

Equipment Total

**\$39,506.25**

### Services

Service Description	Ext. Price
DIR - Project Manager	\$540.00
DIR - System Design	\$2,349.00
Programs and configures systems, networks, servers, and workstations	\$2,700.00
DIR - Labor to Install Security Equipment	\$6,840.00
DIR Cable Installation	\$684.00
DIR - Lift Rental	\$500.00



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DIR - Labor to Install Security Equipment

\$1,368.00

*Services Total*

**\$14,981.00**

Other Charges

Travel:

Freight: \$0.00

Misc: \$0.00

Approved by: \_\_\_\_\_

Approval date: \_\_\_\_\_

Subtotal: \$54,487.25

Discount: \$0.00

Sales Tax: \$0.00

*Please review Scope of Work closely. All verbal representations disclaimed.  
System quote valid for 60 Days. Terms of Master System Agreement apply.*

**Total: \$54,487.25**