



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

REQ NUMBER  
**MMB11028**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**ROBERTA WAGNER**  
**304-558-0067**

VENDOR

**United Sound & Electronics LLC**  
**Rob Harold**  
**525 E Main Street**  
**Bridgeport, WV 26330**

SHIP TO

**HEALTH AND HUMAN RESOURCES**  
**MILDRED MITCHELL-BATEMAN**  
**HOSPITAL**  
**1530 NORWAY AVENUE**  
**HUNTINGTON, WV**  
**25705**                      **304-525-7801**

DATE PRINTED <b>12/10/2010</b>	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
BID OPENING DATE: <b>01/06/2011</b> BID OPENING TIME <b>01:30PM</b>				

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ADDENDUM NO. 1</p> <p>1. QUESTIONS AND ANSWERS ARE ATTACHED.</p> <p>2. PLEASE NOTE THAT THE BID OPENING HAS BEEN MOVED FROM 12/23/2010 TO 1/6/2011 AT 1:30 PM.</p> <p>3. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.: MMB11028</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO. S:</p> <p>NO. 1 <b>X RRA</b></p> <p>NO. 2 .....</p> <p>NO. 3 .....</p> <p>NO. 4 .....</p>						

RECEIVED  
 2011 JAN -6 PM 12:04  
 WV PURCHASING  
 DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

NATURE *Rob Harold*                      TELEPHONE **304-842-6030**                      DATE **1-5-2011**

LE *member/jones*                      FEIN                      ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO R-F-Q, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
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 2019 Washington Street East  
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# Request for Quotation

RFQ NUMBER  
 MMB11028

PAGE  
 2

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 ROBERTA WAGNER  
 304-558-0067

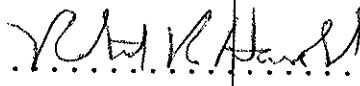
SHIP TO

HEALTH AND HUMAN RESOURCES  
 MILDRED MITCHELL-BATEMAN  
 HOSPITAL  
 1530 NORWAY AVENUE  
 HUNTINGTON, WV  
 25705 304-525-7801

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

DATE PRINTED 12/10/2010	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
BID OPENING DATE: 01/06/2011		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
NO. 5						
<p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">             .....            SIGNATURE            United Sound &amp; Electronics, LLC            COMPANY            1-5-2011            .....            DATE         </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p style="text-align: center;">END OF ADDENDUM NO. 1</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

NATURE *member service* TELEPHONE 304-842-6030 DATE 1-5-2011

FEIN ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**Mildred Mitchell-Bateman Hospital**

**Q & A Pre-Bid Meeting 12/6/2010**

**Question 1: Please provide door schedule showing all doors that are READ IN / READ OUT.**

Answer 1: Attached is a listing of the doors indicating their READ IN/ READ OUT.

**Question 2: Do all junction boxes, etc. have to be installed with tamper proof screws?**

Answer 2: Yes. As a psychiatric hospital, our patients must be protected from harming themselves or others by law.

**Question No. 3: : 120 day completion time is not attainable. With the submittal process, Fire Marshall review process and equipment delivery, you are looking at a minimum of 80 days just for the submittal and equipment. Please review completion time and provide extension**

Answer 3: The project completion time is extended from 120 days to 180 days from the date the Purchase Order is awarded.

**Question 4: Please provide scaled drawings so wiring runs can be estimated correctly.**

Answer 4. A map of the buildings is attached indicated each building's length and width as well as the location of conduit available between the buildings. Buildings 2-3-4 are connected by a "tunnel" or finished hallway.

**Question 5: What type of card do you want for use with the system, one sided or two sided? Do you plan on using the card as an identification card for your staff? What thickness of card is desired?**

Answer 5: The hospital desires to use a one-sided card for access and will not be using the same card for identification purposes. The proximity smart contactless card should be 30 ml in thickness and approximately 3.375" x 2.125" in size.

**Question 6: : Vendors are requesting a bid extension due the amount of information to be gathered on the project site not shown on drawings or in RFQ to properly bid the project within the time frame allotted.**

Answer 6: The bid date for this project originally set at December 23, 2010 is extended to January 6, 2011 at 1:30 p.m. because of the number of holidays closely following it.

**Question 7: Will background checks be required for our employee's to work on site? If so, will the State pay for these background checks?**

Answer 7: Background checks **WILL NOT** be required.

**Question 8: Please clarify bid bond requirements. RFQ states bid bonds are required and the agenda handed out in the pre bid says bid bonds not required.**

Answer 8: Bid bond for this project is required in accordance with the original RFQ.

**Question 9: Please clarify RFQ bid sheet #1. RFQ item 0003 has line item for 31 proximity card readers. Walk thru indicates there will be more than 31 installed. Please clarify.**

Answer 9: See Door Schedule attached indicating which side(s) of the door needs to have a card reader and where the security camera is to be located. All quantities are hereby changed to comply with this schedule and a new bid cost sheet is attached.

**Question 10: Please clarify page #6 of the RFQ model/brand/specifications. No manufacture is specified. Are we still to provide literature enclosed with the bid on equipment supplied?**

Answer 10: Vendors need to provide literature on the manufacturer of the system they are bidding are planning on using for this project if they are awarded the bid.

**Question 11: Please identify the building number and office number for the following location for computers and software; Security Office, Safety Office, Maintenance Department and Switchboard**

Answer 11: The Security Office is in Room 143b of Building 3. The Safety Director's Office is on the 2<sup>nd</sup> floor of Building 5 in Room 202. The System Maintenance location is in Building 1 in Room 04 in the basement. The Switchboard is located in Building 3 in Room 143c on the 1<sup>st</sup> floor.

**Question 12: Does door access control and surveillance system have to integrate in one single system?**

Answer 12. Yes, the access controls and surveillance systems must be integrated.

**Question 13. 31 cameras are analog, so the network DVR should support to 31 analog input. What's the remaining 19 channel? Please clarify Hybrid DVR(IP + Analog) or Analog DVR.**

Answer 13. The remaining 19 channels are for growth if needed. All DVR should be able to record both analog and digital signals, if needed.

**Question 14. How many channel of network DVR will be required per DVR? Based on the bid document, I believe 16 channel.**

Answer 14. With a need for 31 cameras, we split the need between two DVRs and arrived at 16 channels per DVR, even though only 31 of the 32 available channels will be used initially.

**Question 15. Are all indoor domes ceiling mount?**

Answer 15. All inside ceiling mounted cameras shall be domed cameras.

**Question 16. The RFQ (page 4) states that the access control system shall be designed to include Reader in/Reader out capabilities. However, on page (1) it is asking for a price for 31 readers. I believe that page (1) should have (61) readers. Please clarify.**

Answer 16: That answer may be found in the answer and attachments to Question 1 above. There will be a need for electronic door hardware for 31 doors but a need for 45 proximity card readers. See the Schedule of Doors at Question 1.

**Question 17. Will all work performed be done on regular day shift hours?**

Question 17. All work should be performed at regular rates with regular day shifts while our Maintenance Staff is available if needed.

**Question 18. I understand that manufacturers are not listed in the specification. However, it appears as though this specification has been written around a particular manufacturer. Can the manufacturer be disclosed?**

Answer 18. As discussed in the pre-bid conference, we put together our needed system and it did not come from a specific manufacturers product. There was no particular manufacturer used.

**COST SHEET FOR ACCESS CONTROL SYSTEM****MMB11028****Mildred Mitchell-Bateman Hospital, Huntington, WV**

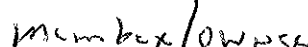
Vendor offers completion of the specifications detailed by this RFQ for the following bid price:

<b>EQUIPMENT</b>	<b>Quantity</b>	<b>UNIT PRICE</b>	<b>TOTAL AMOUNT BID</b>
Hardware server, complete	1	4200	4200 <sup>00</sup>
Workstations	4	4200	16,800 <sup>00</sup>
Proximity card readers	45	250	11,250 <sup>00</sup>
Electronic door hardware	31	295	9,145 <sup>00</sup>
Surveillance cameras	31	689	21,359 <sup>00</sup>
Magnetic door locks	31	250	7750 <sup>00</sup>
Hardware for Access Card preparation	1		24,500 <sup>00</sup>
Program Interface	1		1200 <sup>00</sup>
Operational Interface	1		1800 <sup>00</sup>
<b>OTHER COSTS</b>			
Access Control System software	1	1600	1600 <sup>00</sup>
Software for preparation of access cards for staff	1		-0-
Installation cost of hardware and software	1	132,000	132,000 <sup>00</sup>
Battery backup	1	10,266 <sup>00</sup>	10,266 <sup>00</sup>
Two (2) year warranty for software, hardware, labor and parts.	2	0	0
Training cost	3	500	1500 <sup>00</sup>
Access Card supplies	1000	3.63	3630 <sup>00</sup>

<b>GRAND TOTAL</b>		<b>\$ 247,000.00</b>
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Submitted by Vendor on 5<sup>th</sup> day of JANUARY, 2010.


Vendors Representative signature



Representatives Title

**Mildred Mitchell-Batman Hospital  
Building, Locations, Sizes and Distances of Conduit Runs**

**BUILDING SCHEDULE**

<b>Bldg #</b>		<b>Length</b>	<b>Width</b>	<b>Distance Between</b>
1	Admin/Fiscal/HR/MIS	50 ft	112 ft	1 to 2 = 136 ft
2	Pt Care/Lab/Stores	151 ft	80 ft	2 to 3 = 50 ft
3	Pt Care/Phy/Support	187 ft	152 ft	
4	Dietary	133 ft	114 ft	
5	Thera Garden/Support	204 ft	106 ft	4 to 5 = 137 ft

Copy of map attached.



**Mildred Mitchell-Bateman Hospital  
Schedule of PC Readers & Cameras**

(PC = Proximity Card Reader)

			"PCR" Location			Camera Location			
			Door	Ext	In	Inside	Outside	Inside	Outside
<b>Bldg. 1</b>									
1	Basement	#005		1				1	1
2	1st Floor	Stairwell #114		1				1	1
3	1st Floor	#101		1				1	1
<b>Bldg. 2</b>									
4	Basement	Delivery by Office #009		1				1	1
5	Basement	Fire escape at #012		1		1		1	
6	1st Floor	#107		1		1		1	1
7	1st Floor	By #101 Stairwell		1		1		1	1
<b>Bldg. 3</b>									
8	Basement	#007		1		1		1	1
9	Basement	#017		1		1		1	1
10	Basement	#22 Fire Esc stairwell		1		1		1	
11	Basement	#27 Fire Esc stairwell		1		1		1	
12	1st Floor	By Office #147		1		1		1	1
13	1st Floor	Fire Esc SE corner		1		1		1	
14	1st Floor	Fire Esc NE corner		1		1		1	
15	1st Floor	#154		1		1		1	1
16	1st Floor	North corner by Office #111		1		1		1	1
<b>Bldg. 4</b>									
17	Basement	#017		1		1		1	1
18	Basement	#012		1		1		1	1
19	Basement	#002			1			1	1
20	Basement	Canteen off patio		1		1		1	
21	Basement	GATE to fresh air area		1		1		1	1
<b>Bldg. 5</b>									
22	Basement	#012		1		1		1	
23	Basement	#013		1		1			1
24	Basement	By #016		1		1		1	1
25	Basement	Main by #038		1		1		1	1
26	Basement	#025		1				1	1
27	Basement	Pt. Apart. By #011		1		1			1
28	Basement	#024		1		1		1	
29	1st Floor	Fire escape at SE corner		1		1		1	
30	1st Floor	Fire escape at NW corner		1		1		1	
31	1st Floor	Stairwell #152		1		1		1	1
				30	1	25	20	10	21
<b>TOTAL</b>					31	45		31	





**SIGN IN SHEET**

Request for Proposal No. \_\_\_\_\_

PLEASE PRINT

Page 1 of 4  
 Date: 12/6/10

\* PLEASE BE SURE TO PRINT LEGIBLY - IF POSSIBLE, LEAVE A BUSINESS CARD

FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: <u>Commercial Technology Group</u>	<u>888 Oakwood suite 330</u>	PHONE (304) 345-0201 ext. 4010
Rep: <u>Lindsey Johnson</u>	<u>Charleston, WV 25314</u>	TOLL FREE
Email Address: <u>lj@comtechwv.com</u>		FAX
Company: <u>NETTECH SYSTEMS INC.</u>	<u>1250 DALTON AVE</u>	PHONE (304) 231-9426
Rep: <u>TOM KIBLER</u>	<u>ASHLAND, KY. 41102</u>	TOLL FREE
Email Address: <u>tkibler@nettechashland.com</u>		FAX (304) 325-0303
Company: <u>Secure US</u>	<u>P.O. Box 424</u>	PHONE 304-291-2994
Rep: <u>Becky Fitchett</u>	<u>Morgantown WV 26508</u>	TOLL FREE
Email Address: <u>bfitchett@secureus.net</u>		FAX 304-284-9678
Company: <u>United Sound &amp; Chiropractic LLC</u>	<u>525 E Main St.</u>	PHONE 304-842-6030
Rep: <u>Phil Hazard</u>	<u>Bridgport, WV. 26330</u>	TOLL FREE
Email Address: <u>ph@unitedsound.net</u>		FAX 304-842-7160
Company: <u>COX SECURITY SERVICES</u>	<u>P.O. BOX 605</u>	PHONE 304-345-4210
Rep: <u>SHAWN MAHNS</u>	<u>472 Blue Prince Road</u>	TOLL FREE
Email Address: _____	<u>Blairfield WV 24761</u>	FAX 304-323-2310

*Sheila Ramey  
 Son Spencer  
 Randy Cethy  
 Daniel Peiringer  
 Noah Kushner*

**SIGN IN SHEET**

PLEASE PRINT

Request for Proposal No.

\* PLEASE BE SURE TO PRINT LEGIBLY - IF POSSIBLE, LEAVE A BUSINESS CARD

FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: <u>Advanced Alarm Technologies P.O. Box 4368</u>	<u>Parkersburg WV 26104</u>	PHONE <u>304-422-4387</u> TOLL FREE FAX <u>304-422-4387</u>
Rep: <u>Egrl Meyer</u>		
Email Address: <u>AdvancedAlarm@SaddulaK.net</u>		
Company: <u>Mc DANIEL Electric Co. Inc. 1309 8th Ave.</u>	<u>Hghty, WV 25701</u>	PHONE <u>304-522-8306</u> TOLL FREE FAX <u>304-522-8307</u>
Rep: <u>Howard Underwood</u>		
Email Address: <u>Underwoodhe@Comcast</u>		
Company: <u>SIMPSON</u>	<u>2500 7th Ave</u>	PHONE <u>833-206-2014</u> TOLL FREE FAX <u>202-204-6076</u>
Rep: <u>RICK DADON</u>	<u>CHARLESTON WV 25302</u>	
Email Address: <u>RIDALONG@SIMPSONWV.COM</u>		
Company: <u>Verizon Business</u>		PHONE <u>304-633-2533</u> TOLL FREE FAX <u>304-356-3596</u>
Rep: <u>Chip Merritt</u>		
Email Address: <u>Chip.j.merritt@VerizonBusiness.com</u>		
Company: <u>ESCO State Electric</u>		PHONE <u>304-417-3735</u> TOLL FREE FAX
Rep: <u>Jeremy Hatfield</u>		
Email Address: <u>Jeremy.hatfield@sketelectric.com</u>		

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Page 3 of 4  
Date: 12/16/10

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FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: Miller Communications, Inc.	One Wireless Way, Suite 100	PHONE (304) 863-8595
Rep: WERNER KNIGHT	Parkersburg WV 26101	TOLL FREE
Email Address: <a href="mailto:wknight@millercomm.com">wknight@millercomm.com</a>		FAX (304) 863-3786
Company: Lewis Security Comm Systems LLC	102 39th ST SE	PHONE (304) 925-0338
Rep: Alan E Long	Charleston WV 25304	TOLL FREE
Email Address: <a href="mailto:alans@cs.suddenlink.net">alans@cs.suddenlink.net</a>		FAX (304) 925-0338
Company: JORDAN-SMITH Electric	4428 EARL COURT	PHONE 304 697 1141
Rep: JEFF CASSITY	Huntington, WV 25705	TOLL FREE
Email Address: <a href="mailto:J.Cassity@JORDAN-SMITH.COM">J.Cassity@JORDAN-SMITH.COM</a>		FAX 304 697 1142
Company: New Valley Technologies	3564 River Road	PHONE 304 278-7773
Rep: Bob Bishop	Morgantown, WV 26501	TOLL FREE
Email Address: <a href="mailto:RBishop@NUTECH.US">RBishop@NUTECH.US</a>		FAX 304 278-7404
Company: New Valley Technologies	3564 River Road	PHONE 304-278-7773
Rep: RYAN MILLER	Morgantown WV 26501	TOLL FREE
Email Address: <a href="mailto:R.miller@nutech.us">R.miller@nutech.us</a>		FAX 304-278-7404

United Sound & Electronics, LLC

525 East Main Street  
Bridgeport, WV 26330

Phone # 800-924-8894 / 304-842-6030

Fax # 304-842-7160

# System Quotation

DATE

1/6/2011

Mildred Mitchell Bateman Hospital  
1530 Norway Avenue  
Huntington, WV 25705

QTY

DESCRIPTION

#### CCTV Equipment:

- 10 UVD-EVDRNR-VA2 Indoor Dome camera
- 21 UVD-XP3DNR-VA2 Outdoor dome camera
- 21 DR-EP Outdoor Pendant mount for dome camera
- 3 SymSafe Pro16+2-4t 16 Channel DVR (Total Camera capacity 52 with existing DVRs)
- 3 8- Camera power supply, KTP-24-8-100
- 4 4- Camera power supply, KTP-24-41-200

#### Card Access Equipment:

- 1 4 Door Kit, TPZ-SYS-D-GE, includes panel, 4 readers, 50 cards
- 11 ACURT4-EX-MU 4 Reader Control Panel with 4 Mullion Readers
- 2 ACURT2-EX-MU 2 Reader Control Panel with 2 Mullion Readers
- 31 I200# Maglock with door status sensor & LED
- 950 Standard light Proximity card

6 Card Access maglock power supply

4 TPX-WKSTA-SW Card access workstation software

#### Video Server/Workstations

- 5 Dell Vostro 430 PC Minitower IntelCore i7-870w/VT2.93 Ghz 8mmp L3 Cache) Genuine Windows 7 Professional wi/Media 64-bit, 8 GB Dual Channel DDR3 SDRAM at 1333 Mhz (4 DIMMS), 500GB Serial ATA Hard Drive w Data Burst Cache, DVD+/-RW Burner, 1 GB Radeon HD 5770 128 Bit GDDR5 PCI Express 2.1 x 16 HDCP Ready Cross FireX support video card, Dell 24" widescreen monitor, integrated gigabit ethernet

#### Card Access Server/workstations

United Sound & Electronics, LLC

525 East Main Street  
Bridgeport, WV 26330

Phone # 800-924-8894 / 304-842-6030

Fax # 304-842-7160

# System Quotation

DATE

1/6/2011

Mildred Mitchell Bateman Hospital  
1530 Norway Avenue  
Huntington, WV 25705

QTY	DESCRIPTION
5	Dell Optiplex 380 PC Minitower, Genuine Windows 7 Professional wi/Media 64-bit, IntelCore 2 Duo E7500 w/VT 2.93 Ghz 3m, 1066 mhz, 320GB SATA Hard Drive , Dell 24" widescreen monitor, integrated gigabit ethernet.
5	GE-DSG-244 Gigabit network switches
5	Dell computer for card access
5	UPS supply
10,000	10/#22 Wire Jacketed
10,000	#18-2 Jacketed
5,000	RG-59 & 18-2 Siamese cable
3,000	Cat 6E, PVC Jacket, (4 pair)
1	subcontractor labor City of Huntington B & O Tax System Installation System Training  Job Bonding

## Overview

UltraView™ Dome security cameras provide high-quality surveillance images in a variety of discreet commercial applications. UltraView Domes can be mounted in a variety of positions including wall mount, ceiling mount, pendant mount and flush mount. The camera can be rotated 360 degrees and tilted 90 degrees into the most desirable viewing angle using the 3-axis gimble mounting system. Each housing comes with a captive shroud that conceals the easy-to-position camera. UltraView Domes come standard with true day/night (removable IR cut filter), BNC, and UTP connections.

UltraView Domes are aluminum vandal-resistant IP66-rated environmental housings designed for indoor and outdoor use. They also feature a polycarbonate dome for extra durability.

UltraView Domes offer two great camera options to choose from, making it easy to get the right camera for the right situation.

### *Ultra-Wide Dynamic Range*

UltraView Dome WDR cameras use Xposure technology. Each pixel is individually optimized to show details in shadows and highlights. This ultra-wide dynamic range camera option will deliver usable images in the most challenging high-contrast lighting conditions. The improved low-light performance makes this option a true high-performance WDR camera. These camera options deliver an astounding 540 TVL of color resolution.

### *Exceptional Low-Light Performance*

UltraView Dome cameras incorporate a Sony CCD, DSP and a micro-controller to provide high-quality images with good color reproduction and sharp pictures. These camera options deliver 540 TVL resolution color as well as feature an advanced auto-exposure system for autoiris lenses that optimizes the available light.

## Standard Features

- Digital signal processing
- Excellent performance in most lighting conditions
- True day/night (removable IR cut filter)
- IR-corrected varifocal lenses
- Standard BNC and UTP connections
- Polycarbonate dome with captive shroud for easy installation, vandal resistance and to conceal camera position
- Heavy-duty indoor/outdoor housing (IP66 rated)
- 12 VDC/24 VAC
- The 3-axis gimble allows wall mounting of the dome while maintaining a level viewing horizon
- Secondary video output inside the dome bubble for local test monitor during setup

## UltraView™ Series

# Dome Cameras

High-res, vandal-resistant,  
varifocal lens cameras



## Application

UltraView™ Dome cameras are notable for their ability to work in just about any environment. Because the available camera options perform in extreme high and low-light situations, it's easy to find a camera tailored to most security applications.

UltraView Domes, with vandal resistant and weather resistant characteristics, are ideal for exterior installations including shipping ports and banking institutions as well as parking lots. These compact domes are also well-suited for indoor applications including retail environments and healthcare facilities.

