



Williamson County

EST Group
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Quote Date: 12/7/2015
Quotation #: EST20151204-Av4
Valid Until: 1/7/2016
Prepared By: Ariel Morillo

DIR-SSD-1951

Bill To:
Williamson County
710 Main St
Georgetown, TX 78626

Quote Summary		
Quote Reference	Description	Total
720509200	PowerEdge FX2	\$3,844.27
720509200	PowerEdge FC630	\$63,874.40
720509182	PowerEdge FX2	\$3,844.27
720509182	PowerEdge FC630	\$31,937.20
720509189	PowerEdge R730	\$16,328.84
719525744	Dell Networking N4032F	\$19,248.58
EST02181B	SC9000, 128GB Memory	\$304,737.77
EST02182D	SC9000, 128GB Memory	\$294,729.90
EST20151014-A	Professional Services	\$10,000.00
	Product Subtotal	\$748,545.23
	Tax	TBD
	Shipping	TBD
	Total Purchase Price	\$748,545.23

Group 1

ITEM QUANTITY: 1	UNIT PRICE: \$3,844.27	TOTAL: \$3,844.27
PowerEdge FX2 (210-ABUX)		
PowerEdge FX2 Chassis for up to 4 Half-Width Nodes (321-BBFM)		
Dell Hardware Limited Warranty Plus On Site Service Initial Year (973-9866)		
Dell Hardware Limited Warranty Plus On Site Service Extended Year (973-9867)		
Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (973-9918)		
Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 2 Year Extended (973-9919)		
ProSupport: 7x24 HW / SW Tech Support and Assistance, 3 Year (973-9938)		
MISSION CRITICAL PACKAGE: Enhanced Services, 3 Year (973-9947)		
Dell ProSupport. For tech support, visit http://www.dell.com/support or call 1-800- 945-3355 (989-3439)		
Dell Proactive Systems Management - Declined - www.dell.com/Proactive (909-0259)		
On-Site Installation Declined (900-9997)		
On-Site Installation Declined (900-9997)		
PowerEdge FX2 Shipping (340-AGKB)		
PowerEdge FN410S 10GbE SFP+ I/O Aggregator, Internal 8 ports to External 4 Ports (540-BBGF) QTY-2		
FX2S Chassis Configuration Label (321-BBFZ)		

PowerEdge FX2S Chassis Configuration with Flexible IO (up to 8 PCIe Slots) (321-BBGH)
SD Storage for Chassis Management Controller (403-BBEQ)
CMC Enterprise for FX2 (634-0287)
USER Guide, FX2 Chassis (343-BBBW)
FX2 ReadyRails Sliding Rails (770-BBER)
Dual, Hot-plug, Power Supply, 1600W (450-ADHQ)
Power Supply, Redundancy Alerting Enabled Configuration (450-ADTZ)
Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151) QTY-2
No Media Required (421-5736)

Group 2

ITEM QUANTITY: 4	UNIT PRICE: \$15,968.60	TOTAL: \$63,874.40
PowerEdge FC630 Server Node (210-ACWK)		
PowerEdge FC630 Motherboard (329-BCCP)		
PowerEdge FC630 Regulatory Label, DAO (389-BESB)		
Dell ProSupport. For tech support, visit http://www.dell.com/support or call 1-800- 945-3355 (989-3439)		
Dell Hardware Limited Warranty Plus On Site Service (997-0181)		
Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 3 Year (997-0190)		
ProSupport: 7x24 HW / SW Tech Support and Assistance, 3 Year (997-0200)		
On-Site Installation Declined (900-9997)		
DSS7500 Consolidated Shipping (750-AADI)		
PowerEdge FC PCIE Mezzanine Adapter (492-BBQT)		
QLogic 57810-k Dual port 10Gb KR Blade Network Daughter Card (542-BBBN)		
QLogic 57810 Dual Port 10Gb Direct Attach/SFP+ Low Profile Network Adapter (540-BBBJ)		
iDRAC8 Enterprise, integrated Dell Remote Access Controller, Enterprise (385-BBHO)		
OpenManage Essentials, Server Configuration Management (634-BBWU)		
2.5" Backplane with up to 2 Hard Drives and PERC RAID Controller (406-BBFE)		
Standard Cooling,FC630 (384-BBDS)		
Performance BIOS Settings (384-BBBL)		
RAID 1 for H330/H730/H730P (2 HDDs, SAS/SATA/SSD) (780-BBKM)		
H730 Controller (405-AAEU)		
Intel Xeon E5-2698 v3 2.3GHz,40M Cache,9.60GT/s QPI,Turbo,HT,16C/32T (135W) Max Mem 2133MHz (338-BFMS)		
Upgrade to Two Intel Xeon E5-2698 v3 2.3GHz,40M Cache,9.60GT/s QPI,Turbo,HT,16C/32T (135W) (374-BBHV)		
32GB RDIMM, 2133 MT/s, Dual Rank, x4 Data Width (370-ABVW) QTY-8		
2133MT/s RDIMMs (370-ABUF)		
Performance Optimized (370-AAIP)		
300GB 15K RPM SAS 12Gbps 2.5in Hot-plug Hard Drive (400-AJRB) QTY-2		
No Systems Documentation, No OpenManage DVD Kit (631-AACK)		
Internal Dual SD Module (330-BBCV)		
Redundant SD Cards Enabled (385-BBCF)		
16GB SD Card For IDSDM (385-BBII) QTY-2		
No Operating System (420-6320)		
No Media Required (421-5736)		
VMware ESXi 6.0 Embedded Image on Flash Media (634-BDXD)		
DIMM Blanks for System with 2 Processors (374-BBHL)		
68MM Heatsink for PowerEdge FC630 Processor 1 (412-AAEJ)		
68MM Heatsink for PowerEdge FC630 Processor 2 (412-AAEK)		
68MM Processor Heatsink Shroud for PowerEdge FC630 (750-AAFG)		

