PRESIDIO
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TO:

City of Killeen
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(p) .

FROM:

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Customer#:	CITYO595

Contract Vehicle: Texas DIR-TSO-2544 CISCO Branded Equipment and Related Services

Account Manager: Bill Short
Inside Sales Rep: Shawnda Freeman
Title: 2003115006486-02- Technology Refresh Equipment Only

#	Part #	Description	List Price	Unit Price	Qty	Ext List Price	Ext Price
Technology Refresh - Data Center							
C1-N5K-C5672UP							
1	C1-N5K-C5672UP	Cisco OneNexus5672UP 1RU,32x10G SFP+,16pxUP SFP+,6x40G QSFP+	$32,000.00	$12,800.00	2	$64,000.00	$25,600.00
2	CON-SNT-KC5672UP	SNTC-8X5XNBD CA Nexus5672UP 1RU,32x10G SFP+,16pxUPSFP	$1,316.00	$917.91	2 for 60 mo(s)	$2,632.00	$9,179.10
3	CAB-C13-CBN	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	$0.00	$0.00	4	$0.00	$0.00
4	N6KUK9-705N1.1	Nexus 5600/6000 Base OS Software Rel 7.0(5)N1(1)	$0.00	$0.00	2	$0.00	$0.00
5	NXA-PAC-1100W-B	Nexus 1100W Platinum PS, Port side intake airflow	$0.00	$0.00	4	$0.00	$0.00
6	N6K-C6001-FAN-B	Nexus 6001 Fan for Port Side Intake (Back to Front) airflow	$0.00	$0.00	6	$0.00	$0.00
7	N1K-VLCPU-96-ESSTL	Nexus 1000V Essential Edition Paper Delivery License Qty 96	$0.00	$0.00	2	$0.00	$0.00
8	C1F2PNEX56721K9	Cisco ONE Foundation Perpetual Nexus 5672	$12,000.00	$4,800.00	2	$24,000.00	$9,600.00
9	CON-ECMU-C1FPNE21	SWSS UPGRADES Cisco ONE Foundation Perpetual Nexus 567	$1,800.00	$1,255.50	2 for 60 mo(s)	$3,600.00	$12,555.00
10	N5672-ACC-KIT	Nexus 5672 Chassis Accessory Kit	$0.00	$0.00	2	$0.00	$0.00
11	C1-DCL-N5K-K9	Cisco ONE DCNM for LAN Advanced Edt. for Nexus 5000	$0.00	$0.00	2	$0.00	$0.00
12	N56-BAS1K9	Nexus 5600 Series LAN Base License	$0.00	$0.00	2	$0.00	$0.00
13	N56-LAN1K9	Nexus 5600 Series LAN Enterprise License	$0.00	$0.00	2	$0.00	$0.00
14	N56-VMFEX9	Nexus 5600 VM-FEX license	$0.00	$0.00	2	$0.00	$0.00
15	C1-PI-LFAS-N5K-K9	Cisco ONE PI Device License for LF & AS for Nexus 5K	$0.00	$0.00	2	$0.00	$0.00
16	C1-EGW-DC-K9	Cisco ONE Energy Mgmt Perpetual Lic - 1 DC End Point	$0.00	$0.00	2	$0.00	$0.00
17	N5672-EL2-SSK9	Nexus 5672 Enhanced Layer 2 License	$0.00	$0.00	2	$0.00	$0.00
18	N56-SERVICES1K9	Nexus 5600 Network Services (includes ITD, RISE)	$0.00	$0.00	2	$0.00	$0.00
						Total:	**$56,934.10**
N2K-C2248TP-E							
19	N2K-C2248TP-E	N2K-C2248TP-E-1GE (48x100/1000-T+4x10GE), airflow/PS option	$9,000.00	$3,600.00	6	$54,000.00	$21,600.00
20	CON-SNT-C2248TPE	Null SKU-No line item services included	$0.00	$0.00	6 for 60 mo(s)	$0.00	$0.00