Typical Camera Locations	XP3	EVR
Loading docks	Y	N
ATM kiosks	Y	N
Retail stores	Y	Y
Office lobbies	Y	Y
Automotive dealership showrooms	Y	N
Hospital hallways/surgical suites	Y	N
Parking garages	Y	Y

## Specifications

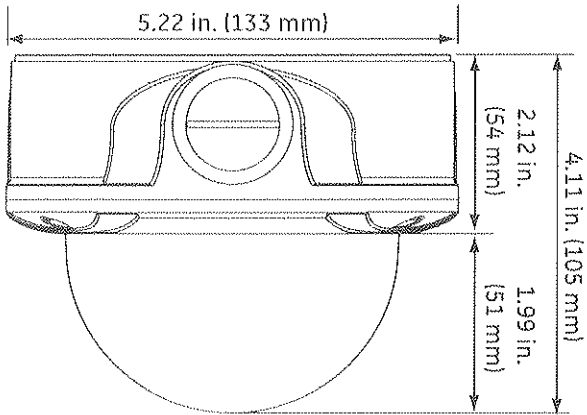
	UltraView Dome WDR	UltraView Dome
Features		
Sensor	1/3-in. GE Xposure	1/3-in. interline transfer Super HAD CCD
Wide Dynamic Range	95 dB typical, 120 dB max	—
Signal System	NTSC/PAL Selectable	NTSC or PAL standard
Scanning System	525/60 (NTSC); 625/50 (PAL)	525/60 (NTSC), 625/50 (PAL); 2:1 Interlace
Digital Zoom	—	—
Synchronization	DC Internal/AC Line Lock	DC Internal/AC Line Lock
Effective Pixels (HxV)	720 x 540 (NTSC and PAL)	811 x 508 (NTSC); 795 x 596 (PAL)
Horizontal Resolution	540 TVL color	540 TVL color
Sensitivity	0.5 lux @ f1.2, 30 IRE	0.05 lux @ f1.2, 30 IRE
S/N Ratio	> 49 dB	> 50 dB
AGC	On/Off, fully programmable	0 to 36 dB
Gamma Compensation	0.45 NTSC; 0.36 PAL	9 Curves selectable
Composite Output	1.0 V p-p @ 75 ohms	1.0 V p-p @ 75 ohms
Frame Integration	2X~32X	—
Privacy Masking	—	8 areas ON/OFF, 2 colors, position, size adjustable
Mirror	Horizontal, Vertical	Horizontal
White Balance	ATW/ATW-Extend/Manual/PTL	ATW/AWB/Manual/PTL
D/N Switching	Auto/Manual	Auto/Manual
Aperture Correction	—	0 to 9 steps adjustable
Lens Mount	D-mount	D-mount
Lens Options	2.8 to 10.5 mm AI f1.2 IR corrected 9 to 22 mm AI f1.4 IR corrected	2.8 to 10.5 mm AI f1.2 IR corrected 9 to 22 mm AI f1.4 IR corrected
Auto Exposure	—	1/60 (1/50) sec
Manual Exposure	—	1/60 (1/50), 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000 sec.
Environmental		
Operating Temperature	-58 to 122°F (-50 to 50°C)	-22 to 122°F (-30 to 50°C)
Electrical		
Input Voltage	12 VDC or 24 VAC	12 VDC or 24 VAC
Power Consumption	3W (DC); 2.4 W (AC)	2.5 W (DC); 2.5 W (AC)
Physical		
Dimensions	5.22 x 4.11 in. (133 x 105 mm)	5.22 x 4.11 in. (133 x 105 mm)
Weight	Rugged Dome 33.8 oz (958 g)	Rugged Dome 33.8 oz. (958 g)
Regulatory Certifications	FCC, CE, C-TICK, UL	FCC, CE, C-TICK, UL



## Dimensional Diagram

UltraView™ Dome housings are rugged and weather resistant (IP66).

### UltraView Dome Housing



## Ordering Information

### NTSC

UVD-EVRDNR-VA2	UltraView Dome (EVR Series) True Day/Night Rugged Dome, 540 TVL, UTP, BNC, 2.8mm-10.5mm AI IR Corrected, 12VDC/24VAC
UVD-XP3DNR-VA2	UltraView Dome WDR (XP3 Series) True Day/Night Rugged Dome, 540 TVL, UTP, BNC, WDR, 2.8mm-10.5mm AI IR Corrected, 12VDC/24VAC
UVD-EVRDNR-VA9	UltraView Dome (EVR Series) True Day/Night Rugged Dome, 540 TVL, UTP, BNC, 9.0mm-22.0mm AI IR Corrected, 12VDC/24VAC
UVD-XP3DNR-VA9	UltraView Dome WDR (XP3 Series) True Day/Night Rugged Dome, 540 TVL, UTP, BNC, WDR, 9.0mm-22.0mm AI IR Corrected, 12VDC/24VAC

### PAL

UVD-EVRDNR-VA2-P	UltraView Dome (EVR Series) True Day/Night Rugged Dome, 540 TVL, UTP, BNC, 2.8mm-10.5mm AI IR Corrected, 12VDC/24VAC, PAL
UVD-XP3DNR-VA2-P	UltraView Dome WDR (XP3 Series) True Day/Night Rugged Dome, 540 TVL, UTP, BNC, WDR, 2.8mm-10.5mm AI IR Corrected, 12VDC/24VAC, PAL
UVD-EVRDNR-VA9-P	UltraView Dome (EVR Series) True Day/Night Rugged Dome, 540 TVL, UTP, BNC, 9.0mm-22.0mm AI IR Corrected, 12VDC/24VAC, PAL
UVD-XP3DNR-VA9-P	UltraView Dome WDR (XP3 Series) True Day/Night Rugged Dome, 540 TVL, UTP, BNC, WDR, 9.0mm-22.0mm AI IR Corrected, 12VDC/24VAC, PAL

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F 61-3-9239-1299

Europe  
T 32-2-725-11-20  
F 32-2-721-40-47

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F 305-593-4300

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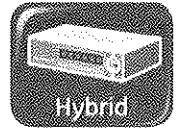
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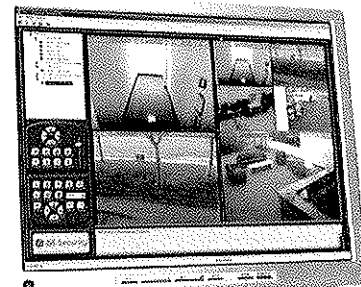
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GE  
Security

Video Surveillance  
Hybrid Video Recorders



# Bridging the Analog and Digital Worlds



SynSafe Hybrid  
Video Recorder



SynDec 16 plus  
Hybrid Video Recorder



# Hybrid Digital Video Recorders

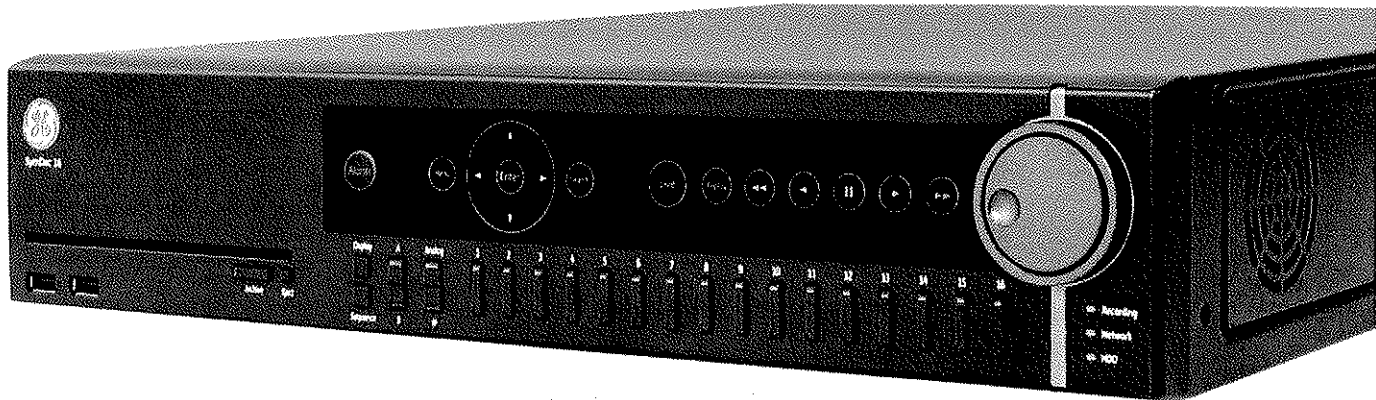
## Professional Video Streaming Recorders that Combine Analog and Digital Channels

**Hybrid Technology Puts You in Control**  
If you're just getting into IP security technology, our flexible MPEG-4 recorders let you migrate to the new platform at your own pace. Both our SymDec 16 *plus* 4 performance Hybrid Recorder and our SymSafe Hybrid Recorder allow you to capitalize on your current analog equipment, while expanding your IP capabilities with two or four digital inputs.

Both systems feature a sleek, low-profile design with a slot drive DVD burner and offer professional features that sophisticated video surveillance demands, yet their easy operation and price won't overwhelm you. And each comes with the peace of mind of a three-year warranty.

**SymDec 16 *plus* 4 Recorders**  
Hybrid technology is just the start with SymDec 16 *plus* 4. With real time recording on all 20 channels, up to 3TB of internal storage and 256 macros, SymDec 16 *plus* 4 delivers optimal performance. Four IP channels give you the flexibility and scalability to extend your digital network.

**SymSafe Recorders**  
Utilizing many of same features found in the SymDec 16 *plus* 4, the SymSafe family offers the choice of 4, 8 or 16 channel configurations, depending on the size of your application. Each comes with two IP inputs providing the flexibility of Hybrid technology.



### Typical SymDec Applications:

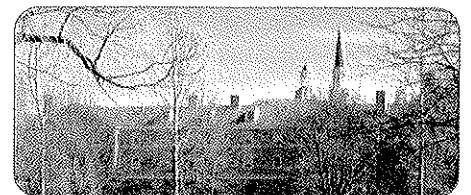
The advanced features, larger capacity and faster frame rates, make the SymDec 16 *plus* 4 ideal for larger applications, such as hospitals, colleges, universities, shopping malls, banks and casinos.



Hospitals

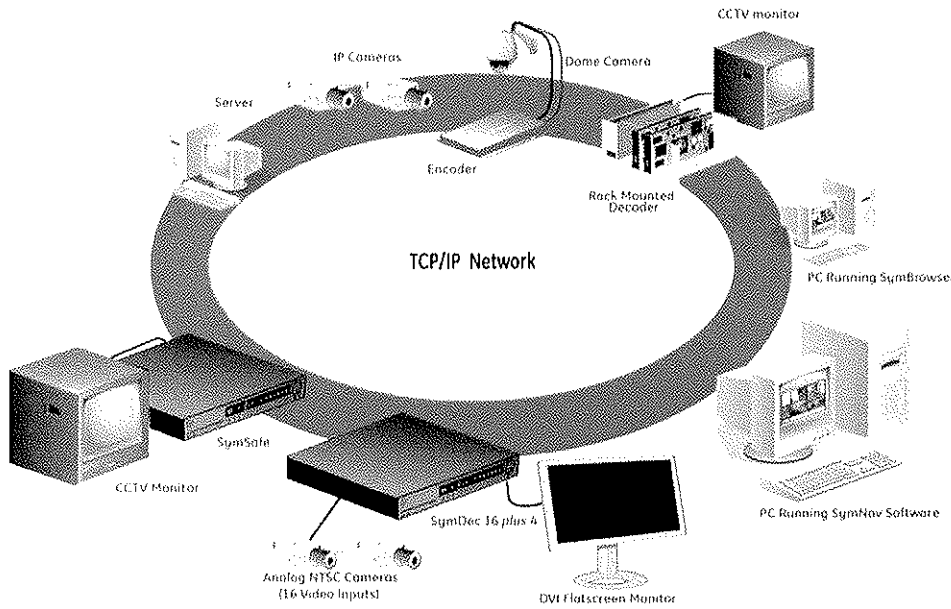


Financial Institutions



Colleges and Universities

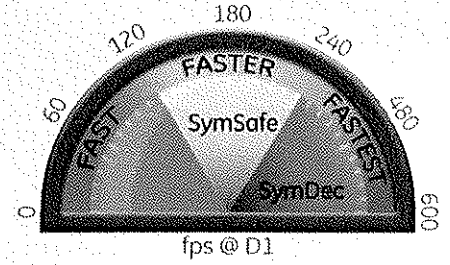
Typical Hybrid Recorder Configuration



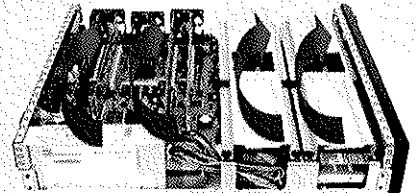
Network-Enabled to Extend Your Surveillance Reach

GE Hybrid Recorders will help manage your network video transmissions with ease. Both the SymDec 16 plus 4 and SymSafe Hybrid Recorders are network enabled, with 10/100/1000 BaseT Ethernet and dynamic IP addressing (DHCP). For additional performance on limited bandwidths, the SymDec 16 plus 4 uses V-Stream technology to maintain image transmission. Dynamic Domain Name Server (DDNS) support lets you remotely access the DVR through a network using an easy-to-remember name, rather than an IP address.

Advanced Features for Enhanced Security



**Blazing Fast Recording Speed**  
Our family of Hybrid Recorders can reach speeds up to 480 frames-per-second (600 Hybrid).

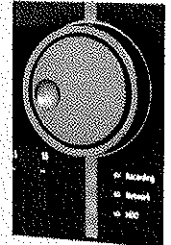


Extended HDD Lifespan

Unique Cooling Tunnel™ design and video specific hard drives extend HDD life. Each unit comes equipped with fan failure alarms.

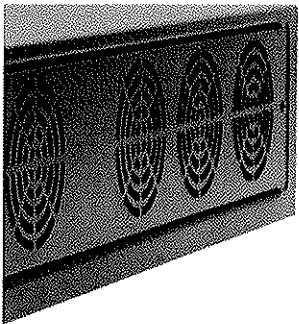
Instant Alarm Notification

The innovative alarm indicator light bar visually alerts you when an alarm has been triggered.



High-Performance Software

GE Hybrid Recorders are supported by multiple software applications, from a standard web browser interface to full-scale video management software.



Typical SymSafe Applications:

Excellent recording quality, scalability and compatibility make the SymSafe a good fit for installations such as schools and retail.



Retail / Small Commercial



Education (K-12)

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fax 32-2-721-40-47

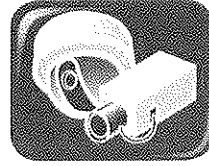
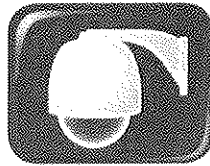
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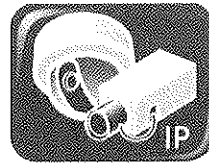
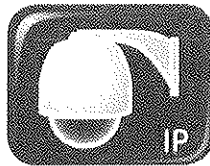
## Uncompromising Quality and Unlimited Possibilities

GE Hybrid Digital Video Recorders are compatible with a wide range of analog and digital cameras, and software options



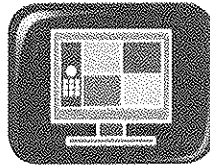
### Analog Fixed and PTZ Cameras

Most analog NTSC cameras are supported, with D1, 2-CIF and CIF recording resolutions. All GE analog camera models are compatible including CamPlus 2, Ultraview XP3, DR2/DM2 and more. Cyberdome II and Legend Pan/Tilt/Zoom cameras are also fully supported.



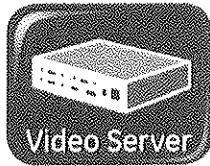
### IP Cameras

Supported GE digital IP camera models include the SymVeo and Legend IP series.



### Software

GE digital recorders are supported by GE Security's SymSuite™ video management software: SymSecure™, SymNav™, and SymBrowser™. GE offers additional integration with its integrated security management platforms, as well as Omnicast 4.0 video management software.



### Video Server

The SymNet™ family of video servers can be used to convert analog cameras to digital, and stream to either the SymSafe or SymDec Hybrid Recorders.

## About GE's Security Business

GE Security, Inc., a wholly owned indirect subsidiary of the General Electric Company (NYSE: GE), is a leading supplier of security and life safety technologies, with operations in more than 35 countries and \$1.8 billion in annual revenue.

Leveraging a broad portfolio of advanced world-class technologies and best-in-class partners, GE delivers real-world, end-to-end security solutions that help protect people, assets and communities.

For additional information, please visit us online at [www.gesecurity.com](http://www.gesecurity.com), or call 888-GE-SECURITY (437-3287).

GE-Security, making the world safer.

GE Security products are available through a global network of Strategic Partners, Integrators, Dealers and Distributors.



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## Overview

Integrate access control, video surveillance, alarm monitoring, and photo ID badging with the **Topaz Access Control System**. Topaz is packaged with everything you need to get your security system up and running quickly and reliably.

Topaz software includes a quick-start menu for Auto Configuration and Batch Add cards, which you can activate instantly with a mouse click. Topaz uses a simple browser-style interface with full-color maps, interactive icons, and point-and-click video. Packaged in complete two- and four-door starter kits and expansion kits, or as individual parts, Topaz provides everything you need for systems with up to 256 readers. Photo ID badging and report generation with preconfigured and custom reports are all part of your Topaz package.

### Integrated video surveillance

View video from the Topaz user interface with the click of your mouse. Either click the video icon that's tagged to event details, or view live video by clicking the video button in the alarm queue. Connect as many as eight GE digital video recorders over your Topaz network. Topaz supports GE's DVMRe CT-II, StoreSafe™, and Digia™ II series DVRs.

### Robust communications options

Robust communications are built into your Topaz system. Every control panel has an onboard high-speed LAN/WAN connection while still allowing for RS-485, RS-232 and dial-up communications. You choose the best-fit options for every application.

### Auto configuration

With a click of the mouse, you can initiate the Auto Configuration feature to detect RT panels, input/output modules and modems on the system. You can then select the configured devices or add names to individual devices before saving. Use the Device Tree to view the entire system configuration at a glance.

## Standard Features

- Integrated GE Security DVR support adds video recording to events reported to the Topaz system
- Individual parts or packaged in complete kits for startup or expansion
- Browser-style interface with Device Tree
- Interactive color graphics with dynamic icons
- Photo ID and badging software included
- Intelligent controller keeps functioning even during host communications loss
- Data Guard database corruption protection



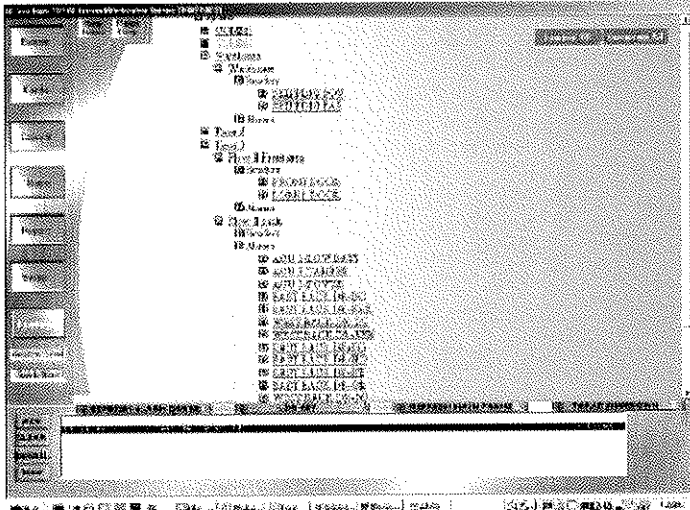
# Topaz

Software for access control



### Browser-style interface with interactive color graphics

The Topaz interface gives you a familiar browser-style environment in which to administer and operate the system. Dynamic alarm, reader, security area, and relay icons are displayed on color maps or other images in standard graphic file types. The icons have full drill-down capabilities to the device level. Use simple mouse clicks on the appropriate icons to acknowledge alarms or operate, arm or disarm individual devices and doors or complete security areas.



Device Tree displays the system's configuration.

### Fully functional workstations

You can add up to four full workstations to the server, which also operates as a workstation. Both the server and the workstations include dynamic and fully interactive maps with onscreen video call-up, PTZ control, and report and event printing. Each station can also be used as an enrollment or assessment station for the integrated photo-badging system.

### Badging

Create badges easily with Topaz's integrated video badging and photo ID facilities. Features include a badge design and drawing package with multilayer design tools, drag-and-drop capabilities and a full editing package.

The digital photo capture tool provides image manipulation capabilities. In addition, it features multiple-frame capture so your subject can choose the best likeness from several photos. Photos may also be imported from remote video cameras and digital still cameras.

### Report generation

Report generation is extremely easy through dozens of preconfigured reports, arranged by cardholders, operators, device types, system events, alarm events, alarm history and operator actions. The system is also equipped with a point-and-click customizable Employee Report Generator tool with multilevel filtering.

### Instant access

Topaz panels are not host-dependent. Each panel has a resident database of users and security information so it always keeps functioning. Topaz provides access operations and alarm monitoring, even during system communication loss or data downloads.

### Data Guard

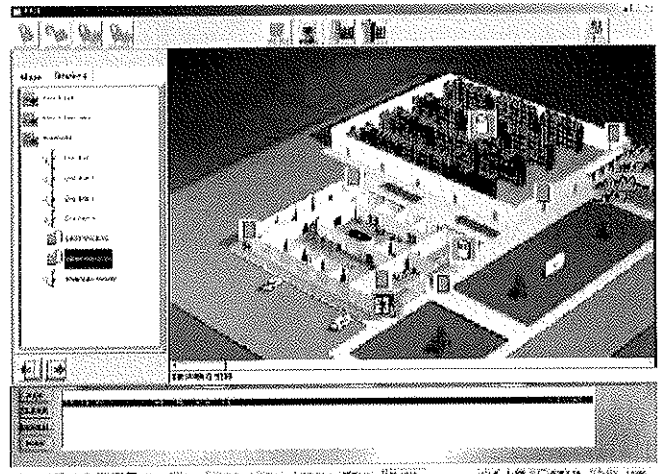
Topaz eliminates the potential for database corruption in field panels due to communication failures during downloads. The Data Guard feature copies data to local memory during a download, then verifies the accuracy of the data before updating the panel database, ensuring the integrity of the data.

### CCTV camera with PTZ control

Add a video switcher to your network for a complete CCTV camera display with pan/tilt/zoom control to view an entire area. These features are available directly from any of the interactive color graphic maps.

