

Appendix B

Ames Hotspot WiFi Bill of Materials

Note: This bill of materials covers the major components associated with a hotspot WiFi deployment. Miscellaneous hardware such as jumper cables, mounting hardware, brackets, and other smaller items may not be included.

Ames City Hall	Model #	QTY
Windows 2003 Server	Not Specific	1
Cisco WCS Software	WCS-APBASE-50	1
Wireless LAN Controller	AIR-WLC4402-25-K9	1
Community Center		
Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	2
HyperLink Tech 8 dbi Antenna	HG2409P	2
Ames High School/Municipal School		
Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dbi Antenna	HG2409P	1
Cisco Catalyst 3560 Ethernet Switch	WS-C3560-24TS-S	1
Cisco Fiber Optic SFPs	GLC-LH-SM=	2
Ames Ice Arena		
Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dbi Antenna	HG2409P	1
Power Plant Stack		
Proxim Tsunami Quickbridge Kit		2
Proxim Tsunami MP.11 Base Station	5054-BSUR-US	3
Proxim 6 Foot Antenna Cable	69828	3
Proxim Sector Antenna	5054-SA120-14	3
Proxim Weatherproof Cat 5 Cable	69820	5
Campus Town Court		
Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	1
HyperLink Antenna Pigtail	#CA-RTPNMA010	1
Youth Sports Complex		
Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	1
HyperLink Antenna Pigtail	#CA-RTPNMA002	1
Proxim Subscriber Unit	5055-SUR-US	1
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

Inis Grove Park

Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	1
HyperLink Antenna Pigtail	#CA-RTPNMA002	1
Proxim Subscriber Unit	5055-SUR-US	1
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

Aquatic Center

Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	3
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	3
HyperLink Antenna Pigtail	#CA-RTPNMA002	3
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

Country Gables Park

Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	1
HyperLink Antenna Pigtail	#CA-RTPNMA002	1
Proxim Subscriber Unit	5055-SUR-US	1
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

Bandshell Park

Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dbi Antenna	HG2409P	1
HyperLink Antenna Pigtail	#CA-RTPNMA002	1
Proxim Subscriber Unit	5055-SUR-US	1
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

Tom Evans Park

Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	1
HyperLink Antenna Pigtail	#CA-RTPNMA002	1
Proxim Subscriber Unit	5055-SUR-US	1
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

Bloomington Water Tower

Proxim Tsunami MP.11 Base Station	5054-BSUR-US	2
Proxim 6 Foot Antenna Cable	69828	2
Proxim Sector Antenna	5054-SA120-14	2
Proxim Weatherproof Cat 5 Cable	69820	2
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

MAC Water Tower

Proxim Tsunami MP.11 Base Station	5054-BSUR-US	1
Proxim 6 Foot Antenna Cable	69828	1
Proxim Sector Antenna	5054-SA120-14	1
Proxim Weatherproof Cat 5 Cable	69820	1
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

Moore Memorial Park

Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	1
HyperLink Antenna Pigtail	#CA-RTPNMA002	1
Proxim Subscriber Unit	5055-SUR-US	1
Proxim Weatherproof Cat 5 Cable	69819	1
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

Emma McCarthy Lee Park

Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	1
HyperLink Antenna Pigtail	#CA-RTPNMA002	1
Proxim Subscriber Unit	5055-SUR-US	1
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

Daley Park and Greenbelt

Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	1
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	1
HyperLink Antenna Pigtail	#CA-RTPNMA002	1
Proxim Subscriber Unit	5055-SUR-US	1
Proxim Weatherproof Cat 5 Cable	69819	1
Hyperlink NEMA Enclosure	NB181608-100	1
Enclosure Mounting Kit	HGX-PMT13	1

CyRide Building

Proxim Tsunami MP.11 Base Station	5054-BSUR-US	1
Proxim 6 Foot Antenna Cable	69828	1
Proxim Sector Antenna	5054-SA120-14	1
Proxim Weatherproof Cat 5 Cable	69820	1

Brookside Park

Cisco 1310 w RP-TNC-type Connector	AIR-LAP1310G-A-K9R	2
HyperLink Tech 8 dBi Omni Antenna	HGV-2409U	2
HyperLink Antenna Pigtail	#CA-RTPNMA002	2
Proxim Subscriber Unit	5055-SUR-US	2
Hyperlink NEMA Enclosure	NB181608-100	2
Enclosure Mounting Kit	HGX-PMT13	2