Group 3

ITEM QUANTITY: 1	UNIT PRICE: \$3,844.27	TOTAL: \$3,844.27
PowerEdge FX2 (210-ABUX)		
PowerEdge FX2 Chassis for up to 4 Half-Width Nodes (321-BBFM)		
Dell Hardware Limited Warranty Plus On Site Service Initial Year (973-9866)		
Dell Hardware Limited Warranty Plus On Site Service Extended Year (973-9867)		
Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (973-9918)		
Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 2 Year Extended (973-9919)		
ProSupport: 7x24 HW / SW Tech Support and Assistance, 3 Year (973-9938)		
MISSION CRITICAL PACKAGE: Enhanced Services, 3 Year (973-9947)		
Dell ProSupport. For tech support, visit http://www.dell.com/support or call 1-800- 945-3355 (989-3439)		
Dell Proactive Systems Management - Declined - www.dell.com/Proactive (909-0259)		
On-Site Installation Declined (900-9997)		
FX2 Half-Width Node Filler Blank (321-BBFT) QTY-2		
PowerEdge FX2 Shipping (340-AGKB)		
PowerEdge FN410S 10GbE SFP+ I/O Aggregator, Internal 8 ports to External 4 Ports (540-BBGF) QTY-2		
FX2S Chassis Configuration Label (321-BBFZ)		
PowerEdge FX2S Chassis Configuration with Flexible IO (up to 8 PCIe Slots) (321-BBGH)		
SD Storage for Chassis Management Controller (403-BBEQ)		
CMC Enterprise for FX2 (634-0287)		
USER Guide, FX2 Chassis (343-BBBW)		
FX2 ReadyRails Sliding Rails (770-BBER)		
Dual, Hot-plug, Power Supply, 1600W (450-ADHQ)		
Power Supply, Redundancy Alerting Enabled Configuration (450-ADTZ)		
Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151) QTY-2		
No Media Required (421-5736)		

Group 4

ITEM QUANTITY: 2	UNIT PRICE: \$15,968.60	TOTAL: \$31,937.20
PowerEdge FC630 Server Node (210-ACWK)		
PowerEdge FC630 Motherboard (329-BCCP)		
PowerEdge FC630 Regulatory Label, DAO (389-BESB)		
Dell ProSupport. For tech support, visit http://www.dell.com/support or call 1-800- 945-3355 (989-3439)		
Dell Hardware Limited Warranty Plus On Site Service (997-0181)		
Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 3 Year (997-0190)		
ProSupport: 7x24 HW / SW Tech Support and Assistance, 3 Year (997-0200)		
On-Site Installation Declined (900-9997)		
DSS7500 Consolidated Shipping (750-AADI)		
PowerEdge FC PCIE Mezzanine Adapter (492-BBQT)		
QLogic 57810-k Dual port 10Gb KR Blade Network Daughter Card (542-BBBN)		
QLogic 57810 Dual Port 10Gb Direct Attach/SFP+ Low Profile Network Adapter (540-BBBJ)		
iDRAC8 Enterprise, integrated Dell Remote Access Controller, Enterprise (385-BBHO)		
OpenManage Essentials, Server Configuration Management (634-BBWU)		
2.5" Backplane with up to 2 Hard Drives and PERC RAID Controller (406-BBFE)		
Standard Cooling,FC630 (384-BBDS)		
Performance BIOS Settings (384-BBBL)		
RAID 1 for H330/H730/H730P (2 HDDs, SAS/SATA/SSD) (780-BBKM)		
H730 Controller (405-AAEU)		
Intel Xeon E5-2698 v3 2.3GHz,40M Cache,9.60GT/s QPI,Turbo,HT,16C/32T (135W) Max Mem 2133MHz (338-BFMS)		
Upgrade to Two Intel Xeon E5-2698 v3 2.3GHz,40M Cache,9.60GT/s QPI,Turbo,HT,16C/32T (135W) (374-BBHV)		
32GB RDIMM, 2133 MT/s, Dual Rank, x4 Data Width (370-ABVW) QTY-8		

