

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	SVC-PRIORITY+	*Ref. 1 - Maintenance 24x7 phone support, overnight hardware replacement, free software and documentation updates and unlimited service web site access. Product eligibility confirmed at time of request.	Each	Support	9% of hardware list at time of sale	10% discount for annual service	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MRV Communications, Inc.	SVC-AHR	*Ref. 2 - Maintenance Advanced Hardware Exchange with overnight hardware replacement, free software and documentation updates and unlimited service web site access. Product eligibility confirmed at time of request.	Each	Support	7% of hardware list at time of sale	10% discount for annual service	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MRV Communications, Inc.	SVC-PHONE	*Ref. 3 - Maintenance Telephone Support, U.S., 8 AM to 6 PM EST excl. holidays and weekends. Free software / documentation updates and unlimited service web site access.	Each	Support	6% of hardware list	10% discount for annual service	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MRV Communications, Inc.	SVC-ESUPPORT	*Ref. 4 - Maintenance Electronic Support-Internet based via E-Mail/WWW/FTP, free software / documentation updates.	Each	Support	3% of hardware list	10% discount for annual service	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MRV Communications, Inc.	BHR-E	Application Consulting Services - H/W, S/W Billable Hourly Rate 8 A.M. to 8 P.M. EST excl. holidays, weekends. Cost: \$250/hour plus travel; 2-hour minimum. Custom quotes available.	Each	Support	\$250.00	20%	\$200.00	N/A	N/A	N/A	N/A	N/A	\$200.00	N/A	N/A	\$200.00	N/A	N/A
MRV Communications, Inc.	CA-CAT5-RJ45-30	UTP Category 5 cable with RJ-45 connectors, straight-through cable. Use with 10 Mbps-155 Mbps applications, including 10Base-T, 100Base-T, TP-PMD and ATM. 30m.	Each	Accessories	\$150.00	36%	\$96.00	N/A	N/A	N/A	N/A	N/A	\$96.00	N/A	N/A	\$97.50	N/A	N/A
MRV Communications, Inc.	CA-CAT5-RJ45-5	UTP Category 5 cable with RJ-45 connectors, straight-through cable. Use with 10 Mbps-155 Mbps applications, including 10Base-T, 100Base-T, TP-PMD and ATM. 5m.	Each	Accessories	\$20.00	36%	\$12.80	N/A	N/A	N/A	N/A	N/A	\$12.80	N/A	N/A	\$13.00	N/A	N/A
MRV Communications, Inc.	CA-CAT5-RJ45-60	UTP Category 5 cable with RJ-45 connectors, straight-through cable. Use with 10 Mbps-155 Mbps applications, including 10Base-T, 100Base-T, TP-PMD and ATM. 60m.	Each	Accessories	\$290.00	36%	\$185.60	N/A	N/A	N/A	N/A	N/A	\$185.60	N/A	N/A	\$188.50	N/A	N/A
MRV Communications, Inc.	CA-MMD-ES/SC-5	ESCON-SC, MM, 5m	Each	Accessories	\$160.00	36%	\$102.40	N/A	N/A	N/A	N/A	N/A	\$102.40	N/A	N/A	\$104.00	N/A	N/A
MRV Communications, Inc.	CA-MMD-FC/SC-5	Duplex FC-SC, 62.5u, MM, 5m	Each	Accessories	\$215.00	36%	\$137.60	N/A	N/A	N/A	N/A	N/A	\$137.60	N/A	N/A	\$139.75	N/A	N/A
MRV Communications, Inc.	CA-MMD-SC/MT-5	Duplex SC/MT-RJ, 62.5u, MM, 5m	Each	Accessories	\$100.00	36%	\$64.00	N/A	N/A	N/A	N/A	N/A	\$64.00	N/A	N/A	\$65.00	N/A	N/A
MRV Communications, Inc.	CA-MMD-SC/SC-5	Duplex SC-SC, 62.5u, MM, 5m	Each	Accessories	\$135.00	36%	\$86.40	N/A	N/A	N/A	N/A	N/A	\$86.40	N/A	N/A	\$87.75	N/A	N/A

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	CA-MMD-ST/MT-5	Duplex ST/MT-RJ, 62.5u, MM, 5m	Each	Accessories	\$100.00	36%	\$64.00	N/A	N/A	N/A	N/A	N/A	\$64.00	N/A	N/A	\$65.00	N/A	N/A