21	SFP-10G-SR	10GBASE-SR SFP Module	$995.00	$398.00	6	$5,970.00	$2,388.00
22	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	$0.00	$0.00	12	$0.00	$0.00
23	N2248TP-E-FA-BUN	Standard Airflow pack:N2K-C2248TP-E-1GE, 2 AC PS, 1Fan	$0.00	$0.00	6	$0.00	$0.00
24	CON-SNT-2248EFA	SNTC-8X5XNBD Standard Airflow pack:N2K-C2248TP-E-1GE	$236.00	$164.61	6 for 60 mo(s)	$1,416.00	$4,938.30
					Total:		**$28,926.30**
R-MGMT3X-N-K9							
25	R-MGMT3X-N-K9	Cisco Ent MGMT: Lic For PI 3.x And APIC EM Solution Apps	$0.00	$0.00	1	$0.00	$0.00
26	CON-ECMU-RMGMT3XN	SWSS UPGRADES Cisco MGMT: Lic For Prime Infra 3.x And	$0.00	$0.00	1 for 60 mo(s)	$0.00	$0.00
27	R-PI30-SW-K9	Prime Infrastructure 3.0 Software	$25.00	$10.00	1	$25.00	$10.00
28	CON-ECMU-R30SSWK9	SWSS UPGRADES Prime Infrastructure	$5.00	$3.49	1 for 60 mo(s)	$5.00	$17.45
29	L-MGMT3X-US-K9	Cisco Ent MGMT: PI 3.x UCS Server MGMT Lic, 1 Srv	$495.00	$198.00	2	$990.00	$396.00
30	CON-ECMU-LMGMTUSK	SWSS UPGRADES Cisco Ent MGMT: PI 3.x UCS Server MGMT L	$99.00	$69.05	2 for 60 mo(s)	$198.00	$690.50
31	L-MGMT3X-AP-K9	Cisco Ent MGMT: PI 3.x LF, AS & APIC-EM Lic, 1 AP	$105.00	$42.00	86	$9,030.00	$3,612.00
32	CON-ECMU-LMGMTAPK	SWSS UPGRADES Cisco Ent MGMT PI 3.x LF, AS APIC-EM	$21.00	$14.65	86 for 60 mo(s)	$1,806.00	$6,299.50
					Total:		**$11,025.45**
UCS-MINI-Z0001							
33	UCS-MINI-Z0001	Cisco Unified Computing System	$0.00	$0.00	1	$0.00	$0.00
34	UCSB-5108-AC2	UCS 5108 Blade Server AC2 Chassis, 0 PSU/8 fans/0 FEX	$5,999.00	$2,399.60	1	$5,999.00	$2,399.60
35	CON-SNTP-6508AC2	SNTC-24X7X4 UCS 5108 AC Chassis, updated backplane	$244.00	$170.19	1 for 60 mo(s)	$244.00	$850.95
36	N20-FW013	UCS Blade Server Chassis FW Package 3.0	$0.00	$0.00	1	$0.00	$0.00
37	UCSB-5108-PKG-HW	UCS 5108 Packaging for chassis with half width blades.	$0.00	$0.00	1	$0.00	$0.00
38	N20-CAK	Accessory kit for UCS 5108 Blade Server Chassis	$0.00	$0.00	1	$0.00	$0.00
39	N01-UAC1	Single phase AC power module for UCS 5108	$0.00	$0.00	1	$0.00	$0.00
40	N20-FAN5	Fan module for UCS 5108	$0.00	$0.00	8	$0.00	$0.00
41	UCSB-B200-M4	UCS B200 M4 w/o CPU, mem, drive bays, HDD, mezz	$2,995.00	$1,198.00	5	$14,975.00	$5,990.00
42	CON-SNTP-B200M4	SNTC-24X7X4UCS B200 M4 w/o CPU,mem,dr b,HDD,mezz	$370.00	$258.07	5 for 60 mo(s)	$1,850.00	$6,451.75
43	UCS-MR-1X322RU-A	32GB DDR4-2133-MHz RDIMM/PC4-17000/dual rank/x4/1.2v	$1,250.00	$500.00	10	$12,500.00	$5,000.00
44	UCSB-MRAID12G	Cisco FlexStorage 12G SAS RAID controller with Drive bays	$749.00	$299.60	5	$3,745.00	$1,498.00
45	UCS-HD12T10KS2-E	1.2 TB 6G SAS 10K rpm SFF HDD	$1,460.63	$584.25	10	$14,606.30	$5,842.50
46	UCSB-MLOM-40G-03	Cisco UCS VIC 1340 modular LOM for blade servers	$1,499.00	$599.60	5	$7,495.00	$2,998.00
47	UCSB-HS-EP-M4-F	CPU Heat Sink for UCS B200 M4/B420 M4 (Front)	$0.00	$0.00	5	$0.00	$0.00
48	UCSB-HS-EP-M4-R	CPU Heat Sink for UCS B200 M4/B420 M4 (Rear)	$0.00	$0.00	5	$0.00	$0.00
49	C1UCS-OPT-OUT	Cisco ONE Data Center Compute Opt Out Option	$0.00	$0.00	5	$0.00	$0.00

