PROPOSED EQUIPMENT

DESCRIPTION	MODEL	QUANTITIY IN BUILDING	CAM	SITE PLAN	BASE FLOOR SOUTH	BASE FLOOR NORTH	FIRST FLOOR SOUTH	FIRST FLOOR NORTH	SECOND FLOOR SOUTH	SECOND FLOOR NORTH	THIRD FLOOR SOUTH	THIRD FLOOR NORTH
INTERIOR FIXED CEILING MOUNTED DOMECAMERA	SONY SNC-XM631	343	1 DOME INT	11	45	21	50	52	44	30	55	35
INTERIOR FIXED DOMED CAMERA WITH VARIFOCAL LENSE. SEE SUBSCRIPT FOR MOUNTING REQUIRMENTS.	SONY SNC-EM631	0	2 VARIFOCAL INT	0	0	0	0	0	0	0	0	0
FIXED DOME CAMERA WITH 180 DEGREE PANORAMIC VIEWING ANGLE	SONY SNC-HIM662	0	3 PANORAMIC INT	0	0	0	0	0	0	0	0	0
EXTERIOR FIXED CEILING MOUNTED DOME CAMERA	SONY SNC-EM632RC	24	4 DOME EXT	15	3	2	2	2	0	0	0	0
EXTERIOR FIXED POLE OR WALL MOUNTED CAMERA	SONY SNC-EB632R	31	5 EXT FIX MOUNT	28	1	0	2	0	0	0	0	0
WIRELESS RADIO	FM1200 VOLO	3	7 EXT RADIO	8	0	0	0	0	0	0	0	0
EXTERIOR WALL MOUNTED PAN TILT ZOOM CAMERA	SONY UNIONEP580C7	0	8 EXT PAN TILT ZOOM	0	0	0	0	0	0	0	0	0
ACCESS CONTROL READER	UTRUST DS47L-SSP-TS	54	9 READER	0	13	7	5	6	5	6	6	6
SWITCHES	J9821A (qty 1), JL255A(qty 45)	46	SWITCHES	0	0	0	0	0	0	0	0	0
TRANSCEIVERS	J4858C (QTY 96), J4859C (QTY 20), J4860 (QTY 20)	136										
MICROSEMI INJECTOR	PD-9024G PoE	14										
HP 5400R PoE+ ZL2 POWER SUPPLY	J9829A	2										
HP 5400R 24-PORT SFP MODULE	J9988A	6										
ARUBA 5406R ZL2 CORE SWITCHES	J9821A (qty 1), JL255A (qty 45)	1										
2 METER LC-ST MULTI-MODE FIBER PATCH CABLE		90										
2 METER LC-ST SINGLE-MODE FIBER PATCH CABLE		20										
TOTAL PROPOSED CAMERA COUNT: READER COUNT NOT INCLUDED		398	CABLE/CONDUIT FT 50,811									

EXT = EXTERIOR
INT = INTERIOR
FIX = FIXED LOCATION
PAN = PANORAMIC

PART DESCRIPTION	COMPANY MADE BY	PART NUMBER
SIGNATURE CARD FOR EST SYSTEM	EDWARDS	3-SSDC1
SIGNATURE CARD FOR EST SYSTEM	EDWARDS	3-SSDC
POWER SUPPLY CARD FOR EST SYSTEM	EDWARDS	3-PPS/M
AMP CARDS	EDWARDS	3-ZA1S
ACCESS CONTROL CABLE/BANANA PEEL 1000' BELDEN: 18 A.W.G. 2 CONDUCTOR WIRE	IRBY CABLE	5580AFS