### Entry and exit delays by area

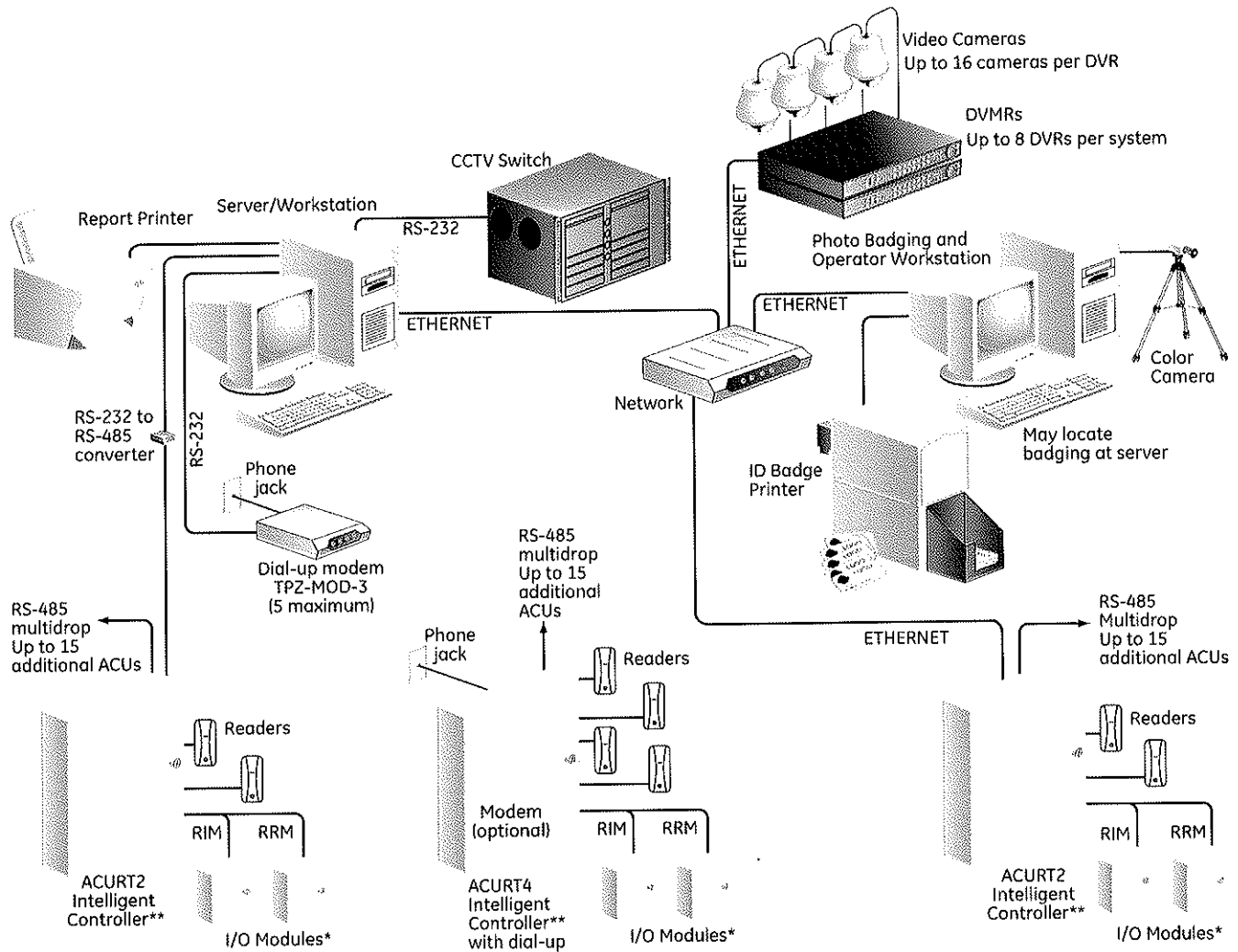
Configuring a short time delay before reporting an alarm allows ingress or egress while the system disarms or arms. Set each area with an individual delay.



Browser-style graphical interface can drill down to device level.



## System diagram



\*Up to four I/O modules on each ACURT panel.

\*\*All RIM and RRM panels require external 24 VDC power (UL-UPS-24V).

### ACURT2 and ACURT4 intelligent controllers

Topaz panels are equipped with 90 MHz cold fire processors for fast two-way communications; and they support magstripe, Wiegand, barium ferrite, barcode, proximity, biometric and smart card technologies.

The ACURT panels are designed for installation ease with removable hinge enclosure covers, a point-to-point wiring diagram etched on the panel's overlay and diagnostic LEDs. Panels also include flash memory for easy upgrades from the server.

Up to 16 panels can be multidropped on an RS-485 bus. Connect up to four input modules (RIM) and/or four output modules (RRM) to each panel. Each reader input on a Topaz panel has three 6-state supervised inputs: a door contact, a REX (Request to Exit) and an auxiliary input. There are two reader inputs on the ACURT2 and four on the ACURT4 panel.

### Starter and expansion kits

Packaged in complete two- and four-door starter kits and expansion kits, complete Topaz systems are easy to order. Kits numbered A through D come with Topaz software, a two- or four-reader panel (ACURT2 or ACURT4), readers, 50 proximity cards, manual, RS-232 to RS-485 converter, terminator and a 6-foot DB-9 to DB-25 cable. See the ordering information for kit numbers.

### Compatibility

Topaz hardware is forward-compatible with GE Security software packages such as Sapphire Pro and Diamond. Start with a package that meets your needs now, knowing that you can add flexibility in the future.

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## Specifications

System Capacity			
Readers	256	Access groups/card	8
Cardholders	10,000	Security areas/card	8
Digital video multiplexer/recorders	8	Workstations (in addition to file server)	4
Cameras	128	<b>Minimum PC Requirements</b>	
Field panels	64	Intel® Pentium® 4 processor @ 1.8 GHz	
Alarm points	2,048	Windows® 2000 Pro, XP Pro or Vista Ultimate	
Relay outputs	1,024	Monitor resolution	1024 x 768 pixels, 16-bit color
Time schedules	127	RAM	1GB minimum
Event buffer size	250,000	Video memory	4MB
Operator password	64	3.5 in. 1.44MB floppy drive	
Holidays	32	Disk space required	2GB
Serial ports	5	CD-ROM drive	20X
Color graphics	Yes	Sound card and speakers	Yes
Elevator control	Yes	USB port	1 minimum for Software Sentinel
CCTV switching	Yes	Ethernet card	TCP/IP
Photo ID badging	Yes		
Access groups	64		
Security areas	255		

## Ordering information

### System Kits

*Each kit includes cards, GE readers, ACURT panel, RS-232 to RS-485 converter, plug-in transformer, Topaz software and back-up batteries*

TPZ-SYS-A-GE	Two-reader system (two GE T-100 readers)
TPZ-SYS-B-GE	Two-reader system (two GE T-500W readers)
TPZ-SYS-C-GE	Four-reader system (four GE T-100 readers)
TPZ-SYS-D-GE	Four-reader system (four GE T-500W readers)

### Expansion Kits

*Each kit includes ACURT panel, enclosure, GE readers, plug-in transformer and back-up batteries*

ACURT2-EX-PP-GE	Two-reader control panel with two GE T-100 (mini-mullion) readers
ACURT2-EX-MU-GE	Two-reader control panel with two GE T-500W (1-gang mullion) readers
ACURT4-EX-PP-GE	Four-reader control panel with four GE T-100 (mini-mullion) readers
ACURT4-EX-MU-GE	Four-reader control panel with four GE T-500W (1-gang mullion) readers

### RCR-REX PIR

RCR-REX-W	Dual-technology request-to-exit motion sensor, DDPDT, Form C, includes wall plate, white
-----------	--

### Software and Hardware

TPZ-RIM-1	Remote 16-Input Module with enclosure and lock
TPZ-RRM-1	Remote 16-Relay Output Module with enclosure and lock
ACURT2	Two-reader control panel with 16MB RAM, LAN port
ACURT4	Four-reader control panel with 16MB RAM, LAN port
TPZ-SRVR-SW	Topaz server software
TPZ-WKSTA-SW	Topaz workstation software
TPZ-SWUPGRADE	Topaz existing system software upgrade covers both existing server & workstation(s) - does not include USB dongle license key.

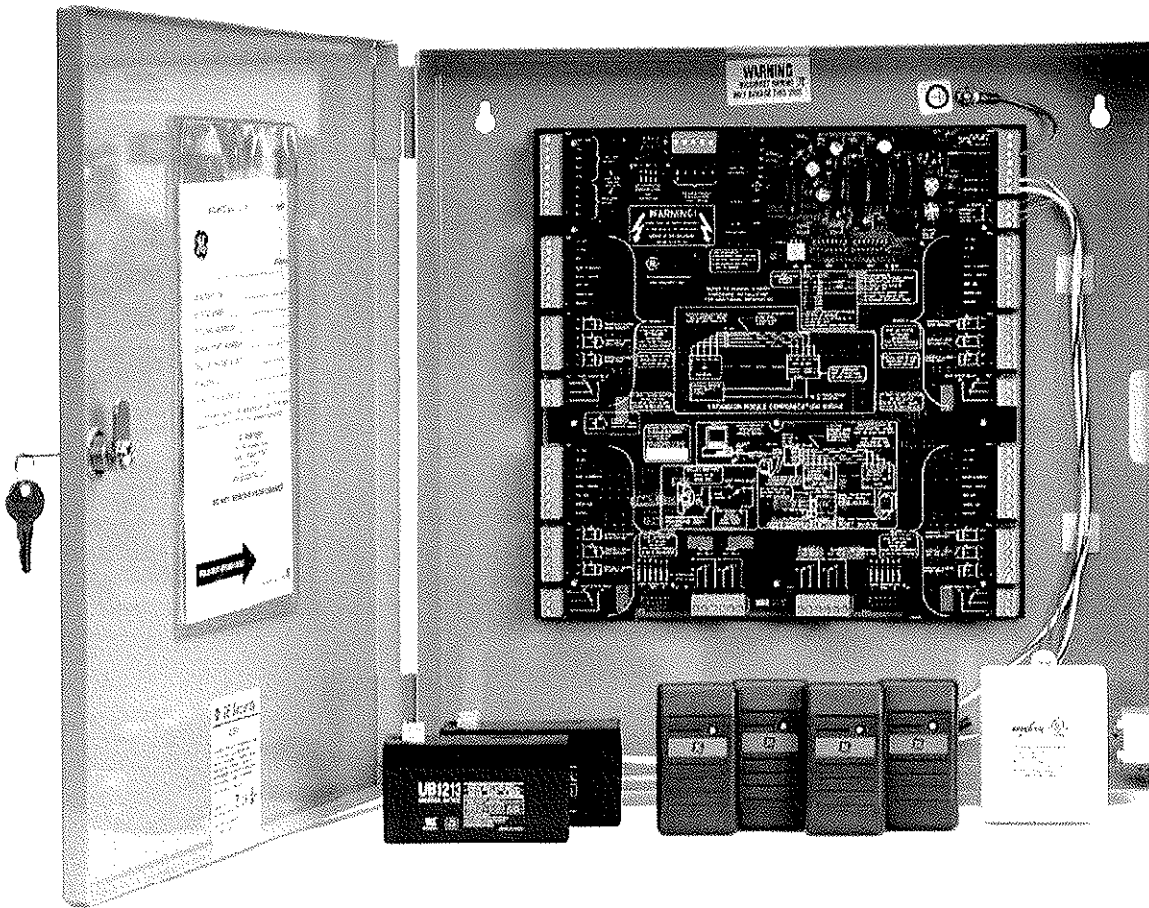
### Video Imaging and Badging

TPZ-VIB	Badging kit with capture card
TPZ-PRINTER-1	Hand-fed ID card printer
TPZ-PRINTER-2	Hopper-fed ID card printer
TPZ-VPO-4	50 PVC overlays for TPZ-CPP2-1 (ProxCard II)
TPZ-CBP-A1	50 direct-print PVC cards (no technology)
TPZ-REFILL1	Replacement film for Printer 1
TPZ-REFILL2	Replacement film for Printer 2

*Additional Topaz ports are listed in the price guide.*



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Close Window

File Name: ACURT4-EX-PP, Four-Reader Control Panel Photo; (topaz\_expansion\_kit\_low.jpg); 69.6 KB

**To download a photo: Windows**

1. Right click on the image.
2. Select the Save Picture As... option from the pull-down menu that appears.
3. Choose the destination file where you want to save the image.
4. Click Save and the image will begin to download to the chosen location.

**To download a photo: Mac OS**

1. Hold down the control button and click on the image.
2. Select the Save Picture As... option from the pull-down menu that appears.
3. Choose the destination file where you want to save the image.
4. Click Save and the image will begin to download to the chosen location.

GE

## Security

## ACURT2 & ACURT4

Field panels are the core of any access control system. When used with Topaz Intelligent Access Control software, the 32-bit-processor-based ACURT2 and ACURT4 access control and alarm monitoring panels set the industry standard for performance, reliability, flexibility, and cost effectiveness. They are designed to operate with the server using a RS-485, RS-232, or LAN/WAN connection.

Based on a true 32-bit platform, each ACURT2 and ACURT4 panel contains 16MB of RAM with battery backup, allowing high-speed transactions and support for up to 10,000 cardholders.

The ACURT2 includes direct connections for two readers including magnetic stripe, Wiegand, proximity, bar code, and biometric. The ACURT4 includes up to four connections. Also onboard are all of the inputs and outputs necessary to support the operation of the access-controlled doors, including door position switch, request-to-exit device, and electric door release hardware. In addition, auxiliary inputs and outputs are provided for most application needs.

The panels have onboard high-speed LAN/WAN connections. They also connect through RS-485, RS-232, and dialup for additional flexibility.

Up to 32 ACURT2s or ACURT4s may be connected to a single Topaz server. All access decisions and alarm monitoring activity are performed locally at the ACURT2 and ACURT4 panels based on parameters that are downloaded from the server—thus minimizing network traffic and minimizing the time from presenting a card to completion of the access transaction.

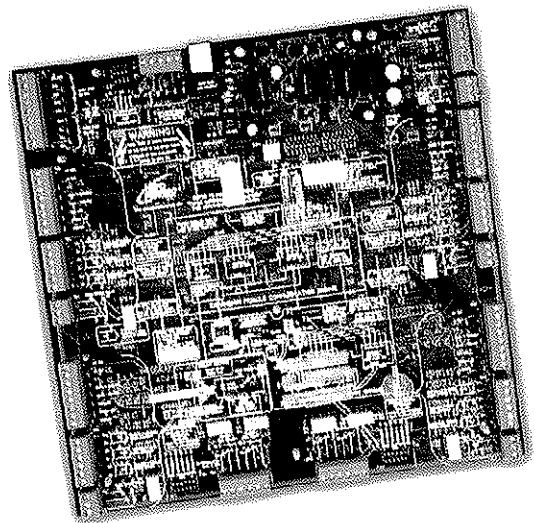
Whether or not the server is online, the panel will continue to monitor alarms and process access requests based on which access points (doors) each cardholder is allowed to pass through and when. The ACURT2 and ACURT4 can also operate in a standalone mode only, connecting to the server when necessary through a dialup phone line.

### Features

- Integrated GE Security DVMRe support adds video recording to events reported to the Topaz system
- Onboard high-speed LAN/WAN
- Flashmemory
- 16MB RAM
- Battery backup
- Onboard programmable relays and supervised alarm inputs
- I/O capability can be expanded
- Connections can also be made through RS-485, RS-232, or dialup
- Instant Access
- Data Guard
- Local antipassback

# ACURT2 & ACURT4

Networked intelligent controllers



### *Supports many readers and card formats*

The ACURT panels directly support either two (ACURT2) or four (ACURT4) readers. ACURT field panels support 16 variable card formats, Magstripe or Wiegand reader technologies, and multiple site/facility codes.

Readers may consist of magnetic stripe, Wiegand, proximity, barcode, biometric technologies, keypad, or combined reader/keypad. Keypads may be used for controlled entry, masking and unmasking of alarm devices, and activation of a duress alarm.

### *High processor speed and 16MB memory*

True 32-bit Motorola processor assures high-speed downloads, fast access, and real-time alarm reporting, as well as 16MB memory support for up to 10,000 cardholder records in each panel. Records may include access privileges, time schedules, holiday schedules, security areas, access groups, and more.

The memory is dynamically allocated so that any memory not used for storing cardholder records is available to store events and transactions. Even with full use of the cardholder record memory, a minimum of 1,000 transactions may be stored for subsequent upload to the server where they can be archived for future retrieval and report generation.

### *Supervised inputs/relay outputs*

Onboard programmable relays are provided on each panel, and can include supervised inputs for door contacts, motion detectors, glassbreak sensors, and other alarm devices, as well as request-to-exit devices and electric door hardware. The ACURT panels also provide programmable auxiliary relays (outputs) for interface with other building systems.

I/O capability can be expanded through the use of RIM and RRM modules connected remotely through an RS-485 interface. This reduces wiring and installation cost by putting your alarm monitor points and control relays where they are needed.

The panels also support elevator control, antipassback, and programmable input to output linking. This gives them a level of flexibility unmatched by any other access control unit.

### *LAN connection or dialup option*

Onboard 10Base-T LAN connection is standard and also supports a RS-485 connection for multiple dropping of additional panels using a single IP address. Optional dialup works for remote database download, historical activity, and alarm reporting.

If an ACURT2 or ACURT4 is connected to the server through a LAN/WAN or dialup connection, additional ACURT units may be connected via multidrop RS-485. This reduces cost and number of IP addresses or dialup connections required for the facility.

### *Instant Access*

Instant Access ensures that there is no waiting for access during the download of information to the field panels, because that information is stored in the local memory.

### *Data Guard*

Data Guard is a unique download utility that eliminates the potential for database corruption during downloads to field panels.

### *Local antipassback*

Local antipassback feature is a method of preventing an ID device from gaining access to an area more than once, without it first being used to exit from that area.

### *Flash memory*

Operating firmware is stored in flash memory for easy updates from the PC—no need to go to each panel and replace chips. Updates can occur over the LAN/WAN, RS-485, RS-232, and dialup connections.

### *Construction and design*

Each unit is mounted in a sturdy sheet metal enclosure with a removable hinged door, a keyed lock, and a cabinet tamper switch for ease of installation and service as well as security. Connection diagram overlays allow for easier wiring and installation as well as viewing of system diagnostic LEDs

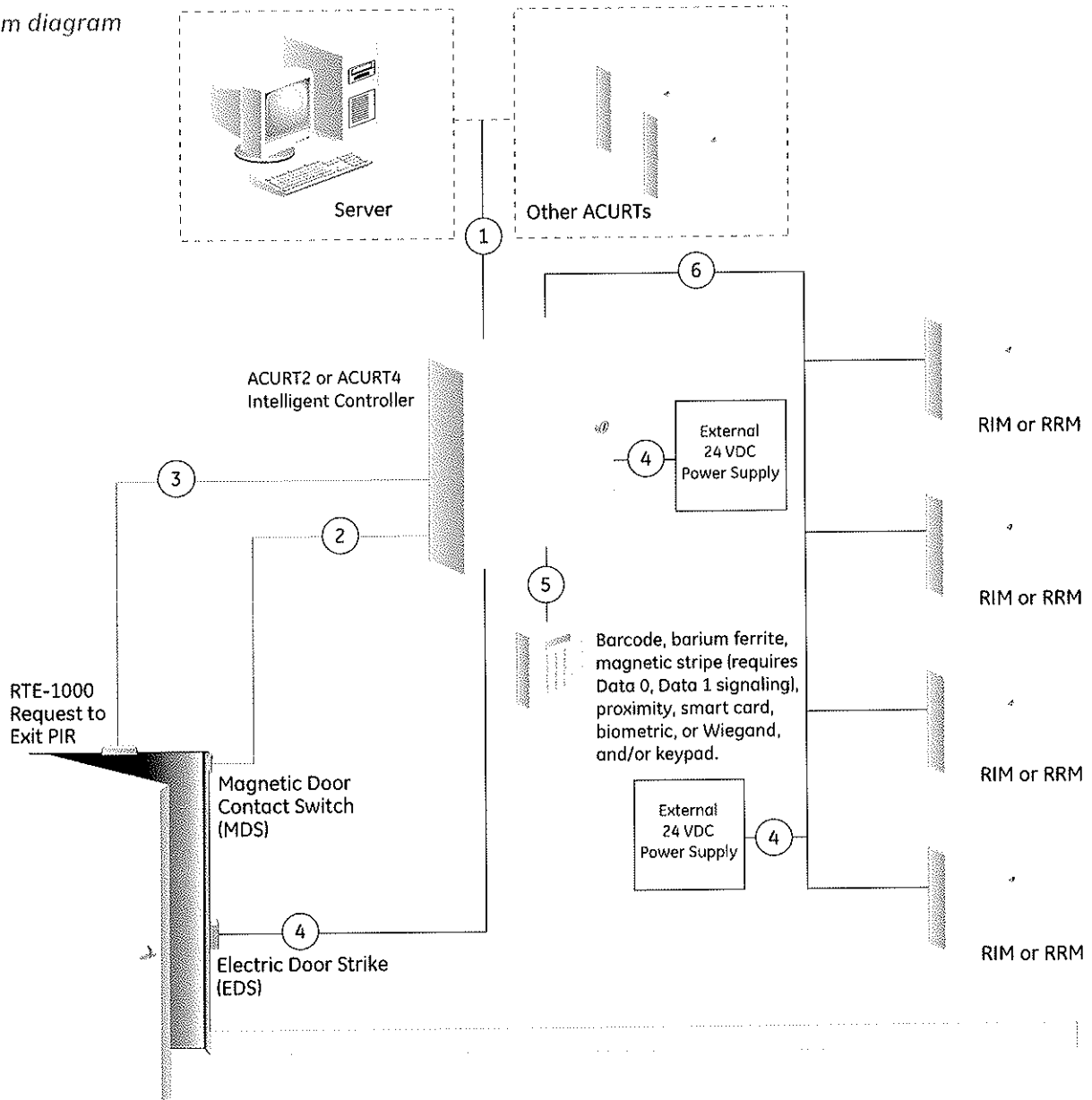
### *Battery backup and power supplies*

An onboard battery charger with batteries maintains the ACURT board and direct-connected readers in the event of a power failure.

These backup batteries supply power to the unit, readers, and the built-in communication devices such as the LAN/WAN, serial communication ports, and optional dialup modem.

A plugin transformer is also included with each unit. If desired, an external power supply (UL-UPS-24V) can be added for door strikes, and for external ACU expansion modules, readers, and devices.

