



TSA, Inc. Houston
2050 West Sam Houston Parkway North
Houston 77043
United States

Customer

SMG/American Bank Center
City Of Corpus Christi
1901 N. Shoreline Blvd.
Attn: Ken Bridgeman
Corpus TX 78401
United States

Ship To

SMG/American Bank Center
City Of Corpus Christi
1901 N. Shoreline Blvd.
kennethb@cctexas.com
Corpus Christi TX 78401
United States

Quote

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Date 2/9/2018
Quote # 31644

Expires 3/9/2018
Sales Rep Terry Ferrell
Project
Contact Ken Bridgeman
Terms Net 60
Shipping Method Best Way 3-5
FOB Origin
Lease Options

Quantity	Description	Each	Extended
	Project Includes Arena -		
	With complete installation including cabling and placement of all APs in the Arena with completion of Project		
16	HEWLETT PACKARD ENTERPRISE : AP-ANT-1W 2.4-2.5GHz (4dBi)/4.9-5.875GHz (6dBi) Hi Gain Dual-band Omni-Dir Indoor Antenna	12.32	197.12
44	HEWLETT PACKARD ENTERPRISE : ANT-2x2-2314 2.4 GHz 14dBi 30x30deg Dual Pol MIMO High Gain Dir N-Type Outdoor Antenna	174.55	7,680.20
44	HEWLETT PACKARD ENTERPRISE : ANT-2x2-5314 5.15-5.9 GHz 14dBi 30x30deg Dual Pol MIMO Hi Gain Dir N-Type Outdoor Antenna	174.55	7,680.20
63	HEWLETT PACKARD ENTERPRISE : AP-220-MNT-W1 Flat Surface Wall/Ceiling Black AP Basic Flat Surface Mount Kit	10.28	647.64
1	HEWLETT PACKARD ENTERPRISE : AP-270-MNT-V2 AP-270 Series Outdoor Pole/Wall Short Mount Kit	51.34	51.34
21	HEWLETT PACKARD ENTERPRISE : AP-270-MNT-H1 AP-270 Series Outdoor AP Hanging or Tilt Install Mount Kit	54.31	1,140.51
176	HEWLETT PACKARD ENTERPRISE : AFC2DL60-00 Indoor AP RPSMAm to Nf 60cm Flexible Indoor Rated RF Cable	7.36	1,295.36
4	HEWLETT PACKARD ENTERPRISE : SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	264.88	1,059.52
2	HEWLETT PACKARD ENTERPRISE : PC-AC-NA (NA) AC Power Cord	2.06	4.12
1	HEWLETT PACKARD ENTERPRISE : Aruba AP-275 802.11n/ac Dual 3x3:3 Radio Integrated Omni Antenna Outdoor AP	819.29	819.29
21	HEWLETT PACKARD ENTERPRISE : Aruba AP-277 802.11n/ac Dual 3x3:3 Radio Integrated Directional Antenna Outdoor AP	901.43	18,930.03
44	HEWLETT PACKARD ENTERPRISE : Aruba AP-228 802.11n/ac Dual 3x3:3 Radio 6xRPSMA Connectors Indoor Hardened AP	613.96	27,014.24
4	HEWLETT PACKARD ENTERPRISE : Aruba AP-324 802.11n/ac 4x4:4 MU-MIMO Dual Radio Antenna Connectors AP	572.89	2,291.56
15	HEWLETT PACKARD ENTERPRISE : Aruba AP-325 802.11n/ac 4x4:4 MU-MIMO Dual Radio Integrated Antenna AP	572.89	8,593.35
85	HEWLETT PACKARD ENTERPRISE : Aruba LIC-ENT Enterprise (LIC-AP LIC-PEF LIC-RFP and LIC-AW) Licence Bundle E-LTU	123.20	10,472.00
85	HEWLETT PACKARD ENTERPRISE : Aruba 1 Year Foundation Care 24x7 License Controller Bundle Service	40.81	3,468.85

"Monthly payment options may be available". Ask your Account Manager for details.

All Credit Card purchases are subject to a 3% convenience fee.



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Quantity	Description	Each	Extended
1	HEWLETT PACKARD ENTERPRISE : Aruba 1 Year Foundation Care Next Business Day Exchange AP 275 Outdoor Service	78.05	78.05
21	HEWLETT PACKARD ENTERPRISE : Aruba 1 Year Foundation Care Next Business Day Exchange AP 277 Outdoor Service	86.04	1,806.84
44	HEWLETT PACKARD ENTERPRISE : Aruba 1 Year Foundation Care Next Business Day Exchange AP-228 Service	58.54	2,575.76
4	HEWLETT PACKARD ENTERPRISE : Aruba 1 Year Foundation Care Next Business Day Exchange AP-324 Service	54.11	216.44
15	HEWLETT PACKARD ENTERPRISE : Aruba 1 Year Foundation Care Next Business Day Exchange AP-325 Service	54.11	811.65
1	Set up and Configuration of the Aruba Wireless solution in the Arena area. Which Includes Physical Installation and cabling of AP's. as well as engineering and configuration Includes UI Customization Service for Clear Pass Installation of Clear Pass Engineering Services Project Management Onsite and Remote Services Event Support for 2 Events for entire project General Notes/Exceptions: - City of Corpus Christi must provide for all AP's quoted - POE switches (5 Ethernet Switches) - Hardware for Airwave - City must provide VM Instance or Server Brief Scope of Work: - Configuration of 85 Aruba Networks Access Points - On-site and Remote Project Management of Physical Installation - Test and Turn up of the Network - Support for two events following system turn up - Documentation of Configuration, IP, Network Diagrams - Installation of AP Placement and cabling and engineering of project with all physical placements Assumptions: - Customer will provide sufficient POE+ switch ports within 100 meters of AP locations - Customer will provide network connectivity for Switchpoerts back to MDP in parking garage . Assumption and Exceptions: - Customer will provide sufficient POE+ switch ports within 100 meters of AP locations - Customer will provide network connectivity for Switchports back to MDP in parking garage - Clearpass does not include advanced features, such as on board, on guard or non standard interfaces - Proposal based on RFIP installing separate network racks at IDF locations - Work may progress continuously until complete	107,551.04	107,551.04



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Quantity	Description	Each	Extended
	<ul style="list-style-type: none">- Regular working hours will be used- Access to all areas will be possible during working periods- Secured storage for equipment and materials will be provided- Normal office working conditions with water and restrooms- Power, grounding, bus bars and pathways will be provided convention center- Space for additional racking in IDF locations- Internet services will be provided by convention center- Demarcation for Internet services will be present in a proposed IDF location- All security hardware by others- No other competing WIFI system will be present- Estimated at 8 weeks installation for entire project- This proposal does not provide conduit, any conduit required will be provided by others- All AP locations are reasonably accessible without additional construction- APs and antennas are exposed with no additional enclosures- Required badges, keys and escorts will be provided Convention Center- Convention Center or City of Corpus will provide an onsite project manager who will participate in meetings and discussions when needed- Any additional work requested is subject to additional charges and/or authorized change orders- If at the Convention Centers discretion, unscheduled work stoppage possible costs associated with the delays will be incurred- No bonding is included- Clearpass installation is included in the Convention Center/ Auditorium Proposal. <p>Arena is second phase</p>		

Freight is not included

Subtotal	204,385.11
Shipping Cost (Best Way 3-5)	0.00
Total	\$204,385.11