UPS PARTS

PART DESCRIPTION	COMPANY MADE BY	PART NUMBER
EATON 5P UPS	EATON	5P1000

HIRSH PARTS

PART DESCRIPTION	COMPANY MADE BY	PART NUMBER
ALARM CONTROLS/ ASSA ABLOY	**ALAC 1200L**	IRBY/AMAZON
KANTECH	**T.REX-XL-NL**	LACKEY/AMAZON
HID	**RP40-H WALL SWITCH READER. MOD# 920PHRNEK00005 ONLY**	HID
ARLINGTON	LV1	IRBY
IDENTIV	8230ABC	SOFTWARE VERSION V2.1.224
SECURITRON/ASSA ABLOY	EE82	AMAZON/LACKEY
LEDLIGHT.COM/SECURITRON ILLUMINATION KIT FOR EE82 PUSHBUTTON ILLUMINATION	**PB2-LK**	LACKEY SUPPLY/AMAZON
HIRSCH/IDENTIV	**M8IB**	IDENTIV/HIRSCH
IDENTIV	**M8N2**	IDENTIV/HIRSCH
IDENTIV	**M2N2**	IDENTIV/HIRSCH
IDENTIV	**M812B**	IDENTIV/HIRSCH
IDENTIV	**M8X**	IDENTIV/HIRSCH
IDENTIV	**M825L**	IDENTIV/HIRSCH
ALTRONIX	**AL600ULACMCB**	PNL/AMAZON
HIRSCH/IDENTIV	**M1LM2**	HIRSCH/IDENTIV
EBOX TYPE38 PNT'D HC	**1010RES**	IRBY
EBOX 1010-PPRESS 10X10 PERFORATED BACKPLATE	**1010-PPRESS**	IRBY
ACCESS CONTROL CABLE /BANANA PEEL 1000' BELDEN	**5580AFS**	IRBY
PA	F/1200S, ALAC AM6370	IRBY

NLR Distribution Switch Installation

Campus	Bldg	Closet	Switch Qty	POE Injector Qty	UPS
NLR	170	GA104	1	1	1
NLR	170	GB114	1	0	1
NLR	170	GE117	1	1	1
NLR	170	GH113	1	0	1
NLR	170	GK101	1	1	1
NLR	170	GK107	1	1	1
NLR	170	1B120	1	0	1
NLR	170	1C125	1	1	1
NLR	170	1D121	1	1	1
NLR	170	1E121	1	0	1
NLR	170	1F116	1	0	1
NLR	170	1H121	2	1	1
NLR	170	1J121	1	0	1
NLR	170	1K121	1	0	1
NLR	170	1L119	1	0	1
NLR	170	1M119	1	0	1
NLR	170	2B119	1	0	1
NLR	170	2C119	1	0	1
NLR	170	2D119	1	0	1
NLR	170	2E121	1	0	1
NLR	170	2F122	1	0	1
NLR	170	2H122	1	0	1
NLR	170	2J121	1	1	1
NLR	170	2K121	1	1	1
NLR	170	2L117	1	1	1
NLR	170	2M119	1	0	1
NLR	170	3B119	1	0	1
NLR	170	3C119	1	0	1
NLR	170	3D119	1	0	1
NLR	170	3E119	1	1	1
NLR	170	3F122	1	0	1
NLR	170	3H121	1	1	1
NLR	170	3J119	1	0	1
NLR	170	3K119	2	2	1
NLR	170	3L119	1	0	1
NLR	170	3M119	1	0	1
NLR	8	Rack	1	0	1
NLR	76	Rm 104	1	0	1
NLR	182	Rack	1	0	1
NLR	200	Rack	1	0	1
NLR	201	Rack	1	0	1
NLR	65	1ST FI IDF	1	0	1
NLR	66	New IT Rm	1	0	1

NLR Network Infrastructure
Core Switches

Model/Nomenclature	NLR
Aruba 5406R zl2 (J9821A) Core Switches	1
HP 5400R(J9988A) 24-port SFP Module	6
HP 5400R (J9829A) PoE+ zl2 Power Supply	2
HPE X121 (J4858C) 1G SFP LC SX Transceiver	96
HPE X121 (J4859C) 1G SFP LC LX Transceiver	20
HPE X121 (J4860C) 1G SFP LC LH Transceiver	20

Distribution Switches

Model/Nomenclature	NLR
Aruba 2930F 24G PoE+ 4SFP+ Switch (JL255A)	45

POE Iinjector

Model/Nomenclature	NLR
Microsemi PD-9024G POE Injector	14

Accessories

Model/Nomenclature	NLR
2 meter LC-ST Multi-mode fiber patch cables	90
2 meter LC-ST Single-mode fiber patch cables	20

SERVERS

Model/Nomenclature	NLR
IR40TB20-R6	14
SIEMENS 4 PORT RACK P/N RSQ1-07	3

"High" = Entry requires valid card access in conjunction with a secondary form of authentication. (scramble prox or key pad reader)
"Medium" = Entry requires the use of a valid access card (standard card reader)
"*" Indicates only a replacement of a single card reader to a keypad card reader. All others will be a FULL install.

