

**U.S. Customs and Border Protection
Office of Information & Technology
Cost Sign-Off Document***

(*Actual costs will be derived from actual obligations)

This is a Rough Order of Magnitude Estimate.

Final costs will be determined once the network designs are completed

Site: CWR002A - St. Pete-Clearwater Int'l Airport Renovation
14700 Terminal Boulevard, Suite #120, Clearwater, FL 33762

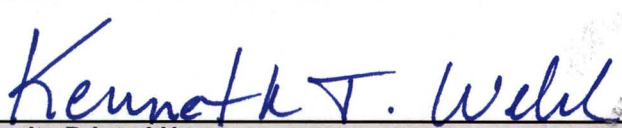
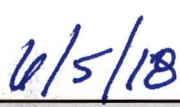
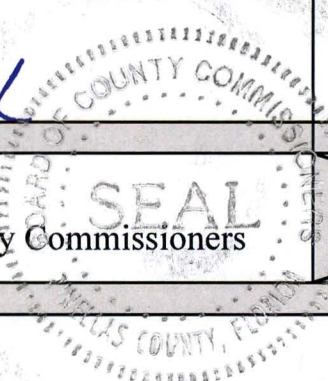
Date Prepared: 1/23/2018, updated 3/21/2018

Preparer: Donald Mitchell

Data Equipment Costs: (OCC-31)

Line Item	Description	Qty	Unit Cost	Total
1	Cisco One Catalyst 3850 48 Port, Layer-3, Modular Access Switch (BRAND NAME or EQUIVALENT) with 24x7x4 support	4	15,000.00	60,000.00
2	Riverbed Steelhead Appliance CX570H (BRAND NAME or EQUIVALENT)	1	\$17,000.00	\$17,000.00
3	SURT2200RMXL2U APC Smart-UPS Rack Height 2U (BRAND NAME or EQUIVALENT)	4	\$1,600.00	\$6,400.00
4	Gigabit Ethernet Transceiver (BRAND NAME or EQUIVALENT) GLC-SX-MMD= GE SFP,LC connector LX/LH transceiver	2	\$325.00	\$650.00
5	3M LC-LC 62.5/125 OM1 Duplex Multimode PVC Fiber Optic Cable - Orange (BRAND NAME or EQUIVALENT)	2	\$30.00	\$60.00
6	Cisco Aironet 3700 Series Wireless Access Point w/License (BRAND NAME or EQUIVALENT)	9	1,300.00	11,700.00
7	Cisco Wireless Controller Cisco ONE - 2500 series WLAN Controller (BRAND NAME or EQUIVALENT)	1	3,000.00	3,000.00
8	Dell Precision Tower 3420 (SCCM Config); Standard Desk Requirements - Slim Line Form Factor (Same as below except 2TB Harddrive) (BRAND NAME or EQUIVALENT)	1	1,500.00	1,500.00
9	Dell Precision Tower 3420 (US-Visit Config); Standard Desk Requirements - Slim Line Form Factor (BRAND NAME or EQUIVALENT)	34	1,500.00	51,000.00
10	Dell P2214T3 - 22 TAA Workstation Monitor - P2214H with 3 Year Warranty	39	\$350.00	\$13,650.00
11	Dell USB Soundbar (BRAND NAME or EQUIVALENT)	39	\$100.00	\$3,900.00
12	3M PF22.0W Privacy Filter (BRAND NAME or EQUIVALENT)	39	\$100.00	\$3,900.00
13	Crossmatch Guardian USB Scanner #920108 (BRAND NAME or EQUIVALENT)	17	\$5,200.00	\$88,400.00
14	Crossmatch L-Guarding 10 print finger print Scanner Mounts for US Visit	17	\$500.00	\$8,500.00
15	3M Passport Reader, Model AT9000MK2 (BRAND NAME or EQUIVALENT)	17	\$2,500.00	\$42,500.00
16	Logitech C920 Pro WebCam w/5' Cable (BRAND NAME or EQUIVALENT)	17	\$100.00	\$1,700.00
17	SnakeClamp 18" Light-Duty Flexible Gooseneck Arm for Camera, Chrome (BRAND NAME or EQUIVALENT) (Replacement for Ledco Flex Arm)	17	\$20.00	\$340.00
18	SnakeClamp Base Plate Mount for Camera (Brand Name or Equivalent) (Replacement for Ledco Flex Arms for Camera)	17	\$20.00	\$340.00