50	UCS-CPU-E52697D	2.60 GHz E5-2697 v3/145W 14C/35MB Cache/DDR4 2133MHz	$8,489.00	$3,395.60	10	$84,890.00	$33,956.00
51	N20-CBLKB1	Blade slot blanking panel for UCS 5108/single slot	$0.00	$0.00	3	$0.00	$0.00
52	UCSB-PSU-2500ACDV	2500W Platinum AC Hot Plug Power Supply - DV	$936.00	$374.40	4	$3,744.00	$1,497.60
53	CAB-C19-CBN	Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors	$0.00	$0.00	4	$0.00	$0.00
54	UCS-FI-M-6324	UCS 6324 In-Chassis FI with 4 UP, 1x40G Exp Port, 16 10Gb	$22,000.00	$8,800.00	2	$44,000.00	$17,600.00
55	CON-SNTP-FIM6324	SNTC-24X7X4 UCS 6324 In-Chs FI w/4 UP 1x40G E-Port	$359.00	$250.40	2 for 60 mo(s)	$718.00	$2,504.00
56	N10-MGT013	UCS Manager 3.0 for 6324	$0.00	$0.00	2	$0.00	$0.00
57	VMW-VSP-EPL-5A	VMware vSphere 6 Ent Plus (1 CPU), 5-yr, Support Required	$6,407.50	$2,691.15	10	$64,075.00	$26,911.50
58	CON-ISV1-VSXEPL5A	VSphere Enterprise Plus for 1 CPU; ANNUAL List 5-YR Reqd	$815.00	$616.22	10 for 60 mo(s)	$8,150.00	$30,811.00
59	FET-10G	10G Line Extender for FEX	$0.00	$0.00	2	$0.00	$0.00
60	SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	$100.00	$40.00	2	$200.00	$80.00
						Total:	**$144,390.90**
SFP-10G-LR-S=							
61	SFP-10G-LR-S=	10GBASE-LR SFP Module, Enterprise-Class	$1,900.00	$760.00	20	$38,000.00	$15,200.00
						Total:	**$15,200.00**
CUIC-SVR-OFFERS=							
62	CUIC-SVR-OFFERS=	Cisco UCS Director Server Offerings	$0.00	$0.00	1	$0.00	$0.00
63	CON-SAU-SVROFFERS	Cisco UCS Director Server Offerings Software Application Sup	$0.00	$0.00	1 for 60 mo(s)	$0.00	$0.00
64	CUIC-BASE-K9	Cisco UCS Director Software License	$1,000.00	$400.00	1	$1,000.00	$400.00
65	CON-SAU-CUICBASE	SW APP SUPP + UPGR Cisco UCS Director Base Software	$140.00	$97.65	1 for 60 mo(s)	$140.00	$488.25
66	CUIC-TERM	Acceptance of Cisco UCS Director License Terms	$0.00	$0.00	1	$0.00	$0.00
						Total:	**$888.25**
SFP-10G-LRM=							
67	SFP-10G-LRM=	10GBASE-LRM SFP Module	$995.00	$398.00	90	$89,550.00	$35,820.00
						Total:	**$35,820.00**
ASA5555-K9							
68	ASA5555-K9	ASA 5555-X with SW, 8GE Data, 1GE Mgmt, AC, 3DES/AES	$24,995.00	$9,998.00	2	$49,990.00	$19,996.00
69	CON-SNT-A55K9	SNTC-8X5XNBD ASA 5555-X with SW,	$2,999.00	$2,091.80	2 for 60 mo(s)	$5,998.00	$20,918.00
70	ASA-PWR-AC	ASA 5545-X/5555-X AC Power Supply	$0.00	$0.00	2	$0.00	$0.00
71	SF-ASA-X-9.1-K8	ASA 9.1 Software image for ASA 5500-X Series,5585-X & ASA-SM	$0.00	$0.00	2	$0.00	$0.00
72	CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	$0.00	$0.00	2	$0.00	$0.00
73	ASA-VPN-CLNT-K9	Cisco VPN Client Software (Windows, Solaris, Linux, Mac)	$0.00	$0.00	2	$0.00	$0.00
74	CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	$0.00	$0.00	2	$0.00	$0.00
75	ASA-PWR-AC	ASA 5545-X/5555-X AC Power Supply	$1,500.00	$600.00	2	$3,000.00	$1,200.00

