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

ine. tem	Description	Qty	Unit Cost	Total
	SnakeClamp Camera Mount Adapter			
19	(Brand Name or Equivalent)	17	\$20.00	\$340.
	(Replacement for Ledco Flex Arms for Camera)			
20	HP LaserJet M553dn Color Printer	6	\$800.00	\$4,800.
	(BRAND NAME or EQUIVALENT)		,	+ ,,
21	HP Color LaserJet Pro M477fdn MultiFunction Color Laser Printer	4	\$500.00	\$2,000.
	(BRAND NAME or EQUIVALENT)		*****	+_,
22	HP Laserjet M402dn Printer	5	\$350.00	\$1,750.
	(BRAND NAME or EQUIVALENT)	ľ	*****	¢1,100.
23	Epson V800 Flatbed Color Image Scanner	5	\$900.00	\$4,500.
	(BRAND NAME or EQUIVALENT)	Ĭ	<b>\$555.00</b>	<b>\$1,000</b>
24	Fujitsu ScanSnap iX500 Desktop Scanner	5	\$500.00	\$2,500.
25	APC Back-UPS BE850M2 - non-Rack Mount	33	\$100.00	\$3,300.
20	(BRAND NAME or EQUIVALENT)		\$100.00	ψ0,000.
26	Coolsign Display Engine III	1	\$2,000.00	\$2,000.
20	(BRAND NAME or EQUIVALENT)		\$2,000.00	φ2,000.
27	Basic Mouse pad - Black	33	\$10.00	\$330.
28	Hook and Loop Cable Wrap (50) - Black	1	\$60.00	<u>\$330.</u> \$60.
20	3/4" x 6" Cable Ties	1 1	\$60.00	<b>\$60</b> .
29	1.125" diameter capacity USB High Speed 2.0 cables A-Male to B-Male, 15 ft	2	\$10.00	\$20
30		1	\$10.00	\$20.
31	5ft CAT 6 550 MHz Snagless Patch cables Blue (per 50 cables)		\$325.00	\$325.
	10ft CAT 6 550 MHz Snagless Patch cables Blue (per 50 cables)	2	\$450.00	\$900.
	A 46 CAT C FFO MULE Creations Database Diver (man FO ashina)	2		
32	14ft CAT 6 550 MHz Snagless Patch cables Blue (per 50 cables)	2	\$550.00	
32 33	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables)	1	\$300.00	\$300.
32	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos	1 1 t:		\$1,100. \$300. \$33,877. \$372,642.
32 33 34	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC-	1 1 t:	\$300.00 \$33,877.00	\$300. \$33,877. \$372,642.
32 33 34 35	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport	1 1 t:	\$300.00 \$33,877.00 \$0.00	\$300. \$33,877. \$372,642. \$0.
32 33 34	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC-	1 1 t: -31): 1 1	\$300.00 \$33,877.00	\$300. \$33,877. \$372,642. \$0. \$0.
32 33 34 35 36	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipment	1 1 t: - <b>31):</b> 1 1 t:	\$300.00 \$33,877.00 \$0.00 \$0.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0.
32 33 34 35 36 37	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz	1 1 -31): 1 1 1 1 t: ent Co	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 36 37 38	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cost Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipmen Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio	1 1 t: - <b>31):</b> 1 1 t:	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$300.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 36 37 38	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector	1 1 -31): 1 1 1 1 t: ent Co	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 35 36 37 38 39 40	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable	1 1 t: -31): 1 1 1 t: ent Cc	\$300.00 \$33,877.00 \$0	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 36 37 38 39 40	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit	1 1 t: 31): 1 1 t: ent Co	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$85.00 \$1,600.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 36 37 38 39 40 41	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel	1 1 t: -31): 1 1 t: ent Cc 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$85.00 \$1,600.00 \$160.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 36 37 38 39 40 41 42	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit	1 1 1 31): -31): 1 1 1 t: ent Cc 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$150.00 \$150.00 \$160.00 \$160.00 \$210.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 36 37 38 39 40 41 42 43 44	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,000 \$1,600.00 \$1,600.00 \$1,600.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$150. \$85. \$1,600. \$160. \$210.
