



## Security Proposal

**Date:** March 4, 2014

**Quotation:** 2011470754

**To:** Town of Addison  
16801 Westgrove  
Addison TX 75001

**Project:** Addison Circle Park Aruba WIFI rev4  
  
FOB Shipping Point

**Attn:**

**From:** Convergent Technologies LLC  
Sean Hamilton  
sean.hamilton@convergent.com

**TCPN - R5167**

**Mobile:** (469) 853-2807

**Direct:** (469) 568-7900

**Fax:** (469) 568-7901

---

Convergent Technologies is pleased to provide this proposal for your consideration. This quotation shall remain firm for a period of forty-five (45) days from the proposal date, and price is based upon delivery of equipment within three (3) months. Convergent Technologies payment terms are net 30.

---

## Security System Scope of Work

### Addison Circle Park Aruba WIFI Upgrade

**Scope consists of:**

- Aruba WIFI system programming, setup, design, and support provided by Convergent partnered with the Delcom Group
- 1 Year warranty on all Aruba hardware and software
- 1 Year warranty on all labor provided

Radio Locations (see attached revised drawing - 3/14/14):

- North Tower – 2 APs – 24 x 10' Extensions
- South Tower – 1 AP – 12 x 10' Extensions
- Crow's Nest – 2 APs ( with one only running 5 GHz) – 6 x 10' Extensions
- Pavilion – 2 APs – 8 x 10' Extensions
- Plaza Ent Kiosk - 1 - AP - 2 x 10' Extensions ( Town of Addison to provide magnetic mount)

- Installation of all necessary antenna's, cables, connectors, and lightning arrestors included in Bill of Materials
- Aruba 8 access point license
- Aruba 8 access point security bundle
- 1 Year Aruba Care support for up to 8 access points
- 1 Year Aruba Care support for 8 AP security bundle
- Firewall software (Sonic Wall) is not included - removed on Rev modifications

**USA:** Atlanta • Austin • Chicago • DC • Dallas • Denver • Houston • Los Angeles • Minneapolis • Nashville • New Orleans • NY • Portland  
**Richmond** • San Francisco • Seattle • Tulsa • Va. Beach • **CANADA:** Calgary • Edmonton • Fort McMurray • Lethbridge • Lloydminster • Vancouver

- Installation of 3 new pole mounted enclosures to house new Aruba wireless radios (includes cooling fans) 2 of the 175's can fit into one enclosure (1 at 30' N Tower, 1 at 30' S Tower, 1 on Pavilion)
- 1 additional AP 175-AC Outdoor AP is included as a spare in case of failure during an event

**Exclusions:**

120V power for all radio locations

Town of Addison will provide lift for any service after year one warranty coverage

Network connectivity at Crows nest for Aruba radios and controller to be provided by Town of Addison

Network switches provided by Town of Addison

## Alternates

- 

## Clarifications and Exclusions

- All work proposed herein, shall be performed during normal business hours Monday through Friday 8:00 am - 5:00 pm.
- Low voltage wiring shall be installed in open cable.
- Provision or installation of conduit, wire, boxes, fittings or other electrical installation materials unless specifically listed under Inclusions or Bill of Materials.
- Permits or associated fees are not included.
- Customer to provide static IP addresses and network connections at panel locations.
- Customer to provide a secured staging & storage area for project related materials.
- Pricing assumes that electronic Auto CAD files are available from customer for our use in creating submittal drawings.
- Twenty-Five percent (25%) of the proposed sell price shall be payable to Convergent Technologies for project mobilization. Mobilization shall be invoiced and due upon customer acceptance of this proposal.
- Proposal does not include sales tax.
- Anything in the Contract Documents notwithstanding, in no event shall either Contractor or Subcontractor be liable for special, indirect, incidental or consequential damages, including commercial loss, loss of use, or lost profits, even if either party has been advised of the possibility of such damages.
- Convergent Technologies reserves the right to negotiate mutually acceptable contract terms and conditions with customer by making mutually agreeable changes to the formal contract included in the Bid Documents.

## Performance Items

Yes	No	Description
/		Material (listed on the BOM)
/		Freight (prepaid)
	/	Applicable Taxes
/		One-Year Warranty on Parts
/		One-Year Warranty on Labor
	/	Low Voltage Permits
	/	Electrical Installation Permit
	/	Engineering and Drawings
/		Record Documentation (As-Built)
/		System Programming
	/	Authority having Jurisdiction permit drawing (requires customer CAD)
	/	Panel Wall Elevation drawing (may require customer CAD)
	/	Equipment rack layout drawing
	/	Riser drawing with home run wiring
	/	Panel wiring point with to point connections
	/	Door wiring typical connections
	/	Floor plan with device placement and numbering (requires customer CAD)
/		Project Management
/		Mounting/Termination of Proposed Devices
/		Testing of all Proposed Devices
	/	Operations & Maintenance Manuals
/		Owner Training
/		System Meets Plans/Drawings
	/	System is Design-Build
	/	Payment & Performance Bonds
/		Installation of Wire and Cable