2133MT/s RDIMMs (370-ABUF)
Performance Optimized (370-AAIP)
300GB 15K RPM SAS 12Gbps 2.5in Hot-plug Hard Drive (400-AJRB) QTY-2
No Systems Documentation, No OpenManage DVD Kit (631-AACK)
Internal Dual SD Module (330-BBCV)
Redundant SD Cards Enabled (385-BBCF)
16GB SD Card For IDSDM (385-BBII) QTY-2
No Operating System (420-6320)
No Media Required (421-5736)
VMware ESXi 6.0 Embedded Image on Flash Media (634-BDXD)
DIMM Blanks for System with 2 Processors (374-BBHL)
68MM Heatsink for PowerEdge FC630 Processor 1 (412-AAEJ)
68MM Heatsink for PowerEdge FC630 Processor 2 (412-AAEK)
68MM Processor Heatsink Shroud for PowerEdge FC630 (750-AAFG)

Group 5

ITEM QUANTITY: 1	UNIT PRICE: \$16,328.84	TOTAL: \$16,328.84
PowerEdge R730 Server (210-ACXU)		
PowerEdge R730/R730xd Motherboard (591-BBCH)		
Dell ProSupport Plus. For tech support, visit http://www.dell.com/contactdell (951-2015)		
Dell Hardware Limited Warranty Plus On Site Service (976-8706)		
ProSupport Plus: 7x24 Next Business Day Onsite Service, 3 Year (976-8728)		
ProSupport Plus: 7x24 HW/SW Tech Support and Assistance,3 Year (976-8729)		
On-Site Installation Declined (900-9997)		
PowerEdge R730 Shipping (340-AKKB)		
R730/xd PCIe Riser 2, Center (330-BBCO)		
R730 PCIe Riser 3, Left (330-BBCQ)		
R730/xd PCIe Riser 1, Right (330-BBCR)		
QLogic 57810 Dual Port 10Gb Direct Attach/SFP+ Network Adapter (540-BBCV) QTY-2		
Broadcom 5720 QP 1Gb Network Daughter Card (540-BBBW)		
iDRAC8 Enterprise, integrated Dell Remote Access Controller, Enterprise (385-BBHO)		
OpenManage Essentials, Server Configuration Management (634-BBWU)		
Chassis with up to 8, 2.5" Hard Drives (350-BBEN)		
Bezel (350-BBEJ)		
Performance BIOS Settings (384-BBBL)		
RAID 1 for H330/H730/H730P (2 HDDs or SSDs) (780-BBJU)		
PERC H730 Integrated RAID Controller, 1GB Cache (405-AAEG)		
Intel Xeon E5-2698 v3 2.3GHz,40M Cache,9.60GT/s QPI,Turbo,HT,16C/32T (135W) Max Mem 2133MHz (338-BFMS)		
Upgrade to Two Intel Xeon E5-2698 v3 2.3GHz,40M Cache,9.60GT/s QPI,Turbo,HT,16C/32T (135W) (374-BBHV)		
32GB RDIMM, 2133 MT/s, Dual Rank, x4 Data Width (370-ABVW) QTY-8		
2133MT/s RDIMMs (370-ABUF)		
Performance Optimized (370-AAIP)		
300GB 15K RPM SAS 12Gbps 2.5in Hot-plug Hard Drive (400-AJRU) QTY-2		
Electronic System Documentation and OpenManage DVD Kit, PowerEdge R730/xd (631-AAJG)		
DVD ROM, SATA, INTERNAL (429-AAPU)		
ReadyRails Sliding Rails With Cable Management Arm (770-BBBR)		
Dual, Hot-plug, Redundant Power Supply (1+1), 750W (450-ADWS)		
C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, North America (492-BBDI) QTY-2		
Internal Dual SD Module (330-BBCL)		
Redundant SD Cards Enabled (385-BBCF)		
16GB SD Card For IDSDM (385-BBII) QTY-2		