32 33 34 35 36 37 38 39 40 41 42 43 44	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,000 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$150. \$85. \$1,600. \$160. \$160. \$117,600. \$1,200.
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipment Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply Wall Mounting Kit for the Deskset Radio Remote	1 1 t: 31): 1 1 1 t: ent Cc 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$150.00 \$1,600.00 \$1,000 \$1,000.00	\$300. \$33,877. \$372,642. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply Wall Mounting Kit for the Deskset Radio Remote Network Switch POE 12Port w/configurable LAN and SFP Transceiver	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$150.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,650.00 \$1,650.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$150. \$150. \$150. \$150. \$150. \$150. \$150. \$150. \$150. \$150. \$150. \$150. \$150. \$150. \$150. \$160. \$160. \$17,600. \$17,600. \$17,600. \$1,200. \$330. \$3,300.
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipment Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply Wall Mounting Kit for the Deskset Radio Remote Network Switch POE 12Port w/configurable LAN and SFP Transceiver Non Accountable Property (cabling, grounding &etc)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$150.00 \$1,600.00 \$1,600.00 \$1,650.00 \$30.00 \$1,650.00 \$860.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply Wall Mounting Kit for the Deskset Radio Remote Network Switch POE 12Port w/configurable LAN and SFP Transceiver Non Accountable Property (cabling, grounding &etc) Antenna, VHF with "N" connector	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$150.00 \$150.00 \$160.00 \$1,600.00 \$1,600.00 \$1,650.00 \$30.00 \$1,650.00 \$860.00 \$800.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$150. \$330. \$150. \$41,600. \$160. \$117,600. \$17,600. \$1,200. \$330. \$3,300. \$3,300. \$3,300. \$1,720. \$800.
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply Wall Mounting Kit for the Deskset Radio Remote Network Switch POE 12Port w/configurable LAN and SFP Transceiver Non Accountable Property (cabling, grounding &etc) Antenna, VHF with "N" connector	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$150.00 \$150.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,650.00 \$30.00 \$1,650.00 \$860.00 \$800.00 \$700.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$150. \$300. \$150. \$150. \$150. \$160. \$117,600. \$1,200. \$1,200. \$3,300. \$3,300. \$3,300. \$3,300. \$3,300. \$1,720. \$800. \$10. \$10. \$10. \$10. \$10. \$10. \$10. \$10. \$17,600. \$10. \$17,600. \$17,600. \$10. \$10. \$10. \$17,600. \$10. \$17,600. \$10. \$10. \$10. \$10. \$10. \$17,600. \$10. \$10. \$10. \$10. \$10. \$17,600. \$10.
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply Wall Mounting Kit for the Deskset Radio Remote Network Switch POE 12Port w/configurable LAN and SFP Transceiver Non Accountable Property (cabling, grounding &etc) Antenna, VHF with "N" connector UTP Rackmounted Surge Suppression	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,000 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,650.00 \$1,650.00 \$860.00 \$800.00 \$1,300.00 \$1,300.00	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$150. \$150. \$150. \$150. \$150. \$160. \$160. \$160. \$17,600. \$17,600. \$17,600. \$17,600. \$17,600. \$17,600. \$17,600. \$17,600. \$17,600. \$17,600. \$1,200. \$3,300. \$1,720. \$800. \$3,300. \$1,720. \$800. \$1,720. \$800. \$1,720. \$1,720. \$1,720. \$1,300.
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply Wall Mounting Kit for the Deskset Radio Remote Network Switch POE 12Port w/configurable LAN and SFP Transceiver Non Accountable Property (cabling, grounding &etc) Antenna, 7/800 MHz with "N" connector UTP Rackmounted Surge Suppression OM4 Fiber Optic Jumper Cable	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,650.00 \$30.00 \$1,650.00 \$30.00 \$1,650.00 \$30.00 \$1,650.00 \$1,600.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,600.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,600.00 \$1,650.00 \$1,650.00 \$1,600.00 \$1,650.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,650.00 \$1,600.00 \$1,000 \$1,000.00 \$1,0	\$300. \$33,877. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$150. \$300. \$150. \$150. \$150. \$160. \$117,600. \$1,200. \$330. \$1,720. \$300. \$1,720. \$800. \$100. \$1,720. \$100. \$100. \$1,720. \$100. \$100. \$1,720. \$100. \$100. \$1,720. \$100. \$100. \$1,720. \$100.