System diagram



Cable Details (for above diagram)

No.	Description	Belden cable number (or equal)	Maximum distance
1	Communication (RS-485)	#9842 or Alpha #6222C, 24 AWG, 2-pair, individual shields, braid overall shield	4,000 ft. (1,200 m) end-to-end
or	10Base-T LAN	Category 5 (4 PR)	or 328 ft. (100 m)
2	Door contact input	#9407-22 AWG, 2-conductor (unshielded)	1,000 ft. (305 m)
3	Exit request sensor input	#9407-22 AWG, 2-conductor (unshielded) 2 additional conductors required if sensor is powered	1,000 ft. (305 m)
4	Door lock control from controller or external power	#9409-18 AWG, 2-conductor (unshielded)	1,000 ft. (305 m)
5	Standard reader	#9514-22 AWG, 4 twisted pairs with overall shield and drain wire	500 ft. (152 m)
6	Communications (RS-485) to remote modules	#9842 or Alpha #6222C, 24 AWG, 2-pair, individual shields, braid overall shield	4,000 ft. (1,200 m) end-to-end



# Specifications

Americas  
503-885-5700  
888-GE-SECURITY  
(437-3287)  
info@gesecurity.com  
www.gesecurity.com

Asia  
tel 852-2907-8108  
fax 852-2142-5063

Australia  
tel 61-3-9259-4700  
fax 61-3-9259-4799

Europe  
tel 32-2-725-11-20  
fax 32-2-721-86-13

Latin America  
tel 305-593-4301  
fax 305-267-4300

## Features

- Reader support: 2 for ACURT2, 4 for ACURT4
- Memory: 16MB RAM with battery backup; flash ROM
- Processor: 32-bit Motorola ColdFire
- Communication: Onboard COM ports (RS-232, RS-485, LAN/WAN)
- Event buffer: 250,000 events
- Elevator control: Yes

## Electrical

- Input power: 24 VAC @40 VA
- Battery backup: 24 VAC (batteries included)
- Optional 24 VDC 2.5 A external power supply

## Environmental

- Operating temperature: 32 to 150°F (0 to 65°C)
- Relative humidity: 0 to 95%

## Physical

- Dimensions (HxWxD): 16.25 x 16.375 x 4.125 in. (413 x 416 x 105 mm)
- Weight (with batteries): 19 lb. (8.6 kg)
- Weight (without batteries): 16 lb. (7.3 kg)

# Ordering information

## Panels

Each panel includes enclosure, transformer, and backup batteries

ACURT2	Two-reader control panel with 16MB RAM, LAN port
ACURT4	Four-reader control panel with 16MB RAM, LAN port

## Expansion Kits

Each kit includes ACURT panel, enclosure, readers, plugin transformer, and backup batteries

ACURT2-EX-PP	Two-reader control panel with two TPZ-RPP2-60 readers
ACURT2-EX-MU	Two-reader control panel with two TPZ-RPP2-50 (million) readers
ACURT4-EX-PP	Four-reader control panel with four TPZ-RPP2-60 readers
ACURT4-EX-MU	Four-reader control panel with four TPZ-RPP2-50 (million) readers

## Hardware

TPZ-RIM-1	Remote 16-Input Module with enclosure and lock
TPZ-RRM-1	Remote 16-Relay Output Module with enclosure and lock
DIAL UP KIT	Dial-up kit for ACURT2s

## System Kits

Each kit includes cards, readers, ACURT panel, RS-232 to RS-485 converter, plugin transformer, Topaz software, and backup batteries

TPZ-SYS-A	Two-reader system (two TPZ-RPP2-60 readers)
TPZ-SYS-B	Two-reader system (two TPZ-RPP2-50 million readers)
TPZ-SYS-C	Four-reader system (four TPZ-RPP2-60 readers)
TPZ-SYS-D	Four-reader system (four TPZ-RPP2-50 million readers)

## Power supplies/converters

UL-UPS-24V	UL 24 V, 2.5 A battery backup power supply
TPZ-NCIC-5C	RS-232 to RS-485 converter

## Reader

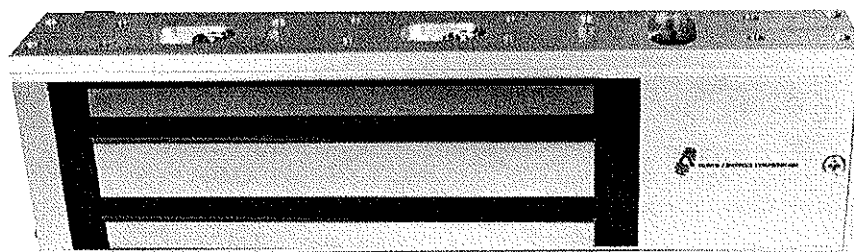
TPZ-RPP2-50	MiniProx reader
TPZ-RPP2-60	ProxPoint reader

Additional Topaz parts are listed in the price guide.

# MODEL 1200LB

1200 POUND MAGNETIC LOCK

WITH LED, BOND SENSOR & DOOR STATUS SENSOR



- 1200 POUND MINIMUM HOLDING FORCE
- MAGNET SIZE: 10-1/2" L x 2-7/8" H x 1-1/2" W
- ARMATURE SIZE: 7-3/8" L x 2-3/8" W x 9/16" D
- 12 OR 24 VOLTS DC, JUMPER SELECTABLE
- 400 MA. @ 12 VDC, 200 MA. @ 24 VDC
- BI-COLOR LED, S.P.D.T. 3A. RELAY CONTACTS
- SIGNALS A POWERED & SECURELY SEALED DOOR
- CLEAR ANODIZED U.S. 28 FINISH STANDARD
- ALL NON-ALUMINUM PARTS ARE PLATED



**ALARM CONTROLS CORPORATION**

19 BRANDYWINE DRIVE DEER PARK, NY 11729

1 631 586-4220 1 800 645-5538

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# MOUNTING BRACKETS

FOR EVERY INSTALLATION REQUIREMENT

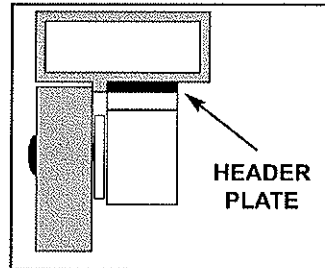
## MODELS AM 3300 & AM 6300

1/2" HEADER PLATES FOR MAGNETIC LOCKS

LOWERS MAGNETIC LOCK BY 1/2"

**MODEL AM 3300**  
FOR 600 SERIES  
1" W x 9 7/8" L

**MODEL AM 6300**  
FOR 1200 SERIES  
1 1/2" W x 10 1/2" L



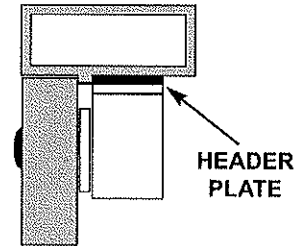
## MODEL AM 3331 & AM 6331

1/4" HEADER PLATES FOR DOUBLE LOCKS

LOWERS MAGNETIC LOCK BY 1/4"

**MODEL AM 3331**  
FOR MODEL 600D SERIES

**MODEL AM 6331**  
FOR MODEL 1200D SERIES



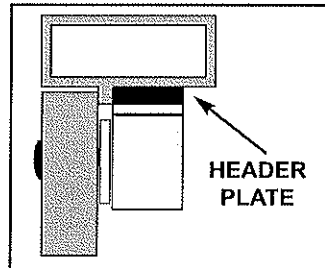
## MODELS AM 3305 & AM 6305

5/8" HEADER PLATES FOR MAGNETIC LOCKS

LOWERS MAGNETIC LOCK BY 5/8"

**MODEL AM 3305**  
FOR 600 SERIES  
1" W x 9 7/8" L

**MODEL AM 6305**  
FOR 1200 SERIES  
1 1/2" W x 10 1/2" L



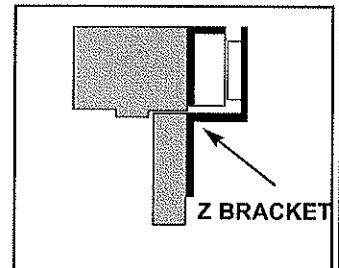
## MODELS AM 3370 & AM 6370

6 PC. Z-BRACKETS FOR SINGLE MAGNETIC LOCKS

FOR USE ON IN-SWINGING DOORS

**MODEL AM 3370**  
FOR 600 SERIES

**MODEL AM 6370**  
FOR 1200 SERIES



## MODELS AM 1500, AM 3330 & AM 6330

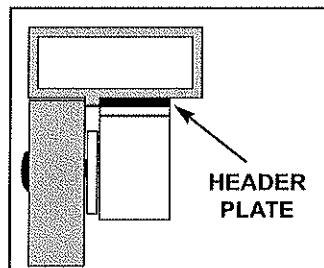
1/4" HEADER PLATES FOR SINGLE LOCKS

LOWERS MAGNETIC LOCK BY 1/4"

**MODEL AM 1500**  
FOR 300 SERIES  
13/16" W x 6 11/16" L

**MODEL AM 3330**  
FOR 600 SERIES  
1" W x 9 7/8" L

**MODEL AM 6330**  
FOR 1200 SERIES  
1 1/2" W x 10 1/2" L



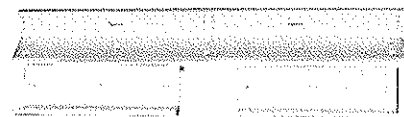
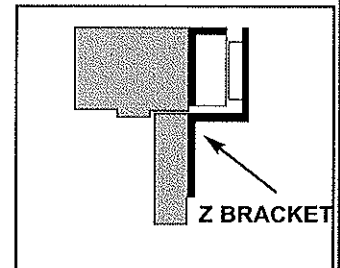
## MODELS AM 3375 & AM 6375

4 PC. Z-BRACKETS FOR DOUBLE MAGNETIC LOCKS

FOR USE ON IN-SWINGING DOORS

**MODEL AM 3375**  
FOR 600 SERIES

**MODEL AM 6375**  
FOR 1200 SERIES



# MOUNTING BRACKETS

FOR EVERY INSTALLATION REQUIREMENT

## MODEL AM 3310 & AM 6310

ARMATURE HOUSINGS FOR MAGNETIC LOCKS

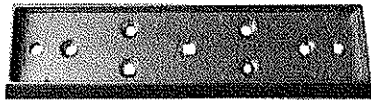
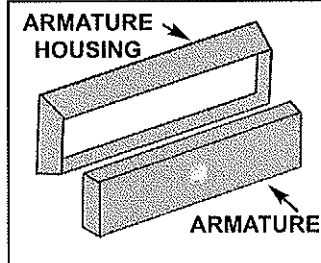
FOR USE ON FREEZER & EXTRA THICK DOORS

**MODEL AM 3310**  
FOR 600 SERIES

2 1/8" W x 7 7/8" L x 9/16" H

**MODEL AM 6310**  
FOR 1200 SERIES

3" W x 8 1/4" L x 9/16" H

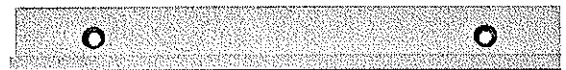
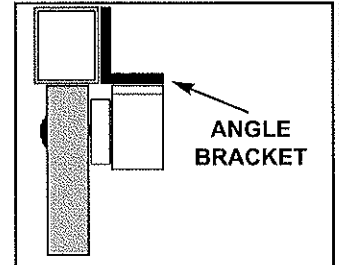


## MODEL AM 6320

ANGLE BRACKET FOR MAGNETIC LOCKS

USE TO EXTEND THE DOOR HEADER

FOR 600 AND 1200  
SERIES MAGNETIC  
LOCKS



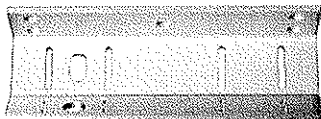
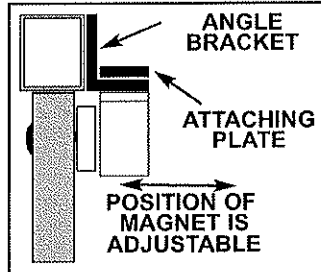
## MODELS AM 3325 & AM 6325

ADJUSTABLE ANGLE BRACKETS

USE TO EXTEND THE DOOR HEADER

**MODEL AM 3325**  
FOR 600 SERIES

**MODEL AM 6325**  
FOR 1200 SERIES



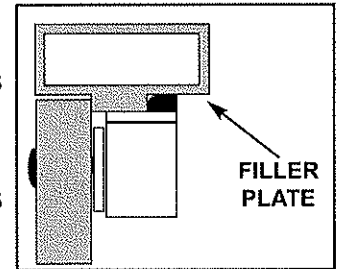
## MODELS AM 6360 & AM 6361

FILLER PLATES FOR MAGNETIC LOCKS

USE WHEN DOOR STOP IS NARROW

**MODEL AM 6360**  
FOR 600 & 1200 SERIES  
3/4" W x 10 1/2" L x 5/8" H

**MODEL AM 6361**  
FOR 600 & 1200 SERIES  
1/2" W x 10 1/2" L x 1/2"



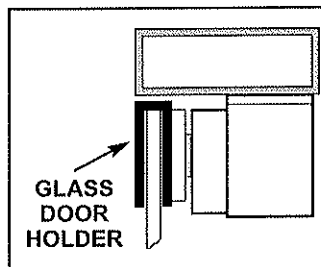
## MODEL GDH

GLASS DOOR ARMATURE HOLDER

USE TO MOUNT ARMATURE ON GLASS DOOR

COMPRESSION MOUNTS  
ARMATURE ON FRAMLESS  
GLASS DOORS

ACCOMODATES  
600 AND 1200 SERIES



## MISCELLANEOUS PARTS

FOR 600 AND 1200 SERIES LOCKS

USE TO MOUNT ARMATURE ON THICK DOORS

LONG ARMATURE BOLT

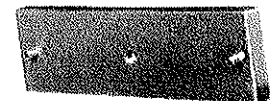
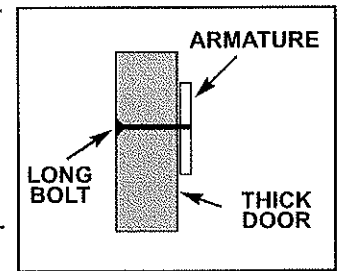
**MODEL AM 6340**  
SIZE: 8 MM x 2"  
FLAT SOCKET HEAD



USE WHEN ADDITIONAL  
ARMATURES ARE  
NEEDED

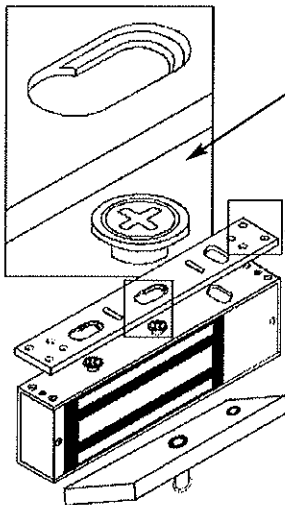
**MODEL AM 3335**  
FOR 600 SERIES

**MODEL AM 6335**  
FOR 1200 SERIES



# U.L. LISTED MAGNETIC LOCKS FOR ALL ACCESS CONTROL APPLICATIONS

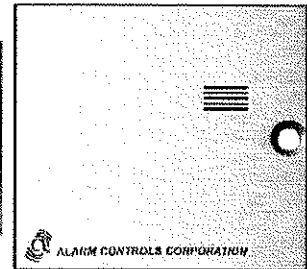
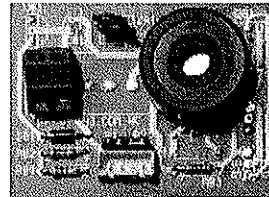
## E-Z MOUNT DESIGN FOR SUPERIOR FASTENING



THE ENHANCED ATTACHING DESIGN MAKES THE LOCK MOUNTING QUICK AND EASY.

DOUBLE MOUNTING SCREW DESIGN PROVIDES A STRONGER ATTACHING FORCE.

## MODEL JBS-1/JBS-2 AUDIO INDICATOR MODULES



THIS MODULE WILL SOUND AS A MAGNETIC LOCK IS BEING UN-LOCKED. AFTER POWER IS REMOVED FROM LOCK, A THREE TO FIVE SECOND TONE WILL EMANATE FROM THE MODULE INSIDE THE LOCK INDICATING THAT THE LOCK IS UN-LOCKED. THIS MODULE WILL OPERATE ON THE STANDARD TWO WIRE CONNECTION TO THE LOCK. NO ADDITIONAL WIRING IS REQUIRED.

- JBS-1 FOR 1200 SERIES, JBS-2 FOR 600 SERIES
- SOUND LEVEL 80 db @ 3 FEET
- MODULE REPLACES EXISTING CIRCUIT BOARD
- VENTED COVER SUPPLIED

ALARM CONTROLS CORPORATION MAGNETIC LOCKS ARE MANUFACTURED TO RIGID STANDARDS AND ARE ASSEMBLED WITH THE FINEST MATERIALS AND WORKMANSHIP.

ALL MAGNETIC LOCKS HAVE A LIMITED LIFETIME WARRANTY, AND WILL BE REPAIRED OR REPLACED DUE TO DEFECTS IN MATERIAL OR WORKMANSHIP.

THE 600 AND 1200 SERIES MAGNETIC LOCKS ARE U.L. AND CANADA U.L. LISTED. THE LOCKS CONFORM TO U.L. 10B, 10C FOR USE ON SWINGING TYPE FIRE DOORS AND CONVENTIONAL DOORS. ALSO CLASSIFIED IN ACCORDANCE WITH UNIFORM BUILDING CODE STANDARD 7-2, FIRE TEST OF DOOR ASSEMBLIES.

A COMPLETE LINE OF STANDARD AND CUSTOM REQUEST TO EXIT STATIONS ARE AVAILABLE.

## IMPORTANT FEATURES

- ALL MAGNETIC LOCKS HAVE A LIMITED LIFETIME WARRANTY
- MAGNETIC LOCKS ARE SUPPLIED WITH A THREAD LOCKING AGENT TO INSURE SECURE ATTACHMENT
- MAGNETIC LOCKS ARE SUPPLIED WITH BOTH WOOD SCREWS AND SELF-TAPPING SHEET METAL SCREWS
- ALL MAGNETIC LOCKS OPERATE ON 12 OR 24 VDC
- ALL MAGNETIC LOCKS HAVE A LOW CURRENT DRAW
- INSTANT RELEASE, NO RESIDUE MAGNETISM
- ALL NON-ALUMINUM PARTS ARE PLATED
- CLEAR ANODIZED US 28 FINISH STANDARD, DURONIC US 40 FINISH AVAILABLE.

# ALARM CONTROLS CORPORATION

"QUALITY SECURITY EQUIPMENT SINCE 1971"

19 BRANDYWINE DRIVE, P.O. BOX 280, DEER PARK, NEW YORK 11729

1 800 645-5538 631 586-4220 FAX 631 586-6500

EMAIL: INFO@ALARMCONTROLS.COM WWW.ALARMCONTROLS.COM

# MAGNETIC LOCK INSTALLATION INSTRUCTIONS

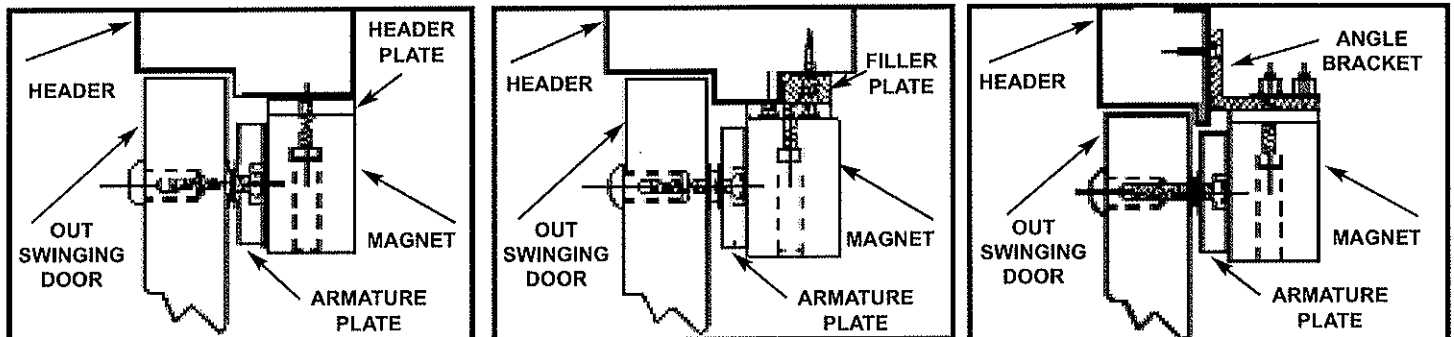
## PLEASE READ BEFORE INSTALLATION

ALARM CONTROLS CORPORATION OFFERS A COMPLETE LINE OF MAGNETIC LOCKS AND ACCESSORY ITEMS TO ASSIST THE INSTALLER IN MANAGING EVERY APPLICATION.

THE MAGNETIC LOCK IS DESIGNED TO MOUNT TO THE DOOR FRAME ON THE STOP SIDE OF THE DOOR IN A TYPICAL OUTSWINGING DOOR INSTALLATION, (SEE PAGE 2 FOR INSWINGING DOOR INSTALLATION). SUFFICIENT HEADER SPACE MUST BE AVAILABLE TO MOUNT THE MAGNETIC LOCK TO INSURE A SAFE AND SECURE INSTALLATION.

1. NOTE TYPE OF DOOR FRAME HEADER AND INSTALL FILLER PLATE OR ANGLE BRACKET AS REQUIRED TO PROVIDE A FLAT MOUNTING SURFACE ON THE DOOR HEADER THE ENTIRE LENGTH OF THE MAGNETIC LOCK.