#	Part	Description			Qty		
76	ASA-ANYCONN-CSD-K9	ASA 5500 AnyConnect Client + Cisco Security Desktop Software	$0.00	$0.00	2	$0.00	$0.00
77	ASA5500-ENCR-K9	ASA 5500 Strong Encryption License (3DES/AES)	$0.00	$0.00	2	$0.00	$0.00
78	ASA5555-MB	^ASA 5555 IPS Part Number with which PCB Serial is associated	$0.00	$0.00	2	$0.00	$0.00
79	ASA-IC-C-BLANK	ASA 5545-X/5555-X Interface Card Blank Slot Cover	$0.00	$0.00	2	$0.00	$0.00
80	ASA-HD-BLANK	ASA 5512-X -- 5555-X Hard Drive Blank Slot Cover	$0.00	$0.00	4	$0.00	$0.00
						Total:	**$42,114.00**
AMP8150-BUN							
81	AMP8150-BUN	Cisco AMP FirePOWER 8150 Chassis and Subscription Bundle	$0.00	$0.00	1	$0.00	$0.00
82	AMP8150-K9	Cisco FirePOWER AMP8150 Chassis, 1U, 3 Slots	$105,595.00	$42,238.00	1	$105,595.00	$42,238.00
83	CON-SNT-AMP8150	SNTC-8X5XNBD FirePOWER AMP8150	$8,448.00	$5,892.48	1 for 60 mo(s)	$8,448.00	$29,462.40
84	CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	$0.00	$0.00	2	$0.00	$0.00
85	FP-PWR-AC-650W-	Cisco FirePOWER 650W AC Power Supply	$0.00	$0.00	2	$0.00	$0.00
86	AMP8150-CTRL-LIC	Cisco FirePOWER 8150 Control License	$0.00	$0.00	1	$0.00	$0.00
87	FPNM-4CU-1G-BP	FirePOWER 4-Port 1 Gbps Copper Network Module Bypass	$7,795.00	$3,118.00	1	$7,795.00	$3,118.00
88	CON-SNT-NM-4CU	SNTC-8X5XNBD NetMod 4-Port 1 Gbps Copper Bypass	$624.00	$435.24	1 for 60 mo(s)	$624.00	$2,176.20
89	SF-FP5.4-K9	Cisco FirePOWER Software v5.4	$0.00	$0.00	1	$0.00	$0.00
90	AMP8150-TAM-LIC=	Cisco FirePOWER AMP8150 IPS, Apps and AMP Service Licenses	$0.00	$0.00	1	$0.00	$0.00
91	AMP8150-TAM-5Y	Cisco FirePOWER 8150 IPS, Apps and AMP 5YR Service Subs	$93,345.00	$37,338.00	1	$93,345.00	$37,338.00
						Total:	**$114,332.60**
FS-VMW-SW-K9							
92	FS-VMW-SW-K9	Cisco FireSIGHT Management Center,Virtual(VMWare) FSIGHT Lic	$10,795.00	$4,318.00	1	$10,795.00	$4,318.00
93	CON-SAU-VMW	SW APP SUPP + UPGR Virtual FireSIGHT Software	$1,799.00	$1,254.80	1 for 60 mo(s)	$1,799.00	$6,274.00
						Total:	**$10,592.00**
L-ISE-APX-S-1K=							
94	L-ISE-APX-S-1K=	Cisco ISE 1K Endpoint Apex Subscription License	$0.00	$0.00	1	$0.00	$0.00
95	ISE-APX-5YR-1K	Cisco ISE 1K Endpoint Apex Subscription License	$15,000.00	$6,000.00	1	$15,000.00	$6,000.00
						Total:	**$6,000.00**
L-ISE-APX-S-100=							
96	L-ISE-APX-S-100=	Cisco ISE 100 Endpoint Apex Subscription License	$0.00	$0.00	1	$0.00	$0.00
97	ISE-APX-5YR-100	Cisco ISE 100 Endpoint Apex Subscription License	$1,550.00	$620.00	1	$1,550.00	$620.00
						Total:	**$620.00**
ISE-VM-K9=							
98	ISE-VM-K9=	Cisco Identity Services Engine Virtual Machine Image	$5,990.00	$2,396.00	1	$5,990.00	$2,396.00
99	CON-SAU-ISEVM	SW APP SUPP + UPGR Cisco Identity Services Engine Virtual M	$1,198.00	$835.61	1 for 60 mo(s)	$1,198.00	$4,178.05
						Total:	**$6,574.05**
L-ISE-PLS-S-100=							

#	Part Number	Description	List	Unit	Qty	Ext List	Ext Net
100	L-ISE-PLS-S-100=	Cisco ISE 100 Endpoint Plus Subscription License	$0.00	$0.00	20	$0.00	$0.00
101	ISE-PLS-5YR-100	Cisco ISE 5-Yr 100 Endpoint Plus License	$2,000.00	$800.00	20	$40,000.00	$16,000.00
						Total:	**$16,000.00**
L-ISE-PLS-S-1K=							
102	L-ISE-PLS-S-1K=	Cisco ISE 1K Endpoint Plus Subscription License	$0.00	$0.00	2	$0.00	$0.00
103	ISE-PLS-5YR-1K	Cisco ISE 5-Yr 1K Endpoint Plus License	$20,000.00	$8,000.00	2	$40,000.00	$16,000.00
						Total:	**$16,000.00**
LIC-SME-5YR							
104	LIC-SME-5YR	Meraki License Systems Manager Enterprise, 5 Year	$120.00	$48.00	1200	$144,000.00	$57,600.00
						Total:	**$57,600.00**
FP-AMP-LIC=							
105	FP-AMP-LIC=	Cisco Advanced Malware Protection Service License	$0.00	$0.00	1500	$0.00	$0.00
106	FP-AMP-5Y-S4	Cisco Advanced Malware Protection 5YR, 1K-4999 Nodes	$168.00	$67.20	1500	$252,000.00	$100,800.00
						Total:	**$100,800.00**
L-AC-PLS-5YR-G							
107	L-AC-PLS-5YR-G	Cisco AnyConnect / RA VPN 5-Yr Plus License Group	$0.00	$0.00	1	$0.00	$0.00
108	AC-PLS-5YR-1500-S	Cisco AnyConnect 5-Yr 1500 User Plus License	$0.00	$0.00	1	$0.00	$0.00
109	AC-PLS-5YR-1500	Cisco AnyConnect 5-Yr 1500 User Plus Subscription	$3,750.00	$1,500.00	1	$3,750.00	$1,500.00
110	L-AC-PLS-S-5Y-1500	Cisco AnyConnect 5-Yr 1500 User Plus (ASA License Key)	$0.00	$0.00	99999	$0.00	$0.00
						Total:	**$1,500.00**
			Total (Technology Refresh - Data Center):			**$665,317.65**	**$665,317.65**
Technology Refresh - Layer 3 Distribution							
C1-C4500X-16SFP+							
111	C1-C4500X-16SFP+	Cisco ONE Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back	$16,000.00	$6,400.00	10	$160,000.00	$64,000.00
112	CON-SNT-45X16SFP	SNTC-8X5XNBD C1 Cat 4500-X 16 Port 10G IP Base	$1,080.00	$753.30	10 for 60 mo(s)	$10,800.00	$37,665.00
113	C4KX-PWR-750AC-R	Catalyst 4500X 750W AC front to back cooling power supply	$2,000.00	$800.00	10	$20,000.00	$8,000.00
114	C4KX-PWR-750AC-R/2	Catalyst 4500X 750W AC front to back cooling 2nd PWR supply	$2,000.00	$800.00	10	$20,000.00	$8,000.00
115	CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	$0.00	$0.00	20	$0.00	$0.00
116	S45XUK9-37E	CAT4500-X Universal Crypto Image	$0.00	$0.00	10	$0.00	$0.00
117	SFP-10G-SR	10GBASE-SR SFP Module	$995.00	$398.00	30	$29,850.00	$11,940.00
118	C1FAPCAT4500X	Cisco ONE Foundation Perpetual Cat4500X Std	$180.00	$72.00	10	$1,800.00	$720.00
119	CON-ECMU-C1FA4500X	SWSS UPGRADES C1 Foundation Perpetual Cat4500X Std	$27.00	$18.83	10 for 60 mo(s)	$270.00	$941.50
120	C1AAPCAT45001	Cisco ONE Advanced Perpetual Cat4500X 16P and 24P Std	$4,000.00	$1,600.00	10	$40,000.00	$16,000.00
121	CON-ECMU-C1AAPCAT4	SWSS UPGRADES Cisco ONE Advanced P	$600.00	$418.50	10 for 60 mo(s)	$6,000.00	$20,925.00
122	C4KX-NM-BLANK	Catalyst 4500X Network Module Blank	$0.00	$0.00	10	$0.00	$0.00