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Tactical Communication (TACCOM) Equipme Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply Wall Mounting Kit for the Deskset Radio Remote Network Switch POE 12Port w/configurable LAN and SFP Transceiver Non Accountable Property (cabling, grounding &etc) Antenna, 7/800 MHz with "N" connector UTP Rackmounted Surge Suppression OM4 Fiber Optic Jumper Cable Non Penetrating Roof Mount	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$150.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,650.00 \$30.00 \$1,650.00 \$30.00 \$1,650.00 \$1,650.00 \$1,0000	\$300. \$33,877. \$372,642. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	25ft CAT 6 550 MHz Snagless Patch cables Blue (per 25 cables) 10% Cost Contingency for Equipment Total Data Equipment Cos Voice Equipment Costs (OCC- Phone System is provided by the Airport 10% Cost Contingency for Equipment Total Voice Equipment Total Voice Equipmen Dual Band Base Station Radio VHF /7-800 MHz Network Rack Mount Kit for the Base Station Radio Desk Microphone with GCAI connector Radio Programming Cable Radio Gateway Unit RGU Rackmount Panel System configuration tool CD software Deskset Radio Remote Power Supply Wall Mounting Kit for the Deskset Radio Remote Network Switch POE 12Port w/configurable LAN and SFP Transceiver Non Accountable Property (cabling, grounding &etc) Antenna, 7/800 MHz with "N" connector UTP Rackmounted Surge Suppression OM4 Fiber Optic Jumper Cable	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$300.00 \$33,877.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,650.00 \$30.00 \$1,650.00 \$30.00 \$1,650.00 \$30.00 \$1,650.00 \$1,600.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,600.00 \$1,650.00 \$1,650.00 \$1,650.00 \$1,600.00 \$1,650.00 \$1,650.00 \$1,600.00 \$1,650.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,600.00 \$1,650.00 \$1,600.00 \$1,000 \$1,000.00 \$1,0	\$300. \$33,877. \$372,642. \$372,642. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0

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 Non Recurring 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					
	TOTAL ESTIMATED INITIAL EQUIPMENT AND SERVICES COSTS			\$490,013.00					
	Out Voor Poourring Service Cos	to.							
<b>C</b> D	Out Year Recurring Service Cos	sis.	t10 000 001	¢10.000.00					
62	Verizon 10M Monthly Recurring Costs - ESTIMATED @ \$1500.00/Month Total Estimated Annual Service Costs	1	\$18,000.00	\$18,000.00 \$18,000.00					
	Total Estimated Annual Service Costs			\$10,000.00					
NOTE:	The OIT Cost Sign-Off Document and the associated estimated costs listed a	above	expires 90 days	s from the					
above	Date Prepared or at the end of the Governments current fiscal year, which	ever co	mes first. Afte	r such time, a					
new O	IT Cost Sign-Off Document is required.								
	Acceptance	n							
By siar	ning below, I accept any and all costs associated with the purchase and installa	ation of	equipment iter	nized above.					
Aumo	nty Signature.	N.	Date:						
	A STREETILITIERS,	6							
	Kenneth T. Well Sounty COMME	192	10/2/18	2					
7	reunoth V. Well		4/3/10	>					
Autho	rity Printed Name:		and a second second	/					
Ker	neth T. Welch	1.5 8	-						
	irman, Pinellas County Board of County Commissioners	121	>						
Clia	initiali, I menas County Board of County Commissioners		_						
Phone	/Email Address:	e i		Contract States					
727	7-453-7800 / jewsbury@fly2pie.com								
A S S S S S S S S S S S S S S S S S S S									
OIT REFERENCE #: CWR002A-OFO-18050C									
Doci	Document Expiration Date. 11/2010								
	By: <u>flou</u>								
		Depu	uty Clerk						