No Operating System (619-ABVR)
No Media Required (421-5736)
DIMM Blanks for System with 2 Processors (370-ABWE)
Standard Heatsink for PowerEdge R730/R730xd (374-BBHM) QTY-2

Group 6

ITEM QUANTITY: 2	UNIT PRICE: \$9,624.29	TOTAL: \$19,248.58
Dell Networking N4032F, 24x 10GbE SFP+ Ports, 1x Modular bay, 2x AC PSU, IO to PSU Airflow (210-ABVT)		
Dell Hardware Limited Warranty Initial Year (966-6411)		
Dell Hardware Limited Warranty Extended Year(s) (966-6413)		
Lifetime Limited Hardware Warranty with Basic Hardware Service Next Business Day Parts Only on Your Network Sw (966-6417)		
Software Support,NW,90 Day (966-6423)		
ProSupport: Next Business Day Onsite Service After Problem Diagnosis, Initial Year (966-6424)		
ProSupport: Next Business Day Onsite Service After Problem Diagnosis, 2 Year Extended (966-6428)		
ProSupport: 7x24 HW / SW Tech Support and Assistance, 3 Year (966-6476)		
Dell ProSupport. For tech support, visit http://www.dell.com/support or call 1-800- 945-335 (989-3439)		
On-Site Installation Declined (900-9997)		
Documentation Kit, N4000 Series Switch (340-AGNR)		
Dell Networking, Jumper Cord, 250V, 12A, 2 Meters, C13/C14, US (450-AASX)		
Dell Networking, Cable, SFP+ to SFP+, 10GbE, Copper Twinax Direct Attach Cable, 3 Meter (470-AAGP) QTY-12		
Dell Networking, Cable, SFP+ to SFP+, 10GbE, Copper Twinax Direct Attach Cable, 5 Meter (470-AAGR) QTY-12		
Dell Networking, Cable, SFP+ to SFP+, 10GbE, Copper Twinax Direct Attach Cable, 0.5 Meter (470-AAGL)		

Group 7

ITEM QUANTITY: 1	TOTAL: \$304,737.77		
Description	Model Number	Dell SKU	Quantity
Hardware & Drives			
SC9000, 128GB Memory	CT-SC9000-128GB		2
SC9000, 4GB Write Cache Card	CT-SC9000-4GB-CACHE-F		2
SC9000 Controller	CT-SC9000-BASE		2
SC420, 3.8TB, SAS, 12Gb, Mainstream RI SSD	DS-SAS-25-3840XSSDRI-M-		12
SC400, 6TB, SAS, 12Gb, 7K HDD	DS-SAS-35-6000X7K-B		84
SC420 Enclosure Drive Blank, 2.5"	EN-BLNK-SC420-25-B		12
Dell Storage SC400 Enclosure, 3.5", 12-bay	EN-SC400-1235		7
Dell Storage SC420 Enclosure, 2.5", 24-bay	EN-SC420-2425		1
IO, 10Gb iSCSI, 2port, PCI-E, Copper, Low Profile	IO-I10X2P-C-LP-F		4
IO, 12Gb SAS, 2port, PCI-E, Full height (2x2m Mini-SAS HD to Mini-SAS HD cable)	IO-SAS12X2P-2X2-FH-F		4
NAS-FS8600-10GBE48-CFE-OISCSI : Dell FS8600, 10GbE, 48GB, Copper FE	OISCSI		1
12Gb Mini-SAS HD to Mini-SAS HD Opt Cable, 0.5M, Qty2	PA-CBL-12GBSAS-.5M-B		3
12Gb Mini-SAS HD to Mini-SAS HD Opt Cable, 2M, Qty2	PA-CBL-12GBSAS-2M-B		5
C13-C14, PDU, 12AMP, 6.5 FT (2m), Power Cord, Qty2	PA-PC-2M-B		8
C13-C14, PDU, 12AMP, 6.5 FT (2m), Power Cord, Qty2	PA-PC-2M-D		1
C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord, Qty2	PA-PC-2M-F		2
SC400 Bezel	PA-SC400-BEZEL		7
SC420 Bezel	PA-SC420-BEZEL		1
SC9000 Bezel	PA-SC9000-BEZEL-F		2
Software			
Storage Center Core SW Bundle	SW-CORE-BASE-F		1
SW, Data Progression Array License	SW-DAPR-LIC-ALC		1
SW, Live Volume + RIRA Array License	SW-LVRR-LIC-ALC		1
Storage Center Drive License (one license per drive)	SW-SC-DRIVELICENSE		88