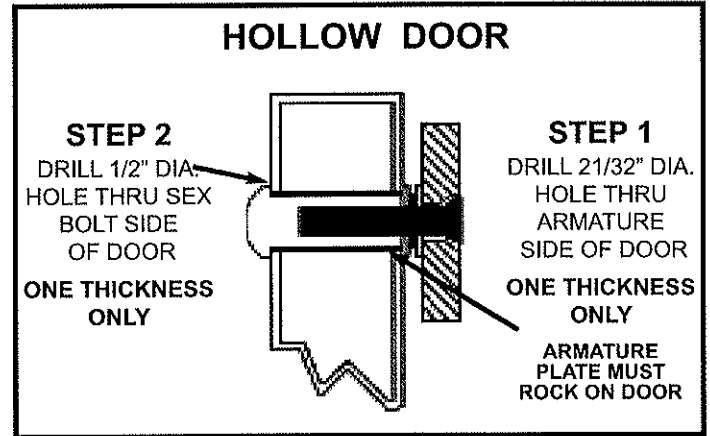
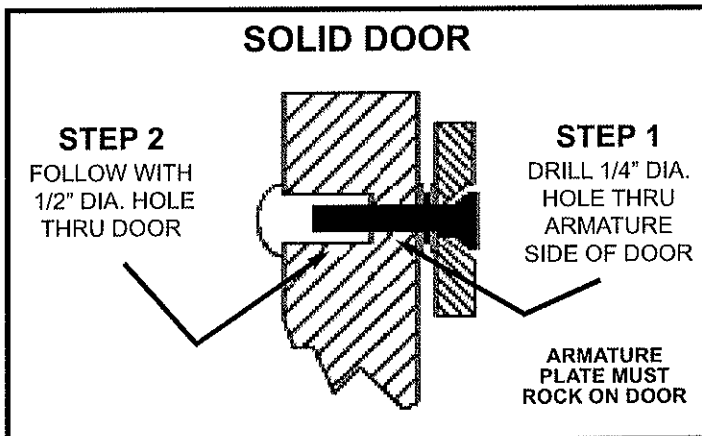
## OUTSWINGING DOOR INSTALLATION



2. FOLD TEMPLATE ON DOTTED LINE TO FORM A 90 DEGREE ANGLE. TAPE TEMPLATE AGAINST DOOR HEADER WITH DOOR IN A CLOSED POSITION 1" FROM DOOR FRAME OPPOSITE HINGE SIDE OF DOOR JAMB. FOR A PAIR OF DOUBLE DOORS PLACE TEMPLATE AT THE CENTER OF THE DOOR OPENING. TRANSFER HOLE LOCATIONS TO DOOR AND FRAME HEADER, (SEE TEMPLATE INSTRUCTIONS).
3. FOLLOW TEMPLATE INSTRUCTIONS FOR HOLE SIZES. USE THE ILLUSTRATIONS BELOW TO DETERMINE THE PROPER HOLE PREPARATION FOR THE ARMATURE PLATE ACCORDING TO THE DOOR TYPE IN THE INSTALLATION.

THE INCLUDED HARDWARE PACKAGE CONTAINS ALL NECESSARY ITEMS TO COMPLETE THE INSTALLATION.

**TO REMOVE THE HEADER PLATE INSERT HEX KEY INTO HOLES LOCATED AT THE BOTTOM OF LOCK ON THE RIGHT AND LEFT SIDE AND UN-SCREW THE CAP SCREWS**



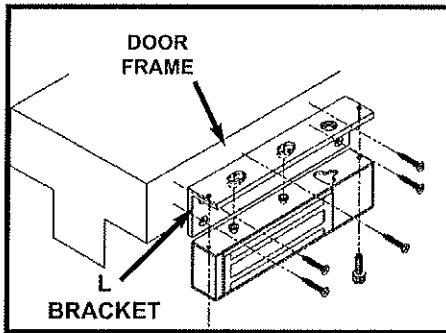
**ALARM CONTROLS CORPORATION**

19 BRANDYWINE DRIVE P.O. BOX 280

DEER PARK, NY 11729

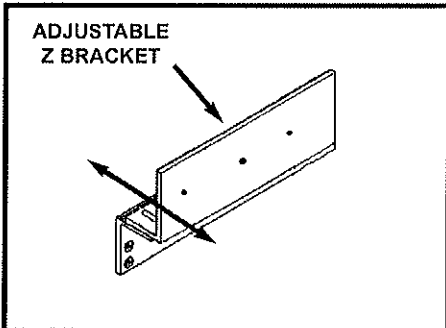
800 645-5538 WWW.ALARMCONTROLS.COM

## INSWINGING DOOR INSTALLATION WITH L- Z BRACKET



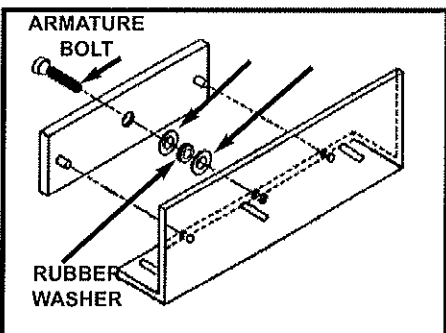
### STEP 1

FASTEN THE L BRACKET ON THE DOOR FRAME IN A SUITABLE LOCATION.  
MOUNT THE MAGNETIC LOCK TO THE L BRACKET.  
MAKE SURE THAT THE MAGNETIC LOCK DOES NOT OBSTRUCT THE CLOSING OF THE DOOR.  
CONNECT THE CORRECT VOLTAGE TO THE MAGNET.



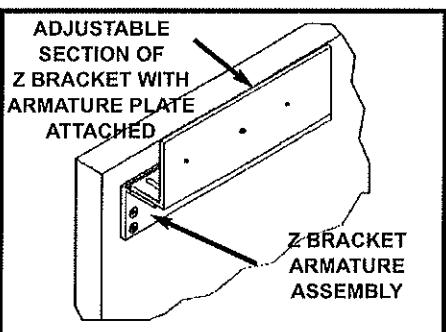
### STEP 2

ASSEMBLE THE Z BRACKET WITH THE SOCKET HEAD CAP SCREWS PROVIDED. DO NOT TIGHTEN THE CAP SCREWS AT THIS TIME. THE Z BRACKET MUST BE ADJUSTABLE.



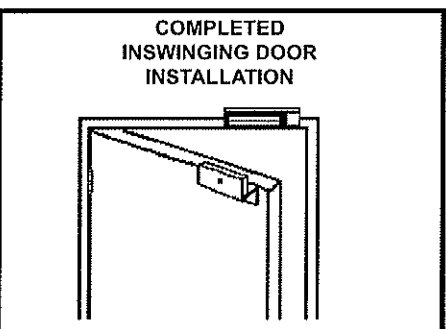
### STEP 3

MOUNT THE ARMATURE PLATE TO THE ADJUSTABLE SECTION OF THE Z BRACKET WITH THE ARMATURE BOLT. DO NOT REMOVE THE RUBBER WASHER ATTACHED TO THE ARMATURE BOLT.  
USE ONE RUBBER WASHER BETWEEN TWO METAL WASHERS ON THE ARMATURE BOLT. THE WASHER ASSEMBLY MUST BE BETWEEN THE ARMATURE PLATE AND THE ADJUSTABLE SECTION OF THE Z BRACKET.  
APPLY THE SCREW LOCKING AGENT TO THE ARMATURE BOLT.  
DO NOT OVER TIGHTEN. ARMATURE MUST ROCK TO ALIGN WITH THE MAGNET.



### STEP 4

CLOSE THE DOOR AND ALIGN THE ARMATURE PLATE TO THE MAGNET AND APPLY POWER TO THE MAGNET. LET THE ARMATURE PLATE BOND TO THE MAGNET. BE SURE THE Z BRACKET ASSEMBLY IS FIRMLY AGAINST THE CLOSED DOOR.  
TIGHTEN THE CAP SCREWS HOLDING THE Z BRACKET ARMATURE PLATE ASSEMBLY.  
FASTEN THE Z BRACKET ASSEMBLY TO THE DOOR WITH THE SCREWS SUPPLIED.



### STEP 5

CHECK THE COMPLETED ALIGNMENT AND INSTALLATION OF THE MAGNET AND ARMATURE PLATE BY OPENING AND CLOSING THE DOOR BY ENERGIZING AND DE-ENERGIZING THE MAGNETIC LOCK SEVERAL TIMES.  
THIS WILL INSURE THAT THE CORRECT OPERATION AND ALIGNMENT OF THE MAGNETIC LOCK HAS BEEN PROPERLY INSTALLED.

## MAGNETIC LOCK L / Z BRACKETS FOR INSWINGING DOORS

AM2370 FOR 300 POUND MAGNETIC LOCK

AM3370 FOR ALL 600 POUND MODELS OF SINGLE MAGNETIC LOCKS

AM6370 FOR ALL 1200 POUND MODELS OF SINGLE MAGNETIC LOCKS

AM3375 FOR ALL 600 POUND MODELS OF DOUBLE MAGNETIC LOCKS

AM6375 FOR ALL 1200 POUND MODELS OF DOUBLE MAGNETIC LOCKS

## MAGNETIC LOCK CARE AND MAINTENANCE

MAGNETIC LOCKS HAVE NO INTERNAL MOVING PARTS AND REQUIRE A MINIMUM AMOUNT OF MAINTENANCE.

IT IS RECOMMENDED THAT THE FACE OF THE ARMATURE PLATE AND MAGNET BE WIPED CLEAN AND A LIGHT COATING OF A SUITABLE SILICONE LUBRICANT BE APPLIED TO EACH SURFACE TO PREVENT RUST ALTHOUGH THE MATING SURFACES HAVE BEEN PLATED. THIS ONLY NEEDS TO BE DONE WHEN DIRT BUILD-UP IS NOTICED.

THE ARMATURE PLATE BOLT AND THE HEX HEAD SCREWS HOLDING THE MAGNET TO HEADER PLATE SHOULD BE CHECKED EVERY THREE MONTHS TO INSURE A SAFE AND SECURE INSTALLATION.

## MAGNETIC LOCK ELECTRICAL SPECIFICATIONS

300 POUND MODEL SINGLE MAGNETIC LOCK, 250 MA. @ 12 VDC, 130 MA. @ 24 VDC

ALL 600 POUND MODELS OF SINGLE MAGNETIC LOCK, 400 MA. @ 12 VDC, 200 MA. @ 24 VDC

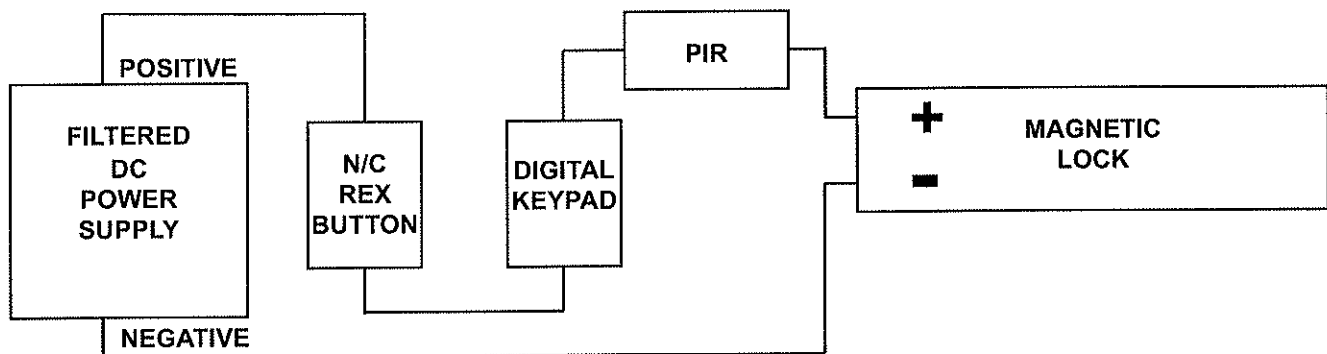
ALL 1200 POUND MODELS OF SINGLE MAGNETIC LOCK, 400 MA. @ 12 VDC, 200 MA. @ 24 VDC

ALL 600 POUND MODELS OF DOUBLE MAGNETIC LOCKS, 400 MA. @ 12 VDC, 200 MA. @ 24 VDC, EACH LOCK

ALL 1200 POUND MODELS OF DOUBLE MAGNETIC LOCKS, 400 MA. @ 12 VDC, 200 MA. @ 24 VDC, EACH LOCK

ALL MAGNETIC LOCKS ARE SET AT THE FACTORY FOR 24 VDC

## TYPICAL MAGNETIC LOCK WIRING



# WIRE GAUGE CHART

## DISTANCE FROM POWER SUPPLY TO MAGNETIC LOCK

D C C U R R E N T	12 VDC	50 FEET	100 FEET	150 FEET	200 FEET	300 FEET	400 FEET	500 FEET	750 FEET	1000 FEET
	24 VDC									
200 MA.		24 GA.	22 GA.	22 GA.	22 GA.	20 GA.	18 GA.	18 GA.	16 GA.	14 GA.
		24 GA.	24 GA.	24 GA.	22 GA.	22 GA.	22 GA.	20 GA.	20 GA.	18 GA.
300 MA.		24 GA.	22 GA.	22 GA.	20 GA.	18 GA.	18 GA.	16 GA.	14 GA.	14 GA.
		24 GA.	24 GA.	22 GA.	22 GA.	22 GA.	20 GA.	20 GA.	18 GA.	16 GA.
400 MA.		22 GA.	22 GA.	20 GA.	18 GA.	18 GA.	16 GA.	14 GA.	14 GA.	12 GA.
		24 GA.	22 GA.	22 GA.	22 GA.	20 GA.	18 GA.	18 GA.	16 GA.	14 GA.
600 MA.		22 GA.	20 GA.	18 GA.	18 GA.	16 GA.	14 GA.	14 GA.	12 GA.	10 GA.
		24 GA.	22 GA.	22 GA.	20 GA.	18 GA.	18 GA.	16 GA.	14 GA.	14 GA.
800 MA.		22 GA.	18 GA.	18 GA.	16 GA.	14 GA.	12 GA.	10 GA.	10 GA.	8 GA.
		22 GA.	22 GA.	20 GA.	18 GA.	18 GA.	16 GA.	14 GA.	14 GA.	12 GA.
1 AMP.		20 GA.	18 GA.	16 GA.	14 GA.	14 GA.	12 GA.	10 GA.	10 GA.	8 GA.
		22 GA.	20 GA.	20 GA.	18 GA.	16 GA.	14 GA.	14 GA.	12 GA.	10 GA.

## TROUBLE SHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
LOCK BUZZES	AC VOLTAGE CONNECTED TO LOCK AC RIPPLE IN POWER SUPPLY	SUPPLY DC VOLTAGE TO LOCK REPLACE POWER SUPPLY
INSUFFICIENT HOLDING FORCE	INCORRECT INPUT VOLTAGE  LOW INPUT VOLTAGE  MISALIGNMENT OF ARMATURE PLATE  ARMATURE PLATE SCREWED TIGHT TO DOOR  WRONG HARDWARE ASSEMBLY	CHECK VOLTAGE JUMPER POSITION FOR CORRECT VOLTAGE SETTING <b>LOCK SET AT FACTORY FOR 24 VDC</b>  CHECK POWER SUPPLY VOLTAGE WIRE GAUGE INCORRECT FOR WIRE RUN  ARMATURE PLATE MUST COVER ALL MAGNETIC POLES OF LOCK  ARMATURE PLATE MUST ROCK ON DOOR TO ALIGN WITH LOCK  A METAL WASHER, RUBBER WASHER AND METAL WASHER MUST BE BETWEEN DOOR AND ARMATURE PLATE
DOOR DOES NOT LOCK	NO POWER TO DOOR	CHECK POWER AT LOCK CHECK POWER SUPPLY CHECK ALL CONNECTIONS
DOOR STATUS SENSOR NOT WORKING (APPLICABLE MODELS)	MAGNET IN ARMATURE PLATE NOT ALIGNED WITH LOCK	ALIGN MAGNET IN ARMATURE PLATE WITH DOOR STATUS SENSOR DOT ON LOCK

# MAGNETIC LOCK WIRING INSTRUCTIONS

## MODELS WITH BOND SENSOR & DOOR STATUS SENSOR

### 600LB, 600DLB, 1200LB, 1200D

#### IMPORTANT ON ALL MODELS

REMOVE TERMINAL COVER SCREW  
TO ACCESS HEADER MOUNTING SCREW

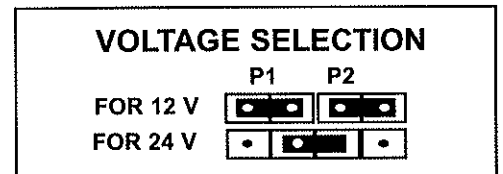
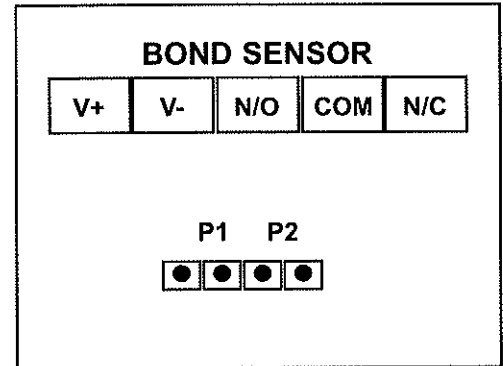
#### WIRING INSTRUCTIONS

CONNECT POSITIVE LOCK POWER  
TO V+ TERMINAL  
CONNECT NEGATIVE LOCK POWER

#### OPERATION OF BOND SENSOR AND LED

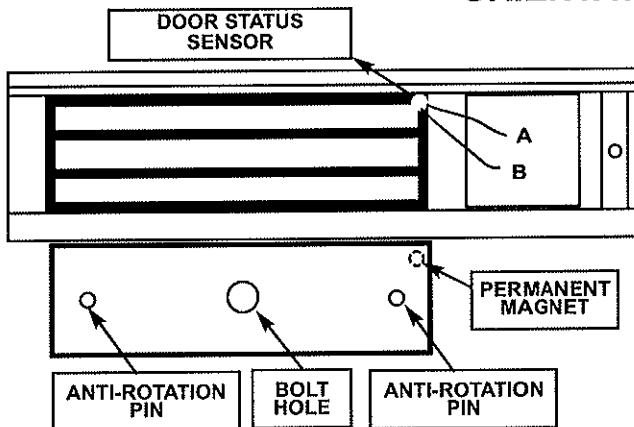
THE BOND SENSOR DETECTS WHEN THE MAGNETIC LOCK IS  
POWERED AND DOOR IS CLOSED.

DOOR OPEN, LOCK NOT POWERED: RELAY "OFF" LED "OFF"  
DOOR CLOSED, LOCK POWERED: RELAY "ON" LED "GREEN"  
DOOR CLOSED, LOCK NOT POWERED: RELAY "OFF" LED "OFF"  
DOOR OPEN, LOCK POWERED: RELAY "OFF" LED "RED"



**VOLTAGE IS FACTORY  
SET FOR 24 VDC**

#### ORIENTATION OF THE MAGNET AND ARMATURE



INSTALL THE MAGNET AND ARMATURE PLATE AS SHOWN.  
IF NOT POSITIONED AS SHOWN THE OPERATION OF THE  
SENSOR OUTPUT WILL BE AFFECTED.

#### DOOR STATUS SENSOR

THE DOOR STATUS SENSOR, (REED SWITCH), IS  
NORMALLY-OPEN.

WHEN THE ARMATURE PLATE IS AGAINST THE MAGNET  
THE CONTACTS ARE CLOSED.

THE TWO WHITE/GREEN LEADS, (A,B), ARE FOR THE  
DOOR STATUS SENSOR.

WHEN MOUNTING ARMATURE PLATE ON DOOR RUBBER  
WASHER MUST BE PLACED BETWEEN METAL WASHERS.  
DO NOT EXCESSIVELY TIGHTEN SEX BOLT. ARMATURE MUST  
FLOAT ON DOOR. THREAD LOCKING AGENT SHOULD BE USED.



**ALARM CONTROLS CORPORATION**  
DEER PARK, NEW YORK 11729

PH: 1 800 645-5538 FAX: 1 631 586-6500 EMAIL: INFO@ALARMCONTROLS.COM  
WEBSITE: WWW.ALARMCONTROLS.COM





State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
 MMB11028

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 ROBERTA WAGNER  
 304-558-0067

RFQ COPY

TYPE NAME/ADDRESS HERE

HEALTH AND HUMAN RESOURCES

MILDRED MITCHELL-BATEMAN  
 HOSPITAL  
 1530 NORWAY AVENUE  
 HUNTINGTON, WV  
 25705 304-525-7801

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
11/10/2010				

BID OPENING DATE: 12/23/2010 BID OPENING TIME: 01:30PM

LINE	QUANTITY	UCP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** PLEASE NOTE: BID BOND AND DRUG-FREE WORKPLACE AFFIDAVIT ARE REQUIRED WITH THE BID SUBMISSION. ***** MANDATORY PRE-BID MEETING ON 12/6/2010 AT 11:00 AM IN THE ADMINISTRATION CONFERENCE ROOM AT MILDRED MITCHELL- BATEMAN HOSPITAL AT 1530 NORWAY AVENUE, HUNTINGTON, WV *****						
0001	1	EA		936-73		
	HARDWARE SERVER, COMPLETE					
0002	4	EA		936-73		
	WORKSTATIONS					
0003	31	EA		936-73		
	PROXIMITY CARD READERS					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Robert Wagner* TELEPHONE: 304-842-6030 DATE: 1-5-2011  
 TITLE: member/wagner FEIN: ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO THIS RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

## GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at [www.state.wv.us/admin/purchase/vrc/hipaa.htm](http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

### INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



State of West Virginia  
 Department of Administration  
 Purchasing Division  
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# Request for Quotation

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 MMB11028

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 2

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
 ROBERTA WAGNER  
 304-558-0067

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

HEALTH AND HUMAN RESOURCES  
 MILDRED MITCHELL-BATEMAN  
 HOSPITAL  
 1530 NORWAY AVENUE  
 HUNTINGTON, WV  
 25705 304-525-7801

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0004	31	EA		936-73 ELECTRONIC DOOR HARDWARE		
0005	31	EA		936-73 SURVEILLANCE CAMERAS		
0006	31	EA		936-73 MAGNETIC DOOR LOCKS		
0007	1	EA		936-73 HARDWARE FOR ACCESS CARD PREPARATION		
0008	1	EA		936-73 PROGRAM INTERFACE		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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0009	1	EA		936-73 OPERATIONAL INTERFACE		
0010	1	EA		936-73 ACCESS CONTROL SYSTEM SOFTWARE		
0011	1	EA		936-73 SOFTWARE FOR PREPARATION OF ACCESS CARDS FOR STAFF		
0012	1	EA		936-73 INSTALATION COST OF HARDWARE AND SOFTWARE.		
0013	1	EA		936-73 BATTERY BACKUP		

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0014	2	EA		936-73		
TWO (2) YEAR WARRANTY FOR SOFTWARE, HARDWARE, LABOR AND PARTS.						
0015	3	EA		936-73		
TRAINING COST						
0016	1,000	EA		936-73		
ACCESS CARD SUPPLIES						
<p>MILDRED MITCHELL-BATEMAN HOSPITAL IS SEEKING BIDS FOR THE PURCHASING AND INSTALLATION OF AN ACCESS CONTROL SYSTEM DESIGNED TO INCLUDE READER IN/READER OUT CAPABILITIES AT THIRTY-ONE (31) EXTERIOR DOOR (MAPS ATTACHED) AT THE FACILITY, PER THE ATTACHED SPECIFICATIONS.</p> <p>INQUIRIES:            WRITTEN QUESTIONS SHALL BE ACCEPTED THROUGH CLOSE OF BUSINESS ON 12/7/2010. QUESTIONS MAY BE</p>						