NLRVA	Location	Level	Comments	Complete Install Y/N
Canteen Areas				
Canteen Office	Bldg 170 Room 114	High		Y
Canteen Office	Bldg 170 Room 110	High		Y
Retail Store	Bldg 170 Room 108 (2 doors)	Medium		Y
Canteen Storage Area	Bldg 170 Room 109	Medium		Y
Canteen Storage Area	Bldg 170 Room 109A	Medium		Y
Canteen Storage Area	Bldg 170 Room 113A (2 doors)	Medium		Y
Laundry Areas				
Central Linen	Bldg 159	Med	The laundry plant bldg 159 has a total of 7 doors	Y
Laundry Plant	Bldg 159	Medium		Y
New Linen Storage	Bldg 159, Rm 007-159N	High		Y
Central Linen Storage	Bldg 170, Rm GK-103	Medium		Y
Electrical Power areas				
Commercial Electrical Power	Bldg 69, Rm 100	High	2 doors	Y
Commercial Electrical Power	Bldg 170 room GB-114 (pod1)	High	2 doors	Y
Commercial Electrical Power	Bldg 170 room GJ-104 (pod2)	High	2 doors	Y
Pharmacy Locations				
Primary Inventory of Medical Supplies	Bldg 170, GK113 (SPD)	Medium		Y
Primary Inventory of Medical Supplies	Bldg 170, GK113A (SPD)	Medium		Y
Pharmacy Bulk Storage	Bldg 170, GE-114A *	High		N
Pharmacies	Bldg 170 GE-114 B *	High		N
Pharmacies	Bldg 170 1F-107 *	High		N
Pharmacies	Blg 170 2F-111 *	High		N
Pharmacies	Bldg 170 3F-111	High		N
Pharmacies	Bldg 170 3M-109 *	High		N
Pharmacies	Bldg 66 room 152 *	High		N
Pharmacies	Bldg 66 room 152A *	High		N
Pharmacies	Bldg 66 room 152B *	High		N
Pharmacies	Bldg 66 room 152C *	High		N
Pharmacies	Bldg 66 room 144 *	High		N
Most of the pharmacies locations have a single card reader with a cypher lock on the door itself. We will still upgrade to the dual keypad reader since the cypher have at times become obsolete. If the cypher lock ever fails the dual reader will still provide dual authentication.				
OI&T Areas				
Telephone/Telecom/Data	Bldg 1 Room 273 *	High		N
Telephone/Telecom/Data	Bldg 1 Room 207 *	High		N
Telephone/Telecom/Data	Bldg 2 Ground *	High		N
Telephone/Telecom/Data	Bldg 3 Ground *	High		N
Telephone/Telecom/Data	Bldg 5 Room 104 *	High		N
Telephone/Telecom/Data	Bldg 7 Ground Room 3 *	High		N
Telephone/Telecom/Data	Bldg 11 Room 105 *	High		N
Telephone/Telecom/Data	Bldg 16 Break Room *	High		N
Telephone/Telecom/Data	Bldg 34 Room 108B *	High		N
Telephone/Telecom/Data	Bldg 37 Room 109 *	High		N
Telephone/Telecom/Data	Bldg 58 Room 33 *	High		N
Telephone/Telecom/Data	Bldg 58 Room 110 *	High		N
Telephone/Telecom/Data	Bldg 58 Room 133 *	High		N
Telephone/Telecom/Data	Bldg 58 Room 244A *	High		N
Telephone/Telecom/Data	Bldg 58 Room 307 *	High		N
Telephone/Telecom/Data	Bldg 68 Room 218 *	High		N
Telephone/Telecom/Data	Bldg 68 Room 21 *	High		N
Telephone/Telecom/Data	Bldg 76 Room 104 *	High		N
Telephone/Telecom/Data	Bldg 76 Room 4 *	High		N
Telephone/Telecom/Data	Bldg 89 Room 212	High		N
Telephone/Telecom/Data	Bldg 79B (behind bldg 102) *	High		N
Telephone/Telecom/Data	Bldg 79Ø (behind bldg 102) *	High		N
Telephone/Telecom/Data	Bldg 101 Room 101 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 219 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 225 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 104 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 124 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 202 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 221 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 205 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 132 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 126 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 123 *	High		N
Telephone/Telecom/Data	Bldg 102 Room 104B (UPS/New)	High	2 doors	Y
Telephone/Telecom/Data	Bldg 104 Room 212 *	High		N
Telephone/Telecom/Data	Bldg 105 Room 117B	High	2 doors	N
Telephone/Telecom/Data	Bldg 106 Room 109 *	High		N