123	C1-PI-LFAS-4K6K-K9	Cisco ONE PI Device License for LF & AS for Cat 4k, 6k	$0.00	$0.00	10	$0.00	$0.00
124	C4500X-16P-ES-C1	Cisco ONE Ent. Services license for 16P Catalyst 4500-X	$0.00	$0.00	10	$0.00	$0.00
					Total:		**$168,191.50**
		Total (Technology Refresh - Layer 3 Distribution):				**$168,191.50**	**$168,191.50**

Technology Refresh - Access Layer Switches

C1-C2960X-24PD-L

125	C1-C2960X-24PD-L	Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base	$4,595.00	$1,838.00	19	$87,305.00	$34,922.00
126	CON-ECMU-29X24PDL	SWSS UPGRADES C1 Cat 2960-X 24 GigE PoE 370W,2 x 10G SFP+	$0.00	$0.00	19 for 60 mo(s)	$0.00	$0.00
127	CAB-16AWG-AC	AC Power cord, 16AWG	$0.00	$0.00	19	$0.00	$0.00
128	C1FPCAT29001K9	Cisco ONE Foundation Perpetual - Catalyst 2900 24 Port	$200.00	$80.00	19	$3,800.00	$1,520.00
129	CON-ECMU-C1FPC291	SWSS UPGRADES C1 FND Perpetual - Cat2900 24 Port	$30.00	$20.93	19 for 60 mo(s)	$570.00	$1,988.35
130	C1-EGW-50-K9	Cisco ONE Energy Mgmt Perpetual Lic - 50 DO End Points	$0.00	$0.00	19	$0.00	$0.00
131	C1-ISE-BASE-24P	Cisco ONE Identity Services Engine 50 EndPoint Base Lic	$0.00	$0.00	19	$0.00	$0.00
132	C1-PI-LFAS-2K3K-K9	Cisco ONE PI Device License for LF & AS for Cat 2k, 3k	$0.00	$0.00	19	$0.00	$0.00
					Total:		**$38,430.35**

C1-C2960X-48FPD-L

133	C1-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	$7,995.00	$3,198.00	77	$615,615.00	$246,246.00
134	CON-ECMU-2948FPDL	SWSS UPGRADES C1 Cat 2960-X 48 GigE PoE 740W,2x10G SFP+	$0.00	$0.00	77 for 60 mo(s)	$0.00	$0.00
135	CAB-16AWG-AC	AC Power cord, 16AWG	$0.00	$0.00	77	$0.00	$0.00
136	C1FPCAT29002K9	Cisco ONE Foundation Perpetual - Catalyst 2900 48 Port	$200.00	$80.00	77	$15,400.00	$6,160.00
137	CON-ECMU-C1FPC292	SWSS UPGRADES C1 FND Perpetual - Cat2900 48 Port	$30.00	$20.93	77 for 60 mo(s)	$2,310.00	$8,058.05
138	C1-EGW-50-K9	Cisco ONE Energy Mgmt Perpetual Lic - 50 DO End Points	$0.00	$0.00	77	$0.00	$0.00
139	C1-ISE-BASE-48P	Cisco ONE Identity Services Engine 50 EndPoint Base Lic	$0.00	$0.00	77	$0.00	$0.00
140	C1-PI-LFAS-2K3K-K9	Cisco ONE PI Device License for LF & AS for Cat 2k, 3k	$0.00	$0.00	77	$0.00	$0.00
					Total:		**$260,464.05**