Yes	No	Description
/		Installation of Conduit and Boxes
	/	Installation of Wire Hangers
/		Specialty Back Boxes
	/	Installation of Specialty Back Boxes
	/	Connection to Building Fire Alarm Panel
	/	Installation & Power of Control Panels
	/	Installation & Power of CCTV Cameras
	/	Installation & Power of Intrusion Panels
	/	Installation & Power of Intercom System
	/	Installation & Power of Video Recorders (DVR/NVR)
	/	120 VAC Power Receptacles
/		Lifts and Hoists
	/	Floor Coverings for Lifts and Hoists
	/	Fire Stopping (Excludes Existing Penetrations)
	/	Patching and Painting
	/	Electrified Door Locking Hardware
	/	Additional Lighting Requirements for Cameras
	/	Ceiling Tiles and Ceiling Grid Repairs
	/	On-Site Lockable Storage Facility
	/	Vertical Core Drilling
	/	Horizontal Core Drilling
	/	Servers by Convergent
/		Servers by Others
	/	Workstations by Convergent
/		Workstations by Others

Aruba Wifi

2011470754

No	Qty	Part	Description	Unit Price	Ext. Price
			<b>Addison Circle Park WIFI (Aruba)</b>		
			<b>Wireless Equipment</b>		
1	1	3200-US	Aruba 3200 XM Controller - 4x 10/100/1000 Base-T wireless radio controller	\$4,175.00	\$4,175.00
2	8	AP-175AC	AP-175AC Outdoor Access Point 802.11n 2X2 Dual Radio	\$2,048.68	\$16,389.44
			<b>Antenna Materials</b>		
3	8	ANT-2X2-5614U	5.5-5.9GHz, 14.0dBi,MIMO Directional Panel Antenna	\$311.84	\$2,494.72
4	6	ANT-2X2-D805	Dual Band, 120 Degree, 5dBi, MIMO Antenna	\$341.24	\$2,047.44
5	6	AP-ANT-MNT-1	Mount Kit for ANT-2X2-D805, includes pole mount hardware.	\$88.82	\$532.92
6	1	AP-ANT-90	2.4-2.5GHz/4.9-5.99GHz, Down-tilt Omni Antenna	\$561.41	\$561.41
7	16	AP-LAR-1	Aruba Outdoor Antenna Lightning Arrestor, N-Type	\$118.42	\$1,894.72
8	14	AP-LAR-24	Aruba Outdoor Antenna Lightning Arrestor In-Line, 2.4-2.5GHz	\$118.42	\$1,657.88
9	52	AP-CBL-1	Aruba Outdoor Antenna Ext. Cable - 10'	\$86.84	\$4,515.68
10	16	ANT-CBL-1	Outdoor RF Cable, 1M Long, N/M to N/M Jumper	\$30.00	\$480.00
			<b>Pole Equipment</b>		
11	4	WPF20-115BK	Fan kit, w/filter frame, no-screw installation, 33 CFM free air flow	\$318.67	\$1,274.68
12	3	12X24X6 N3R HC	12x24x6x NEMA 3R Hinged Cover Enclosure painted black.	\$200.00	\$600.00
			<b>Software</b>		
13	1	SN1-3200-US	Next Day Support for 3200-US (1 Year)	\$921.05	\$921.05
14	1	LIC-8-AP	8 Access Point License	\$501.32	\$501.32

Aruba Wifi

2011470754

No	Qty	Part	Description	Unit Price	Ext. Price
15	1	SNI-LIC-8-AP	Arubacare support for LIC-8-AP (1 Year)	\$111.84	\$111.84
16	1	LIC-SEC-8	Security Bundle (8 AP License)	\$835.53	\$835.53
17	1	SN1-LIC-SEC-8	Arubacare Support for LIC-SEC-8 (1 Year)	\$184.21	\$184.21
			<b>Fire Wall Software - Excluded on Rev2</b>		
			<b>Lift Rental</b>		
18	1	LIFT RENTAL	Lift Rental	\$1,315.79	\$1,315.79
			<b>Misc</b>		
19	1	ARUBA ACCESSORI	8 - CBL-AC-NA - Weather proof cable assembly 8 - AINS2KKIT - Accessory kit - incudes tape, mastic and wire ties	\$1,389.47	\$1,389.47
			<b>Spare Outdoor AP</b>		
20	1	AP-175AC	AP-175AC Outdoor Access Point 802.11n 2X2 Dual Radio	\$2,048.68	\$2,048.68
			Equipment Total		\$43,931.78
			Installation		\$19,224.37
			Total		\$63,156.15

## Project Investment

Total Project Investment:

\$63,156.15

---

Thank you for considering Convergent Technologies for your Security needs. If you have any questions or would like additional information, please don't hesitate to contact me immediately. If you would like to proceed with the scope of work as outlined in this proposal, please sign below and fax directly to our office.

Sincerely,



---

Convergent Technologies  
Sean Hamilton

By signing below, I accept this proposal and agree to the Terms and Conditions contained herein

---

Customer Name (Printed)

---

Date

---

Authorized Signature

---

Printed Name/Title