Telephone/Telecom/Data	Bldg 107 Room 100 *	High		N
Telephone/Telecom/Data	Bldg 111 Room 137A *	High		N
Telephone/Telecom/Data	Bldg 111 Room 3 *	High		N
Telephone/Telecom/Data	Bldg 168 Room ???	High		N
Telephone/Telecom/Data	Bldg 170 Room GA104 *	High		N
Telephone/Telecom/Data	Bldg 170 Room GB112 *	High		N
Telephone/Telecom/Data	Bldg 170 Room GB111 *	High		N
Telephone/Telecom/Data	Bldg 170 Room GE111 *	High		N
Telephone/Telecom/Data	Bldg 170 Room GE117 *	High		N
Telephone/Telecom/Data	Bldg 170 Room GH113 *	High		N
Telephone/Telecom/Data	Bldg 170 Room GK101 *	High		N
Telephone/Telecom/Data	Bldg 170 Room GK107 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1B125 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1C125 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1D125 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1E125 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1F116 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1H121 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1J121 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1K121 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1L119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 1M119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2B119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2C119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2D119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2E119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2F122 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2H121 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2J121 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2K121 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2L117 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 2M119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3B119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3C119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3D119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3E119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3F122 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3H119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3J121 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3K121 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3L119 *	High		N
Telephone/Telecom/Data	Bldg 170 Room 3M120 *	High		N
Telephone/Telecom/Data	Bldg 189 Rest Room	High	Will only require a M2 panel not a M8	Y
Telephone/Telecom/Data	Bldg 190 Room 123 *	High		N
Telephone/Telecom/Data	Bldg 190 Room 212 *	High		N
Telephone/Telecom/Data	Bldg 191 Room Firing range 110/ closet :06 *	High		N
Telephone/Telecom/Data	Bldg 192 Room 109 *	High		N
Telephone/Telecom/Data	Bldg 198 Room 136	High		Y

ADDITIONAL REQUIREMENTS FOR NEW SYSTEM INSTALLS:
THERE WILL NEED TO BE A CR (P/N SIGA - APPROXIMATELY $100.00 EACH) WIRED IN FOR EACH NEW SYSTEM THAT WILL ALLOW THE ELECTRICAL POWER TO BE REMOVED FROM THE POWER SUPPLY AND DE-ENERGIZE THE MAG LOCKS.

CONSTRUCTION DOCUMENTS

Revisions: | Date

CONSULTANTS:

STATE OF ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 13343 JOSEPH LOUIS SMITH III

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Drawing Title: **SCHEDULES & EQUIPMENT**

Approved: Project Director

Project Title: IMPROVED SECURITY ACCESS CONTROL/MONITORING SYSTEM NLR

Location: EJT HEALTH CARE CENTER 2200 FT. ROOTS DRIVE, NORTH LITTLE ROCK, AR 72114

Date: 9/30/2017 | Drawn: CSK | Checked: RCO

Project Number: 598-16-102
Building Number: 1
Drawing Number: TY502
Dwg. 14 of 14

OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Department of Veterans Affairs

VA FORM 08-6231