C2960X-STACK=

141	C2960X-STACK=	Catalyst 2960-X FlexStack Plus Stacking Module optional	$1,195.00	$478.00	36	$43,020.00	$17,208.00
142	CAB-STK-E-0.5M	Cisco FlexStack 50cm stacking cable	$0.00	$0.00	36	$0.00	$0.00
					Total:		**$17,208.00**

CAB-STK-E-3M=

143	CAB-STK-E-3M=	Cisco Bladeswitch 3M stack cable	$300.00	$120.00	10	$3,000.00	$1,200.00
					Total:		**$1,200.00**
		Total (Technology Refresh - Access Layer Switches):				**$317,302.40**	**$317,302.40**

Technology Refresh - Wireless

C1-AIR-CT5520-K9

144	C1-AIR-CT5520-K9	Cisco ONE - 5520 Wireless Controller w/rack mounting kit	$20,000.00	$8,000.00	1	$20,000.00	$8,000.00

#	SKU	Description			Qty		
145	CON-SNT-CT5520K9	SNTC-8X5XNBD Cisco 5520 Wireless Controller w/rack mo	$2,600.00	$1,813.50	1 for 60 mo(s)	$2,600.00	$9,067.50
146	CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	$0.00	$0.00	2	$0.00	$0.00
147	AIR-PSU1-770W	770W AC Hot-Plug Power Supply for 5520 Controller	$699.00	$279.60	1	$699.00	$279.60
148	C1FPAIRK9	Cisco ONE Foundation Perpetual - Wireless	$350.00	$140.00	8	$2,800.00	$1,120.00
149	CON-ECMU-C1FPAIR	SWSS UPGRADES C1 Foundation Perpetual - Wireless	$53.00	$36.97	8 for 60 mo(s)	$424.00	$1,478.80
150	AIR-CT5520-SW-8.1	Cisco 5520 Wireless Controller SW Rel. 8.1	$0.00	$0.00	1	$0.00	$0.00
151	AIR-PSU1-770W	770W AC Hot-Plug Power Supply for 5520 Controller	$0.00	$0.00	1	$0.00	$0.00
152	AIR-BZL-C220M4	Cisco 5520 Wireless Controller Security Bezel	$0.00	$0.00	1	$0.00	$0.00
153	AIR-CPU-E52609D	1.90 GHz E5-2609 v3/85W 6C/15MB Cache/DDR4 1600MHz	$0.00	$0.00	1	$0.00	$0.00
154	AIR-CT6870-NIC-K9	PCIe Network Interface 20G	$0.00	$0.00	1	$0.00	$0.00
155	AIR-MR-1X081RU-A	8GB DDR4-2133-MHz RDIMM/PC4-17000/single rank/x4/1.2v	$0.00	$0.00	4	$0.00	$0.00
156	AIR-SD-32G-S	32GB SD Card for UCS servers	$0.00	$0.00	1	$0.00	$0.00
157	AIR-SD240G0KS2-EV	240GB 2.5 inch Enterprise Value 6G SATA SSD	$0.00	$0.00	1	$0.00	$0.00
158	AIR-TPM2-001	Trusted Platform Module 1.2 for UCS (SPI-based)	$0.00	$0.00	1	$0.00	$0.00
159	C1-MSE-WIPS-1	Cisco ONE Mobility Svcs - Wireless Intrusion Prevention 1AP	$0.00	$0.00	8	$0.00	$0.00
160	C1-PI-LFAS-AP-K9	Cisco ONE PI Device License for LF & AS for WLAN	$0.00	$0.00	8	$0.00	$0.00
161	C1-ISE-BASE-AP	Cisco ONE Identity Services Engine 25 EndPoint Base Lic	$0.00	$0.00	8	$0.00	$0.00
162	C1-MSE-CMX-1	Cisco ONE Mobility Svcs-Connected Mobile Experience 1AP Lic	$0.00	$0.00	8	$0.00	$0.00
163	C1-MSE-LS-1	Cisco ONE CMX Base (Location + Connect) - 1AP license	$0.00	$0.00	8	$0.00	$0.00
164	C1-WLC-1	Cisco ONE Wireless LAN Controller AP License (any WLC)	$0.00	$0.00	8	$0.00	$0.00
165	C1-MSE-PAK	Cisco ONE MSE License PAK	$0.00	$0.00	1	$0.00	$0.00
166	C1-WLC-PAK	Cisco ONE Wireless LAN Controller AP License PAK (any WLC)	$0.00	$0.00	1	$0.00	$0.00
						Total:	**$19,945.90**
LIC-CT5520-UPG							
167	LIC-CT5520-UPG	Top Level SKU for 5520 AP Adder Licenses	$0.00	$0.00	1	$0.00	$0.00
168	CON-SNT-LICCT552	SNTC-8X5XNBD Top Level SKU for 5520 AP Adder Licenses	$0.00	$0.00	1 for 60 mo(s)	$0.00	$0.00
169	LIC-CT5520-1A	Cisco 5520 Wireless Controller 1 AP Adder License	$200.00	$80.00	8	$1,600.00	$640.00
170	CON-SNT-LICT5520	SNTC-8X5XNBD Cisco 5520 Wireless Controller 1 AP Adde	$26.00	$18.14	8 for 60 mo(s)	$208.00	$725.60
						Total:	**$1,365.60**
AIR-CAP2702I-A-K9							
171	AIR-CAP2702I-A-K9	802.11ac CAP w/CleanAir; 3x4:3SS; Int Ant; A Reg Domain	$1,095.00	$438.00	20	$21,900.00	$8,760.00
172	CON-SNT-AIRCIAK9	SNTC-8X5XNBD 802.11ac CAP w/Clean	$44.00	$30.69	20 for 60 mo(s)	$880.00	$3,069.00
173	S3G4K9W7-15303JA	Cisco 2700 Series IOS WIRELESS LAN	$0.00	$0.00	20	$0.00	$0.00

