NCTC PA HREF Software & Equipment List
for
NCTC PA Installation Contract

Contractor Supplied

Upgrade to Milestone XProtect Enterprise 2016, Upgrade Cameras, Mics, Network, Servers, & Clients

Item #	#	Milestone Software/Camera Licenses
1	1	Enterprise 2016 Upgrade, Three years opt-in Care Plus for Xprotect Enterprise Base License
2	96	Camera License Upgrades, Three years opt-in Care Plus for Xprotect Enterprise Camera License
To Upgrade, 3 year SUP is required		

Item #	#	Equipment	
3	1	Ethernet Switch	24 Port non-POE Layer 3 Switch, Control Room, Rack Mount
4	2	Ethernet Switch	48 Port POE+Layer 3 Switch, 1-Control Room, 2-Upstairs Closet Room 207
5	2	Recording Server	NVR Recording Server to allow for SNC-VM632R higher resolution w_3yr Warranty
6	2	SmartClient Viewer	Client Computer for viewing AAR Live and Playback w_3yr Warranty
7	9	Ethernet Cable	Cat6, Indoor Plenum rated, 1000' box, (9000 ft total)
8	3	Ethernet Connectors	RJ45 connectors, 100 ea.
9	1	Wall Rack Adapter	For mounting upstairs Ethernet switch in upstairs closet 207
10	49	Microphones	Interior Microphones, direct plugin to IP camera, SCA-M30, or equiv.
11	1	UPS	3000VA UPS, Control Room Rack, Server Power
12	1	UPS	1500VA UPS, 2nd Floor POE Ethernet Switch
13	1	Miscellaneous	Miscellaneous supplies for installation

NCTC Supplied

The following equipment will be provided by NCTC on-site:

Item #	#	Equipment
1	90	Sony SNC-VM632R Fixed Video Cameras, 1080P, H.264, 30Hz
2	3	Sony SNC-RZ50N PTZ Cameras, 640x480, MPEG4, 30Hz
3	1	Sony SNT-EX104 Encoder, 640x480, MPEG4, 30Hz
4	2	55" HDMI LCD 1080P Monitors with wall mounts installed in the AAR Control Room
5	1	24" HDMI LCD 1080P Monitor installed in the AAR Control Room Console
6	2	55" HDMI LCD 1080P Monitors with wall mounts installed in the Trainee AAR Room, Room 103
7	1	24" HDMI LCD 1080P Monitor for AAR SmartClient installed in the Trainee AAR Room, Rack 3A1
8	1	Audio amplifier and speakers currently installed in the Control Room
9	1	Audio amplifier and speakers currently installed in the AAR Training Room
10	1	Power Supply for Sony Encoders, Altronix R1224DC16CB
11	1	Shure Wireless Microphone System including Mics, Receivers, Antenna Distribution System, and Mackie Audio Mixer
12	1	UPS units located in the Control Room Rack and Console
13	1	UPS units located in the AAR Training Room

* Note: Existing HDMI cables and adapters may be reused by the contractor, but are not supplied as GFE.

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