Training			
DES-ILT Compellent Admin Training 4 Day	973-7428		1
Professional Services			
Certified Business Partner Installation	PS-1003-C		1
Totals	Discount Comments		
Power (Watts): 7,717.00 Heat (BTUs): 24,604.00 Rack Units: 22 Weight (Lbs): 408 SSD (Raw TB): 46.08 SAS (Raw TB): 504 Total (Raw TB): 550.08	3 year support term includes a 25% discount		

Group 8

ITEM QUANTITY: 1		TOTAL: \$294,729.90	
Description	Model Number	Dell SKU	Quantity
Hardware & Drives			
SC9000, 128GB Memory	CT-SC9000-128GB		2
SC9000, 4GB Write Cache Card	CT-SC9000-4GB-CACHE-F		2
SC9000 Controller	CT-SC9000-BASE		2
SC420, 3.8TB, SAS, 12Gb, Mainstream RI SSD	DS-SAS-25-3840XSSDRI-M-		12
SC400, 6TB, SAS, 12Gb, 7K HDD	DS-SAS-35-6000X7K-B		84
SC420 Enclosure Drive Blank, 2.5"	EN-BLNK-SC420-25-B		12
Dell Storage SC400 Enclosure, 3.5", 12-bay	EN-SC400-1235		7
Dell Storage SC420 Enclosure, 2.5", 24-bay	EN-SC420-2425		1
IO, 10Gb iSCSI, 2port, PCI-E, Copper, Low Profile	IO-I10X2P-C-LP-F		4
IO, 12Gb SAS, 2port, PCI-E, Full height (2x2m Mini-SAS HD to Mini-SAS HD cable)	IO-SAS12X2P-2X2-FH-F		4
NAS-FS8600-10GBE48-CFE-CISCSI : Dell FS8600, 10GbE, 48GB, Copper FE, Copper iSCSI IPC	NAS-FS8600-10GBE48-CFE-CISCSI		1
SFP+ Cable, 3M	PA-CBL-10GSFP+-3M-D		8
12Gb Mini-SAS HD to Mini-SAS HD Opt Cable, 0.5M, Qty2	PA-CBL-12GBSAS-.5M-B		3
12Gb Mini-SAS HD to Mini-SAS HD Opt Cable, 2M, Qty2	PA-CBL-12GBSAS-2M-B		5
C13-C14, PDU, 12AMP, 6.5 FT (2m), Power Cord, Qty2	PA-PC-2M-B		8
C13-C14, PDU, 12AMP, 6.5 FT (2m), Power Cord, Qty2	PA-PC-2M-D		1
C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord, Qty2	PA-PC-2M-F		2
SC400 Bezel	PA-SC400-BEZEL		7
SC420 Bezel	PA-SC420-BEZEL		1
SC9000 Bezel	PA-SC9000-BEZEL-F		2
Software			
Storage Center Core SW Bundle, Base License	SW-CORE-BASE-F		1
SW, Data Progression Array License	SW-DAPR-LIC-ALC		1
SW, Live Volume + RIRA Array License	SW-LVRR-LIC-ALC		1
Storage Center Drive License (one license per drive)	SW-SC-DRIVELICENSE		88
Training			
DES-ILT Compellent Admin Training 4 Day	973-7428		1
Professional Services			
Certified Business Partner Installation	PS-1003-C		1
Totals	Discount Comments		
Power (Watts): 7,717.00 Heat (BTUs): 24,604.00 Rack Units: 22 Weight (Lbs): 408	3 year support term includes a 25% discount		

SSD (Raw TB): 46.08 SAS (Raw TB): 504 Total (Raw TB): 550.08	
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Group 9

Professional Services	Group Total: \$10,000.00
EST Professional Services - Installation of servers/switches	

EST Group shall invoice upon order with all software and hardware purchases due upon receipt of goods. Services due upon completion.

Orders can be emailed to orders@est-grp.com or faxed to (817) 210-4211 Attn: Patti Spires