#	Part	Description			Qty		
174	AIR-AP-BRACKET-1	802.11n AP Low Profile Mounting Bracket (Default)	$0.00	$0.00	20	$0.00	$0.00
175	AIR-AP-T-RAIL-R	Ceiling Grid Clip for Aironet APs - Recessed Mount (Default)	$0.00	$0.00	20	$0.00	$0.00
176	SWAP2700-CMB-A1-K9	Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW	$0.00	$0.00	20	$0.00	$0.00
						Total:	**$11,829.00**
R-PI2X-N-K9							
177	R-PI2X-N-K9	Cisco Prime Infrastructure 2.x - No Node Lock	$0.00	$0.00	1	$0.00	$0.00
178	CON-ECMU-RPI2XNK9	SWSS UPGRADES Cisco Prime Infrastructure 2.x - No Node	$0.00	$0.00	1 for 12 mo(s)	$0.00	$0.00
179	L-PI2X-LF-N-25	Prime Infrastructure 2.x - Lifecycle - 25 Device Lic-NNL	$2,995.00	$1,198.00	1	$2,995.00	$1,198.00
180	CON-ECMU-LPXLFN25	SWSS UPGRADES Prime Infrastructure 2.x - Lifecycle - 2	$599.00	$417.80	1 for 12 mo(s)	$599.00	$417.80
181	L-PILMS42A-25	Prime Infrastructure LMS 4.2A - 25 Device Base Lic	$0.00	$0.00	1	$0.00	$0.00
182	L-PILMS42-KIT	Prime Infrastructure - LMS License Kit	$0.00	$0.00	1	$0.00	$0.00
						Total:	**$1,615.80**
		Total (Technology Refresh - Wireless):				**$34,756.30**	**$34,756.30**
Lions Club Park Industrial Ethernet Switches							
IE-4000-4T4P4G-E							
183	IE-4000-4T4P4G-E	IE 4000 4 x RJ45 10/100M, 4 x PoE 10/100M, 4 x 1G Combo , LA	$4,130.00	$1,652.00	5	$20,650.00	$8,260.00
184	CON-SNT-IE4004GE	SNTC-8X5XNBD IE 4000 4 x RJ45 10/100M, 4 x PoE 10/100	$330.00	$230.18	5 for 60 mo(s)	$1,650.00	$5,754.50
						Total:	**$14,014.50**
PWR-IE170W-PC-AC=							
185	PWR-IE170W-PC-AC=	IE family power supply 170W. AC to DC	$1,650.00	$660.00	5	$8,250.00	$3,300.00
						Total:	**$3,300.00**
IE-4000-4T4P4G-E							
186	IE-4000-4T4P4G-E	IE 4000 4 x RJ45 10/100M, 4 x PoE 10/100M, 4 x 1G Combo , LA	$4,130.00	$1,652.00	5	$20,650.00	$8,260.00
187	CON-SNT-IE4004GE	SNTC-8X5XNBD IE 4000 4 x RJ45 10/100M, 4 x PoE 10/100	$330.00	$230.18	5 for 60 mo(s)	$1,650.00	$5,754.50
						Total:	**$14,014.50**
PWR-IE170W-PC-AC=							
188	PWR-IE170W-PC-AC=	IE family power supply 170W. AC to DC	$1,650.00	$660.00	5	$8,250.00	$3,300.00
						Total:	**$3,300.00**
		Total (Lions Club Park Industrial Ethernet Switches):				**$34,629.00**	**$34,629.00**
Lions Club Park Outdoor Wi-Fi							
AIR-AP1572EAC-B-K9							
189	AIR-AP1572EAC-B-K9	802.11ac Outdoor AP, External-Ant, AC-power, Reg. Domain-B	$4,495.00	$1,798.00	8	$35,960.00	$14,384.00
190	CON-SNT-AIA157BK	SNTC-8X5XNBD 802.11ac Outdoor AP, External-Ant, AC-po	$180.00	$125.55	8 for 60 mo(s)	$1,440.00	$5,022.00
191	SW1570-UM01A01-K9	SW Cisco AP1570: Unified Mesh(8.0.TBD)	$0.00	$0.00	8	$0.00	$0.00
192	AIR-ANT2568VG-N	2.4 GHz 6dBi/5 GHz 8dBi Dual Band Omni Ant., Gray, N conn.	$399.00	$159.60	32	$12,768.00	$5,107.20
193	AIR-ANT-GPS-1	GPS Antenna for AP1570	$299.00	$119.60	8	$2,392.00	$956.80
						Total:	**$25,470.00**