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PAGE  
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 530 NORWAY AVENUE  
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<p>SENT VIA USPS, FAX, COURIER OR E-MAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNFAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, E-MAIL QUESTIONS ARE PREFERRED. ADDRESS INQUIRIES TO:</p> <p>ROBERTA WAGNER            DEPARTMENT OF ADMINISTRATION            PURCHASING DIVISION            2019 WASHINGTON STREET, EAST            CHARLESTON, WV 25311</p> <p>FAX: 304-558-4115            E-MAIL: ROBERTA.A.WAGNER@WV.GOV.</p> <p>MANDATORY PRE-BID</p> <p>A MANDATORY PRE-BID WILL BE HELD ON 12/6/2010 AT 11:00 AM IN THE ADM CONF. RM AT MILDRED MITCHELL-BATEMAN. ALL INTERESTED PARTIES ARE REQUIRED TO ATTEND THIS MEETING. FAILURE TO ATTEND THE MANDATORY PRE-BID SHALL RESULT I DISQUALIFICATION OF THE BID. NO ONE PERSON MAY REPRESENT MORE THAN ONE BIDDER.</p> <p>AN ATTENDANCE SHEET WILL BE MADE AVAILABLE FOR ALL POTENTIAL BIDDERS TO COMPLETE. THIS WILL SERVE AS THE OFFICIAL DOCUMENT VERIFYING ATTENDANCE AT THE MANDATOR PRE-BID. FAILURE TO PROVIDE YOUR COMPANY AND REPRESENTATIVE NAME ON THE ATTENDANCE SHEET WILL RESULT IN DISQUALIFICATION OF THE BID. THE STATE WILL NOT ACCEPT ANY OTHER DOCUMENTATION TO VERIFY ATTENDANCE. THE BIDDER IS RESPONSIBLE FOR ENSURING THEY HAVE COMPLETED THE INFORMATION REQUIRED ON THE ATTENDANCE</p>						

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PAGE  
 6

ADDRESS CORRESPONDENCE TO ATTENTION OF  
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VENDOR ROOM

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STATE OF WEST VIRGINIA  
 PURCHASING DIVISION

HEALTH AND HUMAN RESOURCES  
 MILDRED MITCHELL-BATEMAN  
 HOSPITAL  
 530 NORWAY AVENUE  
 HUNTINGTON, WV  
 25705 304-525-7801

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<p>SHEET. THE PURCHASING DIVISION AND THE STATE AGENCY WILL NOT ASSUME ANY RESPONSIBILITY FOR A BIDDER-S FAILURE TO COMPLETE THE PRE-BID ATTENDANCE SHEET. IN ADDITION, WE REQUEST THAT ALL POTENTIAL BIDDERS INCLUDE THEIR E-MAIL ADDRESS AND FAX NUMBER.</p> <p>ALL POTENTIAL BIDDERS ARE REQUESTED TO ARRIVE PRIOR TO THE STARTING TIME FOR THE PRE-BID. BIDDERS WHO ARRIVE LATE, BUT PRIOR TO THE DISMISSAL OF THE TECHNICAL PORTION OF THE PRE-BID WILL BE PERMITTED TO SIGN IN. BIDDERS WHO ARRIVE AFTER CONCLUSION OF THE TECHNICAL PORTION OF THE PRE-BID, BUT DURING ANY SUBSEQUENT PART OF THE PRE-BID WILL NOT BE PERMITTED TO SIGN THE ATTENDANCE SHEET.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>EXHIBIT 5</p> <p>WEST VIRGINIA CODE 21-1D-5 PROVIDES THAT: ANY SOLICITATION FOR A PUBLIC IMPROVEMENT CONSTRUCTION CONTRACT REQUIRES EACH VENDOR THAT SUBMITS A BID FOR THE WORK T SUBMIT AT THE SAME TIME AN AFFIDAVIT OF COMPLIANCE WITH THE BID. THE ENCLOSED DRUG-FREE WORKPLACE AFFIDAVIT MUST BE SIGNED AND SUBMITTED WITH THE BID AS EVIDENCE OF THE VENDOR'S COMPLIANCE WITH THE PROVISIONS OF ARTICLE 1D, CHAPTER 21 OF THE WEST VIRGINIA CODE. FAILURE TO SUBMIT THE SIGNED DRUG-FREE WORKPLACE AFFIDAVIT WIT</p>						

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 7

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HEALTH AND HUMAN RESOURCES  
 MILDRED MITCHELL-BATEMAN  
 HOSPITAL  
 530 NORWAY AVENUE  
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<p>THE BID SHALL RESULT IN DISQUALIFICATION OF SUCH BID.</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 120 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR CABELL COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</p> <p>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.</p> <p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p> <p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN</p>						

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<p>THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>( ) BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.</p> <p>(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPCTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.</p> <p>( ) MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.</p> <p>REV. 11/00</p> <p>EXHIBIT 7</p> <p>DOMESTIC ALUMINUM, GLASS &amp; STEEL IN PUBLIC WORKS PROJECTS</p> <p>IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
 MMB11028

PAGE  
 9

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 ROBERTA WAGNER  
 304-558-0067

PROCUREMENT

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HEALTH AND HUMAN RESOURCES  
 MILDRED MITCHELL-BATEMAN  
 HOSPITAL  
 1530 NORWAY AVENUE  
 HUNTINGTON, WV  
 25705 304-525-7801

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
11/10/2010				

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES. IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.</p> <p>FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE .30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.</p> <p>IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS. ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p> <p>EXHIBIT 9</p>						

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# Request for Quotation

RFQ NUMBER  
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PAGE  
 10

ADDRESS CORRESPONDENCE TO ATTENTION OF  
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VENDOR

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SHIP TO

HEALTH AND HUMAN RESOURCES  
 MILDRED MITCHELL-BATEMAN  
 HOSPITAL  
 1530 NORWAY AVENUE  
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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/10/2010				

BID OPENING DATE: 12/23/2010	BID OPENING TIME: 01:30PM
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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>NOTICE FOR ISSUANCE &amp; ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.</p> <p>(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.</p> <p>REV. 11/96</p> <p>EXHIBIT 10</p>						

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# Request for Quotation

RFQ NUMBER  
 MMB11028

PAGE  
 11

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HEALTH AND HUMAN RESOURCES  
 MILDRED MITCHELL-BATEMAN  
 HOSPITAL  
 530 NORWAY AVENUE  
 HUNTINGTON, WV  
 25705 304-525-7801

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/10/2010				

BID OPENING DATE: 12/23/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NOS.:						
NO. 1		X	R X R			
NO. 2						
NO. 3						
NO. 4						
NO. 5						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.						
VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.						
				SIGNATURE		
				COMPANY		
				DATE		
REV. 11/96						

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SIGNATURE		TELEPHONE			DATE	
TITLE		FEIN		ADDRESS CHANGES TO BE NOTED ABOVE		

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# Request for Quotation

HFO NUMBER  
 MMB11028

PAGE  
 12

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 ROBERTA WAGNER  
 304-558-0067

VENDOR

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SHIP TO

HEALTH AND HUMAN RESOURCES  
 MILDRED MITCHELL-BATEMAN  
 HOSPITAL  
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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/10/2010				

BID OPENING DATE: 12/23/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>CONTRACTORS LICENSE</p> <p>WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.</p> <p>WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.</p> <p>BIDDER TO COMPLETE:</p> <p>CONTRACTORS NAME: <i>United Sound + Electronics, LLC</i></p> <p>CONTRACTORS LICENSE NO.: <i>WV009698</i></p> <p>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT</p> <p style="text-align: center;">. APPLICABLE LAW</p> <p>THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULE AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.</p> <p>ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

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State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
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# Request for Quotation

RFQ NUMBER  
**MMB11028**

PAGE  
**13**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
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VENDOR

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SHIP TO

**HEALTH AND HUMAN RESOURCES**  
**MILDRED MITCHELL-BATEMAN**  
**HOSPITAL**  
**1530 NORWAY AVENUE**  
**HUNTINGTON, WV**  
**25705**                      **304-525-7801**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **11/10/2010**                      **12/23/2010**                      BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>REV. 5/2009</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15          2019 WASHINGTON STREET, EAST          CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER:-----RW/FILE 22-----</p> <p>REQ. NO.:-----MMB11028-----</p> <p>BID OPENING DATE:-----12/23/2010-----</p> <p>BID OPENING TIME:-----1:30 PM-----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE \_\_\_\_\_ TELEPHONE \_\_\_\_\_ DATE \_\_\_\_\_

TITLE \_\_\_\_\_ FEIN \_\_\_\_\_ ADDRESS CHANGES TO BE NOTED ABOVE

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**SPECIFICATIONS  
ACCESS CONTROL SECURITY SYSTEM  
MMB11028**

West Virginia Department of Health and Human Resources  
Bureau for Behavioral Health and Health Facilities  
**Mildred Mitchell-Bateman Hospital**  
1530 Norway Avenue  
Huntington, WV 25709

**SPECIFICATIONS**

Mildred Mitchell-Bateman Hospital is seeking bids for the purchase and installation of an access control system designed to include reader in/reader out capabilities at thirty-one (31) exterior doors (maps attached) at the facility.

**GENERAL CONDITIONS**

It is the intent of the Hospital to purchase a complete "access control system" with surveillance cameras for all external doors on campus (5 buildings) plus several internal doors that are curtail for ingress/egress. The vendor must furnish all software, hardware and install the access control system to an operational status.

**SCOPE OF WORK**

Vendor shall provide and install proximity card readers, electronic door hardware and ancillary equipment for thirty-one (31) exterior doors at Mildred Mitchell-Bateman Hospital.

**System requirements:**

1. The hardware equipment must be integrated with vendor provided management software, which will be used by the security office, safety office, maintenance department and the switchboard.
2. The system must tie into the generator which is electronically controlled.
3. The card reader system must be capable of connecting to the existing Edwards EST III fire alarm system and must comply with all the West Virginia Fire Marshal codes and regulations.
4. Proximity card readers must be installed at each of the thirty-one (31) exterior doors.
5. A magnetic lock must be installed at each of the thirty-one (31) exterior doors.
6. Vendor shall provide all computer hardware and software equipment required to run the system.
7. Vendor must provide a system to generate and assign 650 access cards to the staff of the hospital.
8. The system must be capable of expansion and upgrading to include up to a maximum of fifty (50) doors and fifty (50) video cameras (including 8 internal doors). map attached
9. ~~Must have a battery back-up system that can power the product temporarily for fifteen (15) minutes during a power outage.~~
10. System shall have a two (2) year full warranty on all software, hardware, parts and labor.
11. The price must include complete installation and labor for the project at minimum prevailing wages for Cabell County if applicable.
12. System shall allow for at least three (3) administrator accounts to do maintenance.

13. **Cameras:**



- a. All the cameras shall function as a video surveillance camera with ultra-wide dynamic range in indoor or outdoor applications.
- b. The camera housing shall be constructed of heavy-duty aluminum with a polycarbonate style dome.
  - i. The housing shall have an IP66 rating (Ingress Protection and the rating to specify the strength of the enclosure).
  - ii. The housing shall include a captive shroud to conceal camera position.
  - iii. The housing shall utilize a mechanism to allow for optimization of the field of view in various mounting locations.
- c. The camera shall meet or exceed the following specifications:
  - i. The camera shall have wide dynamic range technology, where each pixel is individually optimized to show details in shadows and highlights.
  - ii. The camera shall have a minimum dynamic range of 95 dB typical and a maximum dynamic range of 120 dB.
  - iii. The signal system shall be NTSC (National Television System Committee) or PAL (Phase Alternating Line) selectable.
  - iv. The scanning system shall be 525/60 for NTSC and 625/50 for PAL.
  - v. The synchronization shall be internal or AC line locks.
  - vi. The overall resolution that the camera provides shall be 540 television lines.
  - vii. The camera shall have 720 horizontal and 540 vertical picture elements NTSC.
  - viii. The signal-to-noise ratio shall be better than 49 dB.
  - ix. The gamma compensation shall be 0.45 NTSC or 0.36 PAL.
  - x. The frame integration shall be between 2x and 32x.
  - xi. The camera shall have color balance and white balance as AWB (AutoWikiBrowser) or ATW-Extend.
  - xii. The camera shall have automatic gain control, fully programmable.
  - xiii. The camera shall have a composite video output.
    - 1. The video output shall be 1.0 V p-p (1 Volt Peak to Peak) at 75-ohm load.
- d. The environmental specifications for the dome shall be as follows:
  - i. Operating temperature shall be -58 to 122 degrees Fahrenheit or -50 to 50 degrees Celsius.

#### 14. Network DVR

##### Minimum requirements

- a. Workstation requirements for memory capacity, hard drive capacity, processor speed, as well as specifying single dual core or dual processors, and multi-monitor displays shall be required with the following minimum specifications.
  - i. Up to 15 frames per second at 2CIF (Common Interchange Format) Resolution.
  - ii. 30 days storage at 7 FPS (Frames per Second) 2 CIF resolution.
  - iii. Software based Integration with Access Control software-video will pop up inside of access software based on alarms. (No hardware integration-software only)
  - iv. Hybrid based-will record up to 50 digital or analog cameras or encoder streams.

- v. View video through IP (Internet Protocol) based browser (Internet Explorer or equal).
  - vi. Must be UL (Underwriters Laboratories) and CE (Copyediting) listed.
  - vii. Internal Dual Layer DVD-RW (digital video disc-rewriteable).
  - viii. Intel (or equal) @Core™i7-975 (3.33GHz, 8MB L3 Cache)
  - ix. 8 GB (gigabyte) RAM.
  - x. 1 Terabyte (unit of measure) (SI (prefix that precedes a basic unit of measure) multiple of the unit byte for digital information storage) HD (hard drive) configurable to be supported by Raid-1 redundancy. Two (2) each.
  - xi. 25-inch LCD display, supporting a minimum 32bit high color at 1440x900 resolution.
  - xii. 1000MB Ethernet Network Interface Card.
  - xiii. Standard 101-key keyboard and 2-button wheel mouse.
- b. Network DVR shall include the following connectors
- i. Accessory I/O (Input and Output) ports
  - ii. RS-485/422 (Bidirectional Convertor). Two (2) each.
  - iii. Alarm input (16)
  - iv. Form C alarm relay (SPDT (single-pole double-throw ) and break the connection with one throw before making contact with the other (break-before-make)). Two (2) each.
  - v. USB (Universal Serial Bus). Three (3) each.
  - vi. Two connectors shall be located on the back panel and one on the front panel.
  - vii. RS-232(Recommended Standard 232) serial port: DB-9 (analog 9-pin plug of the D-Subminiature connector family).
  - viii. Composite video in: BNC (Bayonet Neill-Concelman ) connector (16), looping auto terminating
  - ix. Composite video out, Monitor A: BNC. One (1) each.
  - x. Analog video out Monitor A: VGA (video graphics array). *One (1) each.*
  - xi. Composite video out, Monitor B: BNC. One (1) each.
  - xii. Audio in: RCA (Radio Corporation of America) (or equal). Two (2) each.
  - xiii. Audio out: RCA (or equal). One (1) each.
  - xiv. 1000 Ethernet (the speed our network works at): RJ-45 connector (Registered Jacks). One (1) each.

## 15. DVR Control Software

- a. Architecture:
  - i. The SMS (Software Management System) shall be a scalable Microsoft Windows (or equal) based client/server application for deployment of integrated security operations to include system configuration management & administration, command & control, and real-time monitoring for access control, alarm management, video surveillance, photo ID credentialing, and interfacing with secondary security subsystems and business database applications.
  - ii. The SMS application shall be a true 32bit application; supported on Microsoft Windows (or equal) XP, Vista, Server 2003 Operating Systems on 32bit server deployments.

- iii. The SMS database shall be supported on Microsoft (or equal) based 32 bit architecture.
  - iv. The SMS deployment shall allow but not require, the separation of database server, file server, and application server roles to provide maximum flexibility and conformance with IT data center deployment practices.
- b. Operator Interface:
- i. The SMS shall use a Windows (or equal) based client application interface for system configuration management, administration, and monitoring operations.
  - ii. The SMS shall provide a mouse-driven, Windows (or equal) based, graphical user interface allowing operator(s) to open and work on multiple application windows simultaneously, at host server and client workstation(s) with minimal degradation to system performance.
  - iii. The SMS shall support defining an unlimited number of operators; application access via workstation(s) shall be restricted by operator login and password. Operator passwords shall be stored in an encrypted manner. The SMS shall provide the ability to setup password rules for password length and expiration periods for the system operators.
  - iv. The SMS shall allow operator authentication through an Active Directory Server, bypassing SMS storing passwords. Operator access with the SMS shall continue to be defined within the SMS configuration forms.
- c. Program Interface: The SMS shall support a program interface (PI), which allows authorized connections between the SMS and external systems for developing custom interfaces and providing tightly coupled integrated solutions. The PI for the SMS shall facilitate real-time response to monitored events processed by the SMS as well as control of devices managed by the SMS.
- i. The SMS shall only allow authorized connections through the PI.
  - ii. The SMS shall allow up to twenty-five (25) concurrent connections to external systems through the PI.
  - iii. The PI shall expose the following aspects of the SMS:
    - 1. Bi-directional alarm event processing for monitoring and acknowledgement.
    - 2. Receiving SMS card access activity events.
    - 3. Receiving digital input events.
    - 4. Receiving intrusion zone events.
    - 5. Control of operator logins.
    - 6. Control of alarm point monitoring On/Off.
    - 7. Control of digital input points enable/Disable.
    - 8. Control of digital output points Open/Close.
    - 9. Control of intrusion zones Arm/Disarm.
    - 10. Control of control panel Modes.
- d. Application & Database Server:
- i. Professional Class Platform: Supported on Microsoft Windows XP (or equal) or Server 2003 .
  - ii. Enterprise Class Server Platform: Microsoft Server (or equal) 2003 32bit.
- e. Client Workstations:

- i. Microsoft Windows [XP or Vista]. (or equal)
- ii. Intel (or equal) Dual Quad core at a minimum of 3GHz (or equal).
- iii. 8 GB RAM.
- iv. Dual Layer DVD-RW.
- v. 250 GB HD.
- vi. 25" LCD display, supporting a minimum 32bit high color at 1440x900 resolution.
- vii. 1000MB Ethernet Network Interface Card.
- viii. Standard 101-key keyboard and 2-button wheel mouse.

The Vendor must provide in-house training on the systems to three staff persons who will need to be able to attain a 90% proficiency score before training can cease.

Maps of the location of the thirty-one (31) doors have been identified on the floor plans of the five (5) buildings on our campus. See attached.

### **Vendor Qualifications**

The successful vendor must be registered with the State of West Virginia and will be required to provide a valid current contractor's license and proof of liability insurance.

### **Method of Award**

The award of this RFQ shall be based upon the lowest Vendor's bid after meeting all the specifications.

The Agency will provide a notice to Proceed Letter to advise the successful vendor when the project is to start and the project must be completed within 120 days of the notice to proceed.

### **Payment of Invoice**

Payment for the product will be after complete installation and test running the system to all locations on the campus.

### **Cost Sheet**

Each Vendor must complete the attached Cost Sheet before submitting their bid:

**COST SHEET FOR ACCESS CONTROL SYSTEM**

**MMB11028**

**Mildred Mitchell-Bateman Hospital, Huntington, WV**

Vendor offers completion of the specifications detailed by this RFQ for the following bid price:

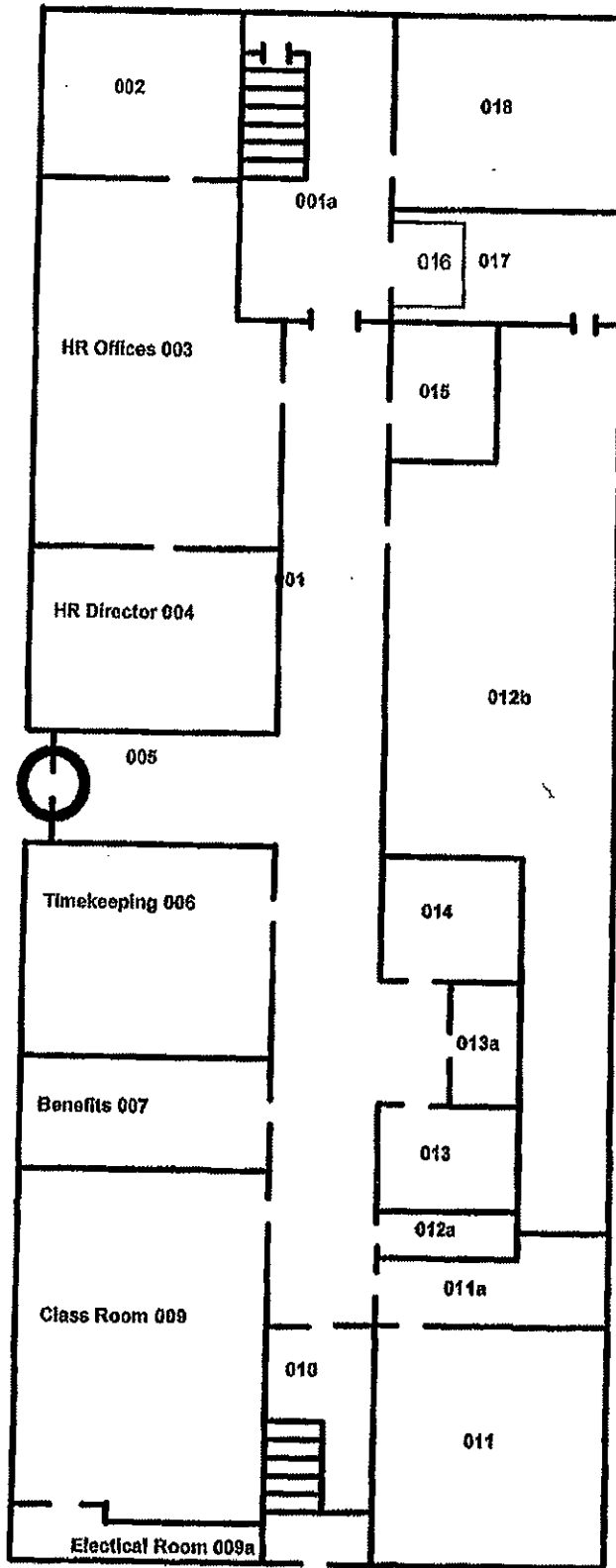
<b>EQUIPMENT</b>	<b>Quantity</b>	<b>UNIT PRICE</b>	<b>TOTAL AMOUNT BID</b>
Hardware server, complete	1		
Workstations	4		
Proximity card readers	31		
Electronic door hardware	31		
Surveillance cameras	31		
Magnetic door locks	31		
Hardware for Access Card preparation	1		
Program Interface	1		
Operational Interface	1		
<b>OTHER COSTS</b>			
Access Control System software	1		
Software for preparation of access cards for staff	1		<i>See</i>
Installation cost of hardware and software	1		<i>Addendum</i>
Battery backup	1		
Two (2) year warranty for software, hardware, labor and parts.	2		
Training cost	3		
Access Card supplies	1000		

<b>GRAND TOTAL</b>		<b>\$</b>
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Submitted by Vendor on 5th day of January, 2010.