Line Item	Description	Qty	Unit Cost	Total
19	SnakeClamp Camera Mount Adapter (Brand Name or Equivalent) (Replacement for Ledco Flex Arms for Camera)	17	\$20.00	\$340.00
20	HP LaserJet M553dn Color Printer (BRAND NAME or EQUIVALENT)	6	\$800.00	\$4,800.00
21	HP Color LaserJet Pro M477fdn MultiFunction Color Laser Printer (BRAND NAME or EQUIVALENT)	4	\$500.00	\$2,000.00
22	HP Laserjet M402dn Printer (BRAND NAME or EQUIVALENT)	5	\$350.00	\$1,750.00
23	Epson V800 Flatbed Color Image Scanner (BRAND NAME or EQUIVALENT)	5	\$900.00	\$4,500.00
24	Fujitsu ScanSnap iX500 Desktop Scanner	5	\$500.00	\$2,500.00
25	APC Back-UPS BE850M2 - non-Rack Mount (BRAND NAME or EQUIVALENT)	33	\$100.00	\$3,300.00
26	Coolsign Display Engine III (BRAND NAME or EQUIVALENT)	1	\$2,000.00	\$2,000.00
27	Basic Mouse pad - Black	33	\$10.00	\$330.00
28	Hook and Loop Cable Wrap (50) - Black 3/4" x 6" Cable Ties 1.125" diameter capacity	1	\$60.00	\$60.00
29	USB High Speed 2.0 cables A-Male to B-Male, 15 ft	2	\$10.00	\$20.00
30	5ft CAT 6 550 MHz Snagless Patch cables Blue (per 50 cables)	1	\$325.00	\$325.00
31	10ft CAT 6 550 MHz Snagless Patch cables Blue (per 50 cables)	2	\$450.00	\$900.00
32	14ft CAT 6 550 MHz Snagless Patch cables Blue (per 50 cables)	2	\$550.00	\$1,100.00
33	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables)	1	\$300.00	\$300.00
34	10% Cost Contingency for Equipment	1	\$33,877.00	\$33,877.00
Total Data Equipment Cost:				\$372,642.00
Voice Equipment Costs (OCC-31):				
35	Phone System is provided by the Airport	1	\$0.00	\$0.00
36	10% Cost Contingency for Equipment	1	\$0.00	\$0.00
Total Voice Equipment:				\$0.00
Tactical Communication (TACCOM) Equipment Costs (OCC-31):				
37	Dual Band Base Station Radio VHF /7-800 MHz	1	\$8,000.00	\$8,000.00
38	Network Rack Mount Kit for the Base Station Radio	1	\$300.00	\$300.00
39	Desk Microphone with GCAI connector	1	\$150.00	\$150.00
40	Radio Programming Cable	1	\$85.00	\$85.00
41	Radio Gateway Unit	1	\$1,600.00	\$1,600.00
42	RGU Rackmount Panel	1	\$160.00	\$160.00
43	System configuration tool CD software	1	\$210.00	\$210.00
44	Deskset Radio Remote	11	\$1,600.00	\$17,600.00
45	Power Supply	12	\$100.00	\$1,200.00
46	Wall Mounting Kit for the Deskset Radio Remote	11	\$30.00	\$330.00
47	Network Switch POE 12Port w/configurable LAN and SFP Transceiver	2	\$1,650.00	\$3,300.00
48	Non Accountable Property (cabling, grounding &etc)	2	\$860.00	\$1,720.00
49	Antenna, VHF with "N" connector	1	\$800.00	\$800.00
50	Antenna, 7/800 MHz with "N" connector	1	\$700.00	\$700.00
51	UTP Rackmounted Surge Suppression	1	\$1,300.00	\$1,300.00
52	OM4 Fiber Optic Jumper Cable	2	\$100.00	\$200.00
53	Non Penetrating Roof Mount	2	\$250.00	\$500.00
54	10% Cost Contingency for Equipment	1	\$3,816.00	\$3,816.00
Tactical Communication Equipment:				\$41,971.00

Line Item	Description	Qty	Unit Cost	Total
TACCOM Services Costs: (OCC-25)				
55	TACCOM Installation Services - (installation, documentation, vendor travel)	1	\$32,000.00	\$32,000.00
Total TacCom Services Costs:				\$32,000.00
Total TacCom Equipment and Services Costs:				\$73,971.00
Circuit Costs: (OCC-23)				
56	Verizon 10M Circuit <i>Non Recurring</i> Costs (Installation) - ESTIMATED	1	\$17,000.00	\$17,000.00
57	Verizon 10M Monthly Recurring Costs - ESTIMATED @ \$1500.00/Month	1	\$18,000.00	\$18,000.00
58	Potential Special Construction Costs	1	\$10,000.00	\$10,000.00
Total Initial Circuit Costs:				\$45,000.00
Travel / Installation Costs: (OCC-21)				
59	Travel for Data Engineers	0	\$2,500.00	\$0.00
60	Travel for Voice Engineers	0	\$2,500.00	\$0.00
61	Travel for TacCom Engineers	2	\$2,500.00	\$5,000.00
Total Travel Costs:				\$5,000.00
TOTAL ESTIMATED INITIAL EQUIPMENT AND SERVICES COSTS				\$496,613.00
Out Year Recurring Service Costs:				
62	Verizon 10M Monthly Recurring Costs - ESTIMATED @ \$1500.00/Month	1	\$18,000.00	\$18,000.00
Total Estimated Annual Service Costs				\$18,000.00
<p>NOTE: The OIT Cost Sign-Off Document and the associated estimated costs listed above expires 90 days from the above Date Prepared or at the end of the Governments current fiscal year, whichever comes first. After such time, a new OIT Cost Sign-Off Document is required.</p>				
Acceptance				
By signing below, I accept any and all costs associated with the purchase and installation of equipment itemized above.				
Authority Signature:			Date:	
				
Authority Printed Name:				
Kenneth T. Welch Chairman, Pinellas County Board of County Commissioners				
Phone/Email Address:				
727-453-7800 / jewsbury@fly2pie.com				

OIT REFERENCE #: CWR002A-OFO-18050C

Document Expiration Date: 7/1/2018

ATTEST: KEN BURKE, CLERK

By: 
Deputy Clerk