AIR-ACCPMK1570-1=

#	Part	Description			Qty		
194	AIR-ACCPMK1570-1=	1570 Series Pole-Mount Kit (Type-1)	$199.00	$79.60	6	$1,194.00	$477.60
						Total:	$477.60

AIR-ACCPMK1570-2=

#	Part	Description			Qty		
195	AIR-ACCPMK1570-2=	1570 Series Pole-Mount Kit (Type-2)	$339.00	$135.60	2	$678.00	$271.20
						Total:	$271.20

AIR-CORD-R3P-40NA=

#	Part	Description			Qty		
196	AIR-CORD-R3P-40NA=	1520 Series AC Power Cord, 40 ft. N. Amer Plug	$299.00	$119.60	5	$1,495.00	$598.00
						Total:	$598.00

AIR-PWRINJ1500-2=

#	Part	Description			Qty		
197	AIR-PWRINJ1500-2=	1520 Series Power Injector	$249.00	$99.60	3	$747.00	$298.80
198	AIR-PWR-CORD-NA	AIR Line Cord North America	$0.00	$0.00	3	$0.00	$0.00
						Total:	$298.80

AIR-AP1572EAC-B-K9

#	Part	Description			Qty		
199	AIR-AP1572EAC-B-K9	802.11ac Outdoor AP, External-Ant, AC-power, Reg. Domain-B	$4,495.00	$1,798.00	8	$35,960.00	$14,384.00
200	CON-SNT-AIA157BK	SNTC-8X5XNBD 802.11ac Outdoor AP, External-Ant, AC-po	$180.00	$125.55	8 for 60 mo(s)	$1,440.00	$5,022.00
201	SW1570-UM01A01-K9	SW Cisco AP1570: Unified Mesh(8.0.TBD)	$0.00	$0.00	8	$0.00	$0.00
						Total:	$19,406.00

AIR-ACCPMK1570-1=

#	Part	Description			Qty		
202	AIR-ACCPMK1570-1=	1570 Series Pole-Mount Kit (Type-1)	$199.00	$79.60	6	$1,194.00	$477.60
						Total:	$477.60

AIR-ACCPMK1570-2=

#	Part	Description			Qty		
203	AIR-ACCPMK1570-2=	1570 Series Pole-Mount Kit (Type-2)	$339.00	$135.60	2	$678.00	$271.20
						Total:	$271.20

AIR-CORD-R3P-40NA=

#	Part	Description			Qty		
204	AIR-CORD-R3P-40NA=	1520 Series AC Power Cord, 40 ft. N. Amer Plug	$299.00	$119.60	5	$1,495.00	$598.00
						Total:	$598.00

AIR-PWRINJ1500-2=

#	Part	Description			Qty		
205	AIR-PWRINJ1500-2=	1520 Series Power Injector	$249.00	$99.60	3	$747.00	$298.80
206	AIR-PWR-CORD-NA	AIR Line Cord North America	$0.00	$0.00	3	$0.00	$0.00
						Total:	$298.80
207	EH-600T-ODU-POE	Siklu 600T POE, 500Mbps Upgradeable to 1Gbps	$0.00	$2,841.67	8	$0.00	$22,733.36
208	EH-UPG-500-1000	Siklu Upgrade-500 to 1000Mbps	$0.00	$278.26	8	$0.00	$2,226.08
209	SR-SL-3Y-600	Service&Support-Silver, 3yr-EH600	$0.00	$368.50	8 for 36 mo(s)	$0.00	$2,948.00
210	SITE-HW	Site Hardware	$0.00	$2,455.56	1	$0.00	$2,455.56
Total (Lions Club Park Outdoor Wi-Fi):						**$78,530.20**	**$78,530.20**

Lions Club Park Wi-Fi Management

R-PI2X-N-K9

#	Part	Description			Qty		
211	R-PI2X-N-K9	Cisco Prime Infrastructure 2.x - No Node Lock	$0.00	$0.00	1	$0.00	$0.00

212	CON-ECMU-RPI2XNK9	SWSS UPGRADES Cisco Prime Infrastructure 2.x - No Node	$0.00	$0.00	1 for 60 mo(s)	$0.00	$0.00
					Total:		**$0.00**
		Total (Lions Club Park Wi-Fi Management):				**$0.00**	**$0.00**

Total List Price:	**$2,628,163.30**
Sub Total:	**$1,298,727.05**
Grand Total:	**$1,298,727.05**

THIS PROPOSAL IS GOVERNED BY THE TERMS AND CONDITIONS SET FORTH IN DIR CONTRACT NUMBER DIR-TSO-2544   STATE OF TEXAS
vendor ID 17605152499
YOU MUST REFERENCE THE DIR CONTRACT NUMBER DIR-TSO-2544 ON YOUR PURCHASE ORDER.

Customer hereby authorizes and agrees to make timely payment for products delivered and services
rendered, including payments for partial shipments

_____   _____

Customer Signature   Date