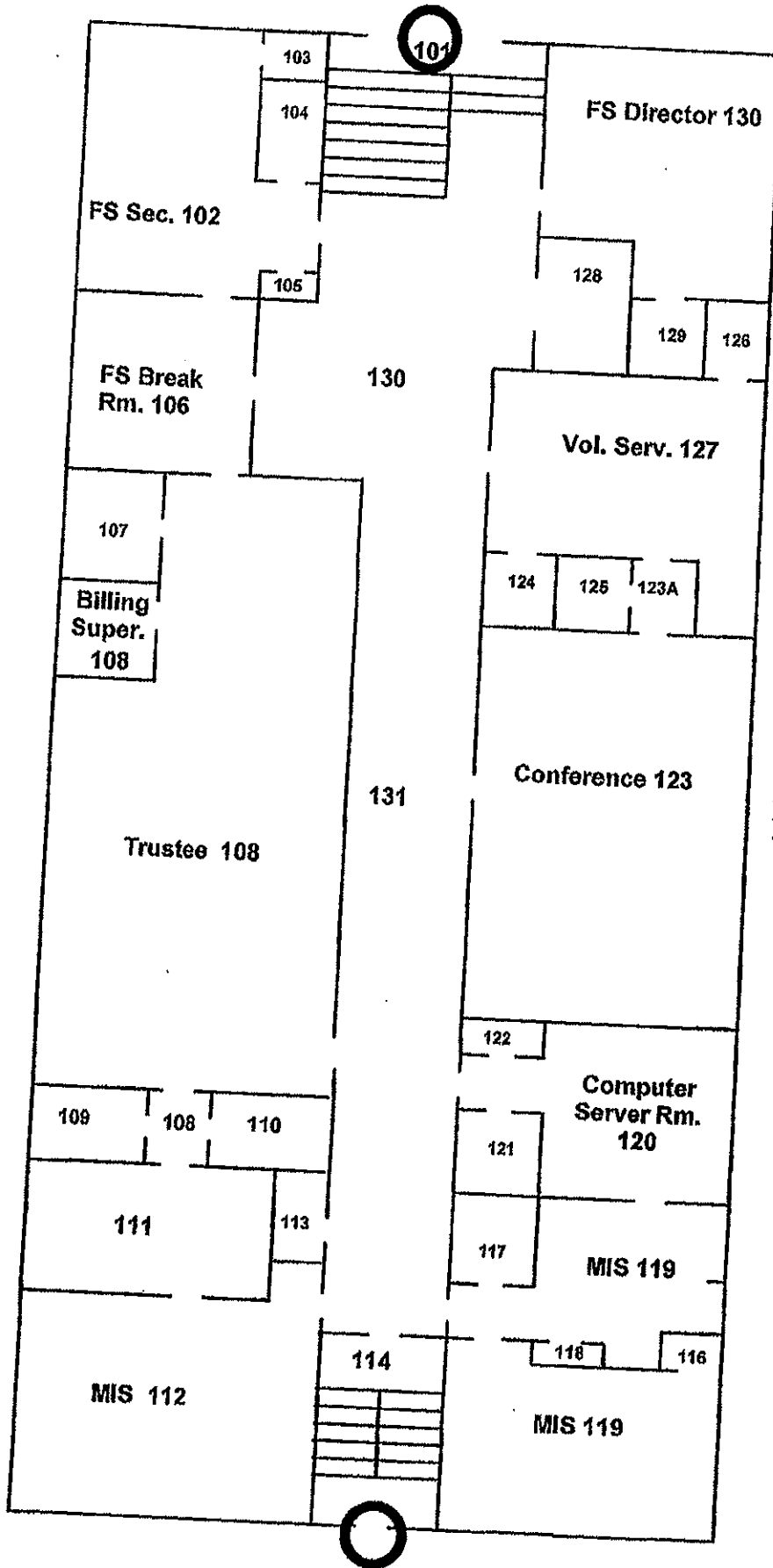
*Robert R. Hall*  
Vendors Representative signature

*dw*  
Representatives Title



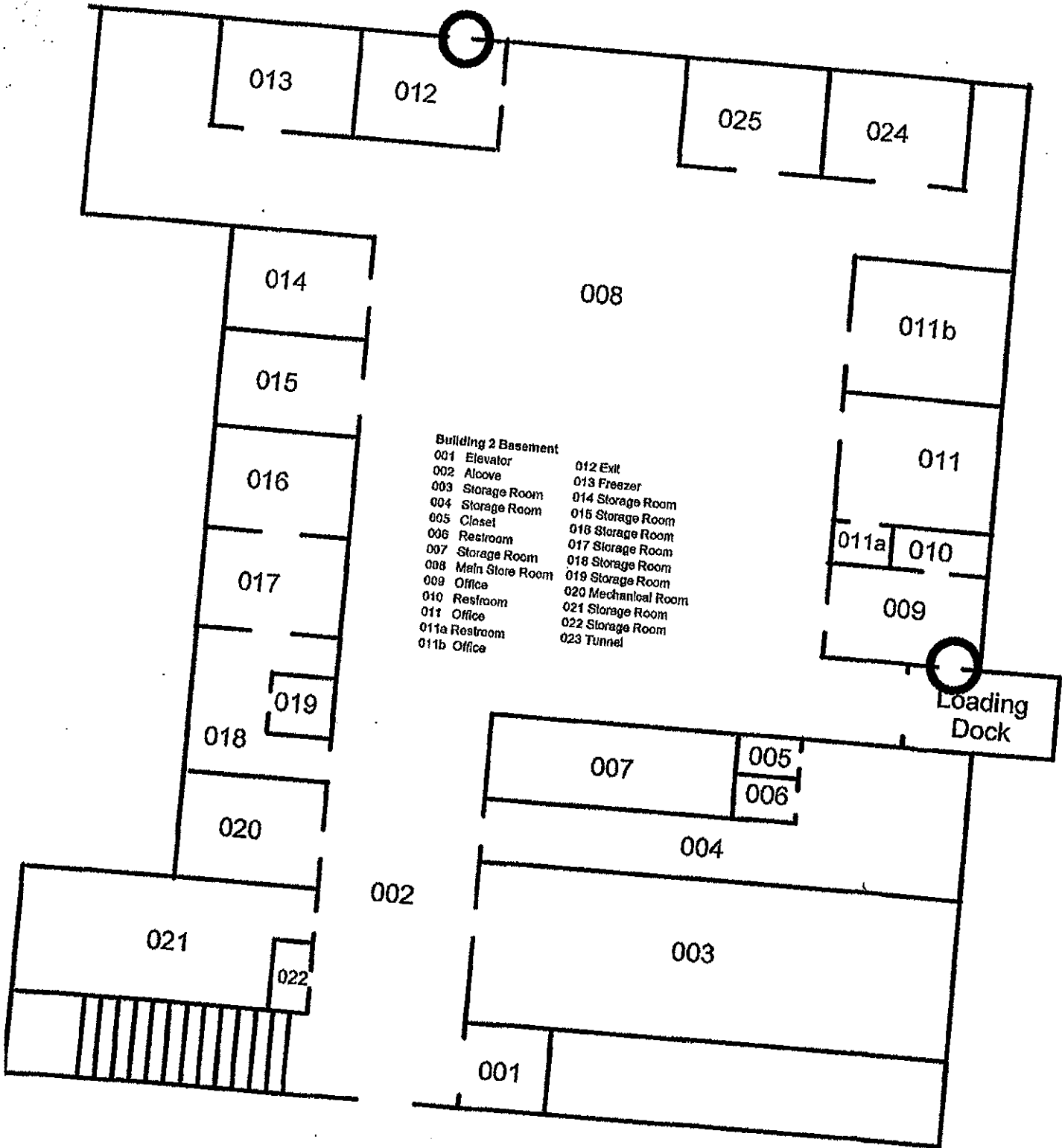
**ADMINISTRATION BUILDING Basement  
BUILDING 1**

- 001 Corridor
- 001a Stairway
- 002 Mechanical Room
- 003 Office (Human Relations)
- 004 Office (Director of Human Relations)
- 005 Entrance
- 006 Timekeeping offices
- 007 Office (Human Relations File Room)
- 009 Employee Break Room
- 009a Electrical Mechanical Room
- 010 Stairway/Rear Exit
- 011 Mechanical/Storage Room
- 011a Break Room
- 012a Housekeeping Room
- 012b Storage Room
- 013 Public Bathroom
- 013a Housekeeping Room
- 014 Unisex Restroom
- 015 Storage Room
- 016 Elevator
- 017 Mechanical Room
- 018 Mechanical Room

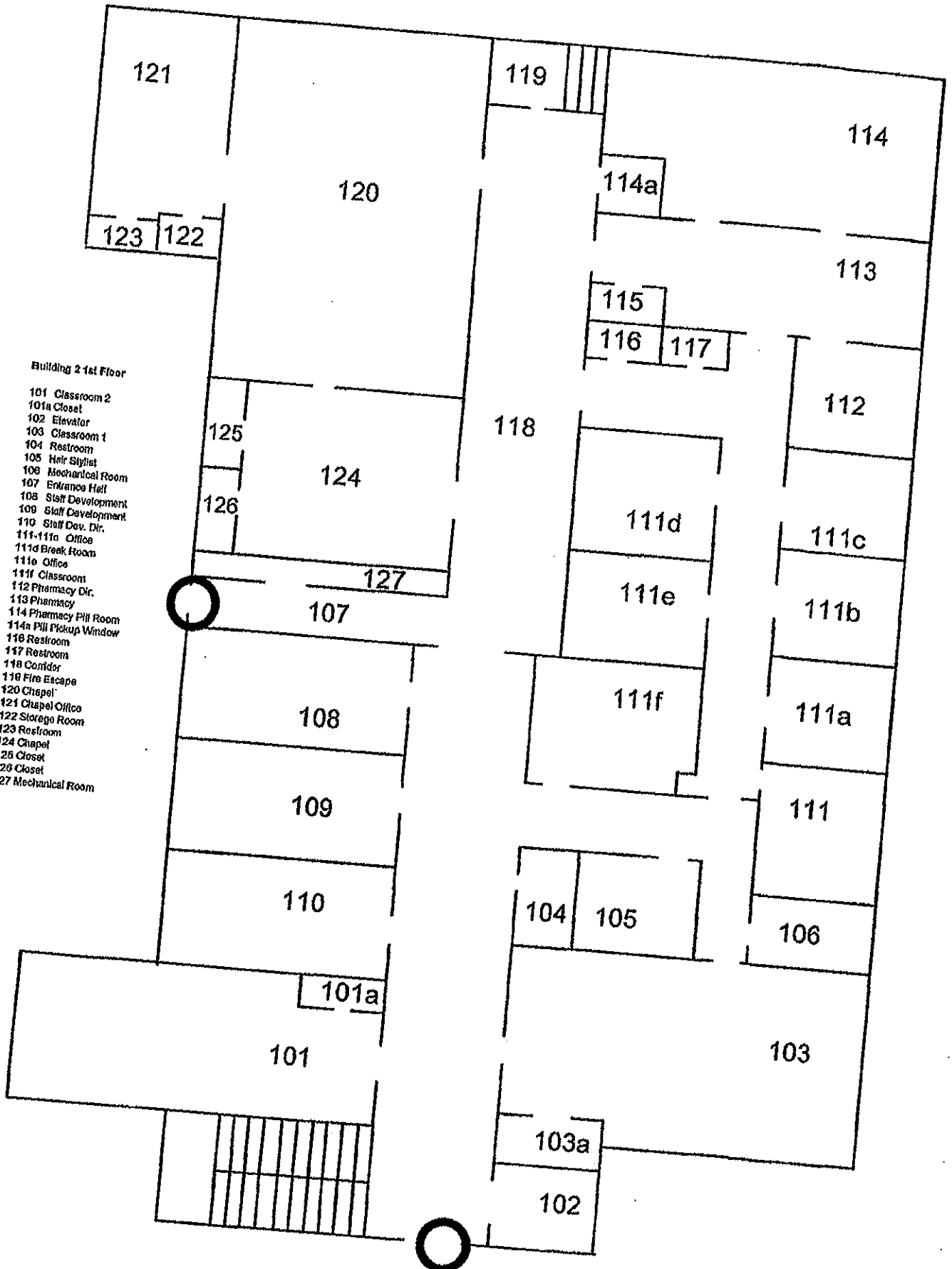


**Administration Building 1st Floor  
Building 1**

- 101 Entrance
- 102 Office (Dir Fiscal Services)
- 103 Closet
- 104 Restroom
- 105 Closet
- 106 Office (Secretary Fiscal Serv.)
- 107 Fire Safe
- 108 Office (Trustee / Billing)
- 108A Corridor
- 109 Restroom
- 110 Restroom
- 111 Copier Room
- 112 Office (MIS)
- 113 Housekeeping Closet
- 114 Stairs
- 116 Office (MIS)
- 118 Closet
- 117 Restroom
- 118 Closet
- 119 Office (MIS)
- 120 Office (MIS)
- 121 Restroom
- 122 Closet
- 123 Conference Room
- 123A Corridor
- 124 Closet
- 125 Restroom
- 126 Restroom
- 127 Office (Volunteer Services)
- 128 Elevator
- 128 Restroom
- 130 Office (Billing)
- 131 Corridor



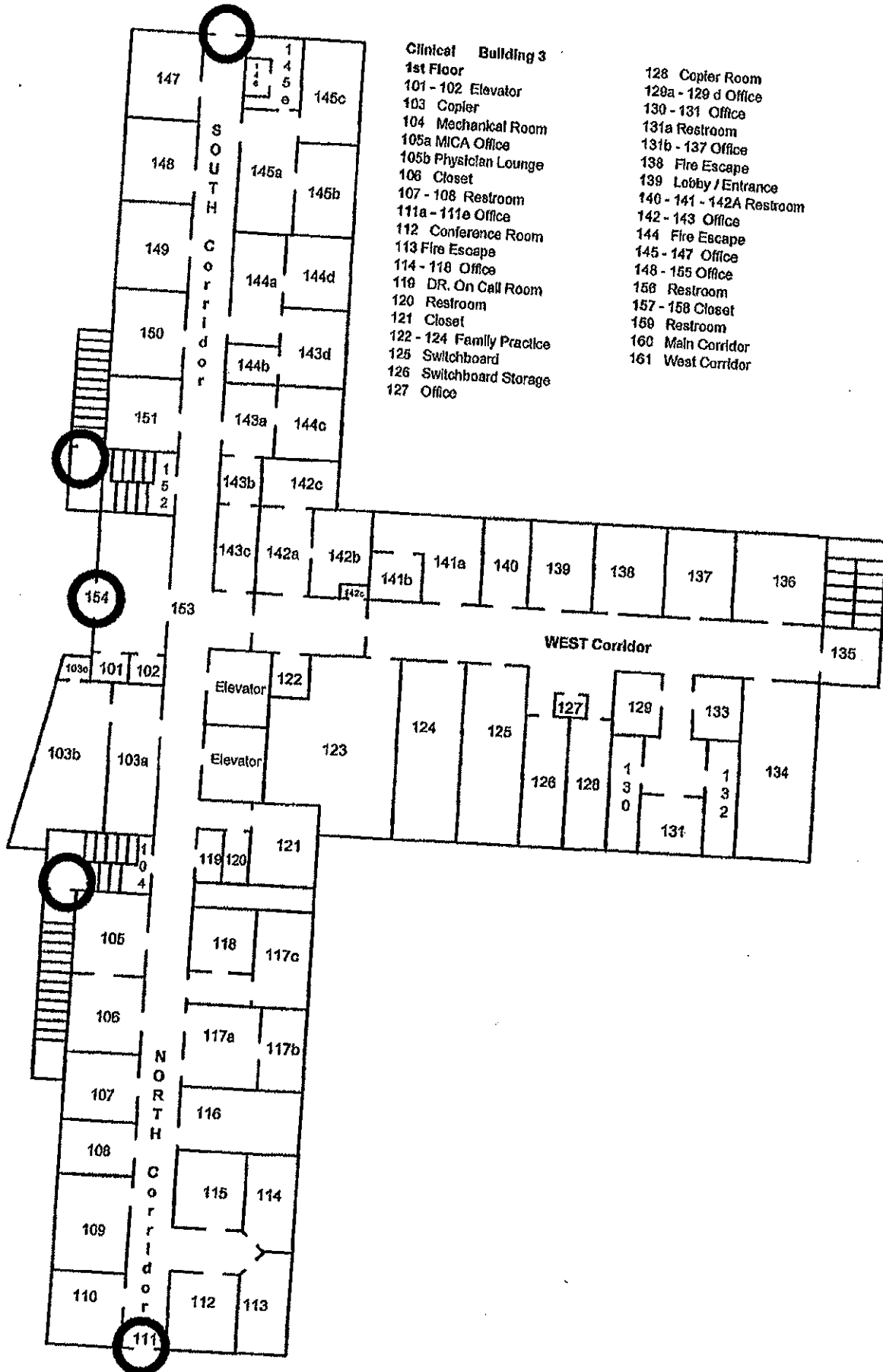


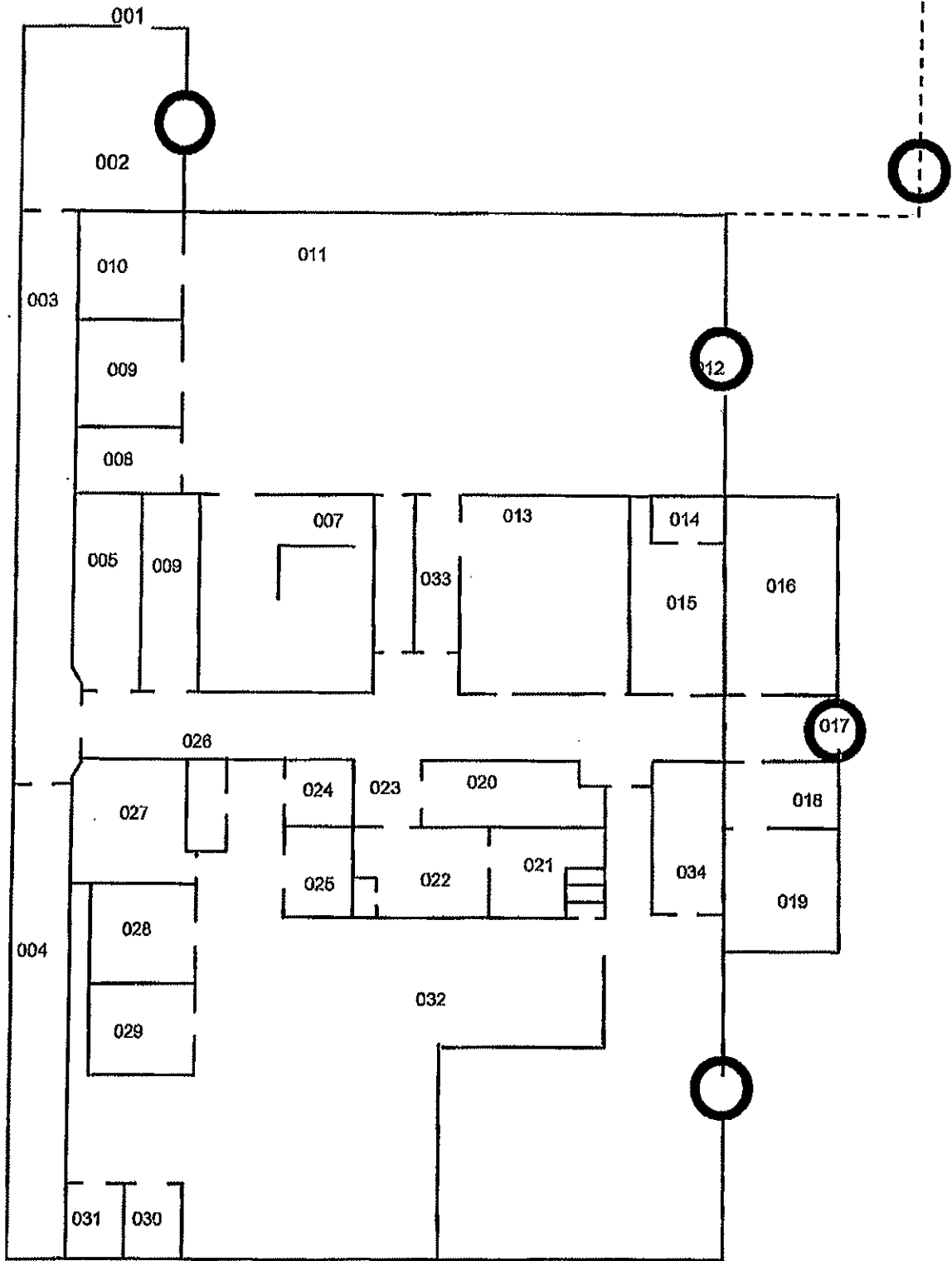


Building 2 1st Floor

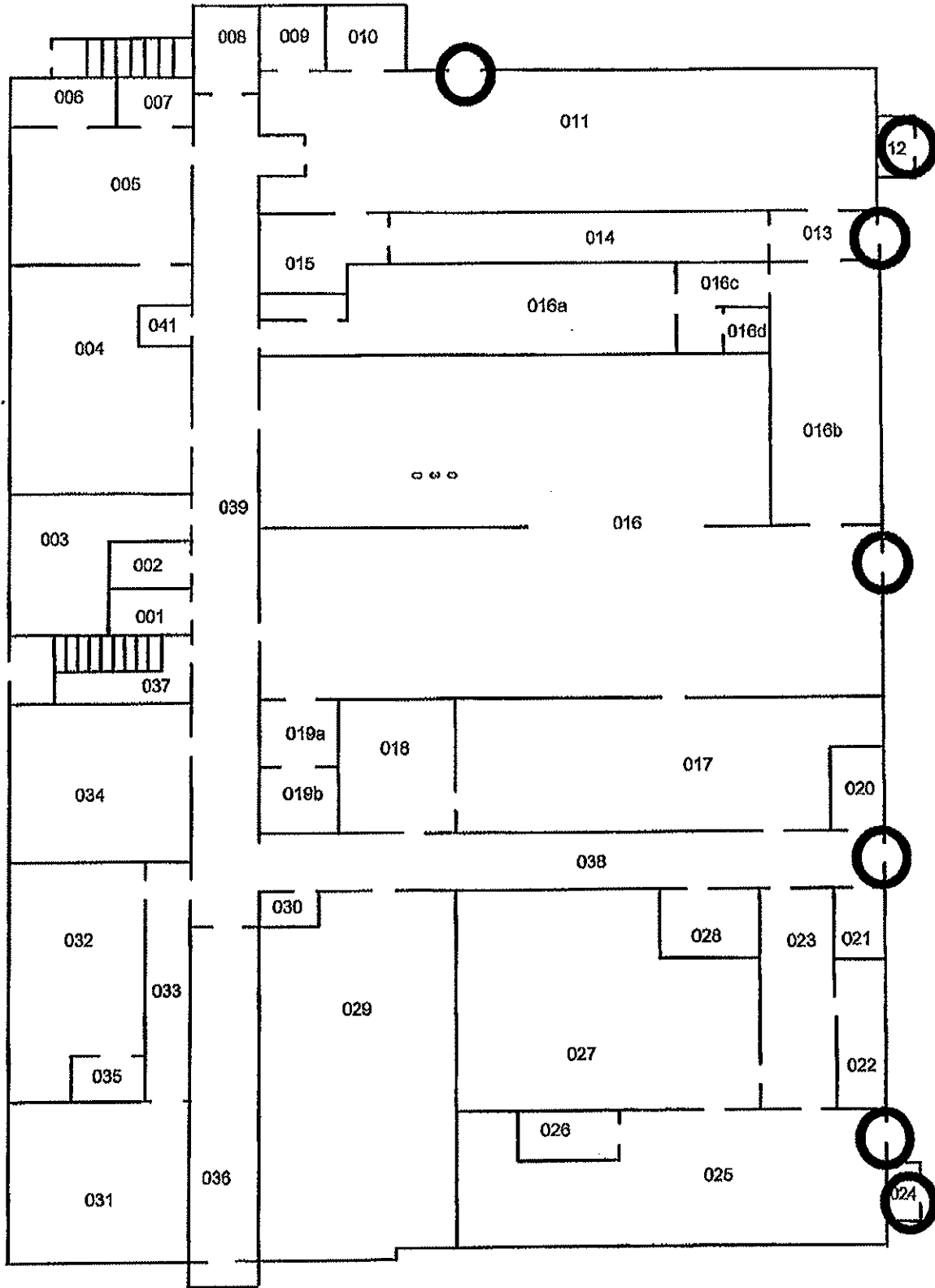
- 101 Classroom 2
- 101a Closet
- 102 Elevator
- 103 Classroom 1
- 104 Restroom
- 105 Hair Stylist
- 106 Mechanical Room
- 107 Entrance Hall
- 108 Staff Development
- 109 Staff Development
- 110 Staff Dev. Dir.
- 111-111f Office
- 111d Break Room
- 111e Office
- 111f Classroom
- 112 Pharmacy Dir.
- 113 Pharmacy
- 114 Pharmacy Pill Room
- 114a Pill Pickup Window
- 116 Restroom
- 117 Restroom
- 118 Corridor
- 119 Fire Escape
- 120 Chapel
- 121 Chapel Office
- 122 Storage Room
- 123 Restroom
- 124 Chapel
- 126 Closet
- 127 Mechanical Room

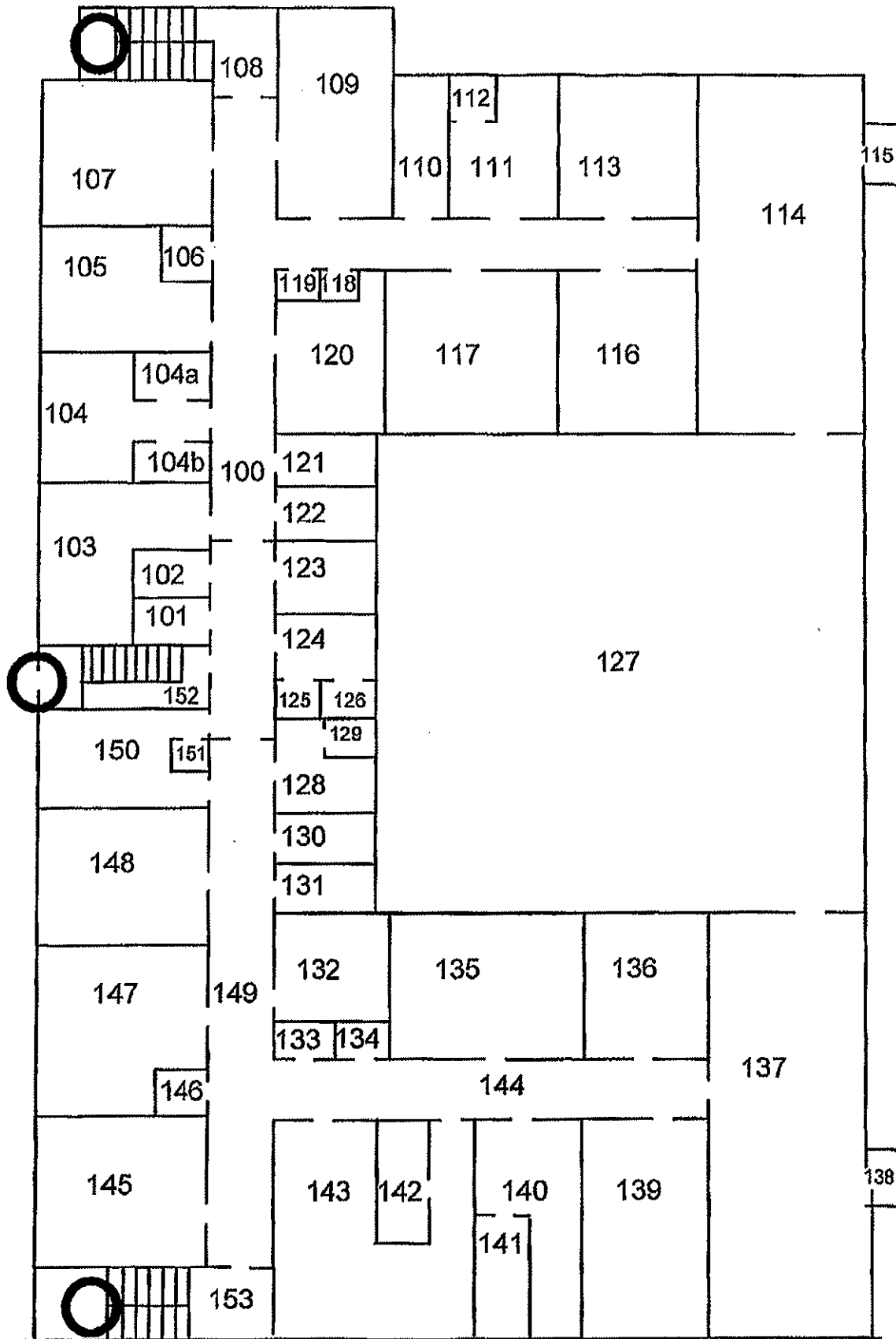






- |                       |                      |                             |                                    |
|-----------------------|----------------------|-----------------------------|------------------------------------|
| <b>Building 5</b>     | 009 - 010 Restroom   | 019A / 020 / 022 Restroom   | 030 Storage                        |
| <b>Basement</b>       | 011 Cafe             | 018B Storage                | 031 Paint Storage/Fire Alarm Panel |
| 001-002 Elevator      | 012 Fire Escape      | 028 Waiting Room (Lab)      | 032 Housekeeping Room              |
| 003 Sprinkler Control | 013 Entrance         | 024 Fire Escape             | 033 Corridor                       |
| 004 Bulb Room         | 014 Cafe Storage     | 025 Laboratory              | 034 Mechanical room                |
| 005 Break Room        | 015 Cafe Office      | 026 Storage                 | 035 Closet                         |
| 006 Office            | 016 Recreation       | 027 Laboratory Office       | 036 Tunnel Storage                 |
| 007 Restroom          | 016A / 016D Library  | 028 Electrical Control Room | 037 Stairwell                      |
| 008 Stairwell         | 017 - 018 Recreation | 029 Plumbing Shop           | 038 - 039 Corridor                 |





Building 5  
1st Floor  
Unoccupied

## Access Control Door Count

## Building 1

Basement	#005
1 <sup>st</sup> Floor	#101
1 <sup>st</sup> floor	Exterior door by Stairwell #114

## Building 2

Basement	Loading Dock Exterior Door by 3009 Office
Basement	Fire Escape Exterior Door #012
1 <sup>st</sup> Floor	Exterior Door by #127 Mechanical Room
1 <sup>st</sup> Floor	Exterior Door by #101 Stairwell

## Building 3

Basement	Exterior Door #007
Basement	Exterior Door #017
Basement	Exterior Door Fire Escape In #22 Stairwell
Basement	Exterior Door Fire Escape In #27 Stairwell
1 <sup>st</sup> Floor	Exterior Door by Office #147
1 <sup>st</sup> Floor	Exterior fire Escape South East Corner of Building
1 <sup>st</sup> Floor	Exterior Fire Escape North East Corner of Building
1 <sup>st</sup> Floor	Exterior Door #154
1 <sup>st</sup> Floor	Exterior door North corner of Building by Office #111

## Building 4

Basement	Exterior Door #017
Basement	Exterior Door #012
Basement	Exterior Door #002
Basement	Canteen Exterior Door
Basement	Gate to Fresh Air Area

## Building 5

Basement	Exterior Door #012
Basement	Exterior Door #013
Basement	Exterior Door Rec Door by #016
Basement	Exterior Door Main by #038
Basement	Exterior Door #025
Basement	Exterior Door Pt. Apartment by #011
Basement	Exterior Door #022
1 <sup>st</sup> Floor	Exterior Fire Escape Southeast Corner of Building
1 <sup>st</sup> Floor	Exterior Fire Escape Northwest Corner of Building
1 <sup>st</sup> Floor	Exterior Door in Stairwell #152

RFQ No. mmb11028

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**West Virginia Code §5A-3-10a states:** No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

**WITNESS THE FOLLOWING SIGNATURE**

Vendor's Name: United Sound & Electronics, LLC

Authorized Signature: [Signature] Date: 1-3-2011

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 3<sup>rd</sup> day of January, 2011

My Commission expires Aug 29 2015, 2015

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]





ATTACHMENT  
P.O.# mmB11028

This agreement constitutes the entire agreement between the parties, and there are no other terms and conditions applicable to the licenses granted hereunder.

Agreed

R. W. K. Hall 1-5-2011  
Signature Date

member/owner  
Title

United Sound & Electronics, LLC  
Company Name

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Agency/Division

WV-96  
Rev. 10/07

**AGREEMENT ADDENDUM**

In the event of conflict between this addendum and the agreement, this addendum shall control:

1. **DISPUTES** - Any references in the agreement to arbitration or to the jurisdiction of any court are hereby deleted. Disputes arising out of the agreement shall be presented to the West Virginia Court of Claims.
2. **HOLD HARMLESS** - Any clause requiring the Agency to indemnify or hold harmless any party is hereby deleted in its entirety.
3. **GOVERNING LAW** - The agreement shall be governed by the laws of the State of West Virginia. This provision replaces any references to any other State's governing law.
4. **TAXES** - Provisions in the agreement requiring the Agency to pay taxes are deleted. As a State entity, the Agency is exempt from Federal, State, and local taxes and will not pay taxes for any Vendor including individuals, nor will the Agency file any tax returns or reports on behalf of Vendor or any other party.
5. **PAYMENT** - Any references to prepayment are deleted. Payment will be in arrears.
6. **INTEREST** - Should the agreement include a provision for interest on late payments, the Agency agrees to pay the maximum legal rate under West Virginia law. All other references to interest or late charges are deleted.
7. **RECOUPMENT** - Any language in the agreement waiving the Agency's right to set-off, counterclaim, recoupment, or other defense is hereby deleted.
8. **FISCAL YEAR FUNDING** - Service performed under the agreement may be continued in succeeding fiscal years for the term of the agreement, contingent upon funds being appropriated by the Legislature or otherwise being available for this service. In the event funds are not appropriated or otherwise available for this service, the agreement shall terminate without penalty on June 30. After that date, the agreement becomes of no effect and is null and void. However, the Agency agrees to use its best efforts to have the amounts contemplated under the agreement included in its budget. Non-appropriation or non-funding shall not be considered an event of default.
9. **STATUTE OF LIMITATION** - Any clauses limiting the time in which the Agency may bring suit against the Vendor, lessor, individual, or any other party are deleted.
10. **SIMILAR SERVICES** - Any provisions limiting the Agency's right to obtain similar services or equipment in the event of default or non-funding during the term of the agreement are hereby deleted.
11. **ATTORNEY FEES** - The Agency recognizes an obligation to pay attorney's fees or costs only when assessed by a court of competent jurisdiction. Any other provision is invalid and considered null and void.
12. **ASSIGNMENT** - Notwithstanding any clause to the contrary, the Agency reserves the right to assign the agreement to another State of West Virginia agency, board or commission upon thirty (30) days written notice to the Vendor and Vendor shall obtain the written consent of Agency prior to assigning the agreement.
13. **LIMITATION OF LIABILITY** - The Agency, as a State entity, cannot agree to assume the potential liability of a Vendor. Accordingly, any provision limiting the Vendor's liability for direct damages to a certain dollar amount or to the amount of the agreement is hereby deleted. Limitations on special, incidental or consequential damages are acceptable. In addition, any limitation is null and void to the extent that it precludes any action for injury to persons or for damages to personal property.
14. **RIGHT TO TERMINATE** - Agency shall have the right to terminate the agreement upon thirty (30) days written notice to Vendor. Agency agrees to pay Vendor for services rendered or goods received prior to the effective date of termination.
15. **TERMINATION CHARGES** - Any provision requiring the Agency to pay a fixed amount or liquidated damages upon termination of the agreement is hereby deleted. The Agency may only agree to reimburse a Vendor for actual costs incurred or losses sustained during the current fiscal year due to wrongful termination by the Agency prior to the end of any current agreement term.
16. **RENEWAL** - Any reference to automatic renewal is hereby deleted. The agreement may be renewed only upon mutual written agreement of the parties.
17. **INSURANCE** - Any provision requiring the Agency to insure equipment or property of any kind and name the Vendor as beneficiary or as an additional insured is hereby deleted.
18. **RIGHT TO NOTICE** - Any provision for repossession of equipment without notice is hereby deleted. However, the Agency does recognize a right of repossession with notice.
19. **ACCELERATION** - Any reference to acceleration of payments in the event of default or non-funding is hereby deleted.
20. **CONFIDENTIALITY** - Any provision regarding confidentiality of the terms and conditions of the agreement is hereby deleted. State contracts are public records under the West Virginia Freedom of Information Act.
21. **AMENDMENTS** - All amendments, modifications, alterations or changes to the agreement shall be in writing and signed by both parties. No amendment, modification, alteration or change may be made to this addendum without the express written approval of the Purchasing Division and the Attorney General.

ACCEPTED BY:

STATE OF WEST VIRGINIA

Spending Unit: \_\_\_\_\_

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

VENDOR

Company Name: Unit 2 Sound & Electronics, LLC

Signed: [Signature]

Title: member-owner

Date: 1-5-2011



State of West Virginia
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT
West Virginia Code §21-1D-5

STATE OF West Virginia

COUNTY OF Harrison, TO-WIT:

I, Robert R. Harold, after being first duly sworn, depose and state as follows:

- 1. I am an employee of United Sound & Electronics, LLC; and,
2. I do hereby attest that United Sound & Electronics, LLC

maintains a valid written drug free workplace policy and that such policy is in compliance with West Virginia Code §21-1D-5.

The above statements are sworn to under the penalty of perjury.

United Sound & Electronics, LLC
(Company Name)

By: [Signature]

Title: member/owner

Date: 1-3-2011

Taken, subscribed and sworn to before me this 3rd day of January, 2011

By Commission expires August 29, 2015



[Signature]
(Notary Public)

THIS AFFIDAVIT MUST BE SUBMITTED WITH THE BID IN ORDER TO COMPLY WITH WV CODE PROVISIONS. FAILURE TO INCLUDE THE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF THE BID.



THE CINCINNATI INSURANCE COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY, a corporation organized under the laws of the State of Ohio, and having its principal office in the City of Fairfield, Ohio, does hereby constitute and appoint Steven P Thompson, Sharon D Boyles, Randall E Kerns, Nancy J Ferren, Michael W Mason, Lisa M McGuire, Kristine D Mills, Jeffrey L Hood, Emily Bolliger, Chelsea Mollohan, Carla J Dobbins,

of Bridgeport, WV its true and lawful Attorney(s)-in-Fact to sign, execute, seal and deliver on its behalf as Surety, and as its act and deed, any and all bonds, policies, undertakings, or other like instruments, as follows: Any such obligations in the United States, Eight Million Dollars and 00/100 (\$8,000,000.00)

This appointment is made under and by authority of the following resolution passed by the Board of Directors of said Company at a meeting held in the principal office of the Company, a quorum being present and voting, on the 6th day of December, 1958, which resolution is still in effect:

RESOLVED, that the President or any Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 7th day of December, 1973.

RESOLVED, that the signature of the President or a Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary or Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS WHEREOF, THE CINCINNATI INSURANCE COMPANY has caused these presents to be sealed with its corporate seal, duly attested by its Vice President this 1st day of April, 2007.



STATE OF OHIO ) ss:
COUNTY OF BUTLER )

THE CINCINNATI INSURANCE COMPANY

Thomas H. Kelly

Vice President

On this 1st day of April, 2007, before me came the above-named Vice President of THE CINCINNATI INSURANCE COMPANY, to me personally known to be the officer described herein, and acknowledged that the seal affixed to the preceding instrument is the corporate seal of said Company and the corporate seal and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporation.



Mark J. Huller

MARK J. HULLER, Attorney at Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration date. Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Secretary of THE CINCINNATI INSURANCE COMPANY, hereby certify that the above is a true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in full force and effect.

GIVEN under my hand and seal of said Company at Fairfield, Ohio.
this 6th day of January 2011

Suzanne J. Schloer

Secretary



**BID BOND PREPARATION INSTRUCTIONS**

AGENCY \_\_\_\_\_ (A)  
RFQ/RFP# \_\_\_\_\_ (B)

**Bid Bond**

- (A) WV State Agency  
(Stated on Page 1 "Spending Unit")  
Request for Quotation Number (upper  
right corner of page #1)
- (C) Your Company Name
- (D) City, Location of your Company
- (E) State, Location of your Company
- (F) Surety Corporate Name
- (G) City, Location of Surety
- (H) State, Location of Surety
- (I) State of Surety Incorporation
- (J) City of Surety Incorporation
- (K) Minimum amount of acceptable bid  
bond is 5% of total bid. You may state  
"5% of bid" or a specific amount on  
this line in words.
- (L) Amount of bond in figures
- (M) Brief Description of scope of work
- (N) Day of the month
- (O) Month
- (P) Year
- (Q) Name of Corporation
- (R) Raised Corporate Seal of Principal
- (S) Signature of President or Vice  
President
- (T) Title of person signing
- (U) Raised Corporate Seal of Surety
- (V) Corporate Name of Surety
- (W) Signature of Attorney in Fact of the  
Surety

NOTE: Dated, Power of Attorney with Raised  
Surety Seal must accompany this bid  
bond.

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned,  
\_\_\_\_\_ (C) of \_\_\_\_\_ (D), \_\_\_\_\_ (E),  
as Principal, and \_\_\_\_\_ (F) of \_\_\_\_\_ (G),  
\_\_\_\_\_ (H), a corporation organized and existing under the laws  
of the State of \_\_\_\_\_ (I) with its principal office in the City of  
\_\_\_\_\_ (J), as Surety, are held and firmly bound unto The State  
of West Virginia, as Oblige, in the penal sum of \_\_\_\_\_ (K)  
(\$ \_\_\_\_\_ (L)) for the payment of which, well and truly to be made,  
we jointly and severally bind ourselves, our heirs, administrators, executors,  
successors and assigns.

The Condition of the above obligation is such that whereas the Principal  
has submitted to the Purchasing Section of the Department of Administration  
a certain bid or proposal, attached hereto and made a part hereof to enter into a  
contract in writing for \_\_\_\_\_ (M)  
\_\_\_\_\_  
\_\_\_\_\_

**NOW THEREFORE.**

(a) If said bid shall be rejected, or  
(b) If said bid shall be accepted and the Principal shall enter into a  
contract in accordance with the bid or proposal attached hereto and shall furnish  
any other bonds and insurance required by the bid or proposal, and shall in all  
other respects perform the agreement created by the acceptance of said bid then  
this obligation shall be null and void, otherwise this obligation shall remain in full  
force and effect. It is expressly understood and agreed that the liability of the  
Surety for any and all claims hereunder shall, in no event, exceed the penal  
amount of this obligation as herein stated

The Surety for value received, hereby stipulates and agrees that the  
obligations of said Surety and its bond shall be in no way impaired or affected by  
any extension of time within which the Oblige may accept such bid: and said  
Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their  
hands and seals, and such of them as are corporations have caused their corporate  
seals to be affixed hereto and these presents to be signed by their proper officers,  
this \_\_\_\_\_ (N) day of \_\_\_\_\_ (O), 20 \_\_\_\_\_ (P).

Principal Corporate Seal

(R)

\_\_\_\_\_  
(Name of Principal)  
By \_\_\_\_\_ (S)  
(Must be President or  
Vice President)  
\_\_\_\_\_  
Title

Surety Corporate Seal

(U)

\_\_\_\_\_  
(Name of Surety)  
  
\_\_\_\_\_  
Attorney-in-Fact

**IMPORTANT** – Surety executing bonds must be licensed in West Virginia to  
transact surety insurance. Raised Corporate Seals must be affixed and a Power of  
Attorney must be attached.