MRV Communications, Inc.	CA-MMD-ST/SC-5	Duplex ST-SC, 62.5u, MM, 5m	Each	Accessories	\$215.00	36%	\$137.60	N/A	N/A	N/A	N/A	N/A	\$137.60	N/A	N/A	\$139.75	N/A	N/A
MRV Communications, Inc.	CA-MMD-ST/ST-5	Duplex ST-ST, 62.5u, MM, 5m	Each	Accessories	\$95.00	36%	\$60.80	N/A	N/A	N/A	N/A	N/A	\$60.80	N/A	N/A	\$61.75	N/A	N/A
MRV Communications, Inc.	CA-MMS-SC/ST-5	Multimode 62.5/125 fiber cable with SC-to-ST connectors, 5m.	Each	Accessories	\$180.00	36%	\$115.20	N/A	N/A	N/A	N/A	N/A	\$115.20	N/A	N/A	\$117.00	N/A	N/A
MRV Communications, Inc.	CA-MMS-ST/ST-5	Multimode 62.5/125 fiber cable with ST connectors, 5m.	Each	Accessories	\$160.00	36%	\$102.40	N/A	N/A	N/A	N/A	N/A	\$102.40	N/A	N/A	\$104.00	N/A	N/A
MRV Communications, Inc.	CA-SMD-FC/SC-5	Duplex FC-SC, 9u, SM, 5m	Each	Accessories	\$150.00	36%	\$96.00	N/A	N/A	N/A	N/A	N/A	\$96.00	N/A	N/A	\$97.50	N/A	N/A
MRV Communications, Inc.	CA-SMD-FC/ST-5	Duplex FC-ST, 9u, SM, 5m	Each	Accessories	\$145.00	36%	\$92.80	N/A	N/A	N/A	N/A	N/A	\$92.80	N/A	N/A	\$94.25	N/A	N/A
MRV Communications, Inc.	CA-SMD-SC/SC-5	Duplex SC-SC, 9u, SM, 5m	Each	Accessories	\$100.00	36%	\$64.00	N/A	N/A	N/A	N/A	N/A	\$64.00	N/A	N/A	\$65.00	N/A	N/A
MRV Communications, Inc.	CA-SMD-ST/SC-5	Duplex ST-SC, 9u, SM, 5m	Each	Accessories	\$165.00	36%	\$105.60	N/A	N/A	N/A	N/A	N/A	\$105.60	N/A	N/A	\$107.25	N/A	N/A
MRV Communications, Inc.	EN-C54	Compact Cabinet	Each	Accessories	\$1,600.00	36%	\$1,024.00	N/A	N/A	N/A	N/A	N/A	\$1,024.00	N/A	N/A	\$1,040.00	N/A	N/A
MRV Communications, Inc.	EN-C64	Compact Cabinet for OS200 Chassis IP55.	Each	Accessories	\$1,850.00	36%	\$1,184.00	N/A	N/A	N/A	N/A	N/A	\$1,184.00	N/A	N/A	\$1,202.50	N/A	N/A
MRV Communications, Inc.	EN-C64X	Compact Cabinet extreme conditions for OS200 Chassis IP55	Each	Accessories	\$2,350.00	36%	\$1,504.00	N/A	N/A	N/A	N/A	N/A	\$1,504.00	N/A	N/A	\$1,527.50	N/A	N/A
MRV Communications, Inc.	EN-FG1840L	Large Cabinet up to 4U 19" equipment hold IP55	Each	Accessories	\$3,025.00	36%	\$1,936.00	N/A	N/A	N/A	N/A	N/A	\$1,936.00	N/A	N/A	\$1,966.25	N/A	N/A
MRV Communications, Inc.	EN-FG1840LSP	Pedestal for large cabinet EN-FG1840LXX for sidewalk street installations. Pedestal with front door and shelf for UPS installation	Each	Accessories	\$825.00	36%	\$528.00	N/A	N/A	N/A	N/A	N/A	\$528.00	N/A	N/A	\$536.25	N/A	N/A
MRV Communications, Inc.	EN-FG1840LT	Large Cabinet for MRV Telco chassis up to 12U 19" equipment hold IP55	Each	Accessories	\$2,750.00	36%	\$1,760.00	N/A	N/A	N/A	N/A	N/A	\$1,760.00	N/A	N/A	\$1,787.50	N/A	N/A
MRV Communications, Inc.	EN-FG1840LTX	Large Cabinet or MRV Telco chassis up to 12U 19" equipment hold extreme conditions IP55	Each	Accessories	\$3,650.00	36%	\$2,336.00	N/A	N/A	N/A	N/A	N/A	\$2,336.00	N/A	N/A	\$2,372.50	N/A	N/A
MRV Communications, Inc.	EN-FG1840LX	Large Cabinet up to 4U 19" equipment hold extreme conditions IP55	Each	Accessories	\$3,995.00	36%	\$2,556.80	N/A	N/A	N/A	N/A	N/A	\$2,556.80	N/A	N/A	\$2,596.75	N/A	N/A
MRV Communications, Inc.	EN-FG1840M	Medium Cabinet	Each	Accessories	\$3,200.00	36%	\$2,048.00	N/A	N/A	N/A	N/A	N/A	\$2,048.00	N/A	N/A	\$2,080.00	N/A	N/A
MRV Communications, Inc.	EM316-2SFP	Protocol Transparent Fiber Media Module, with dual SFP pluggable optics interfaces.	Each	Fiber Driver	\$650.00	36%	\$416.00	N/A	\$59.15	\$60.45	\$61.10	\$63.05	\$416.00	N/A	\$59.15	\$422.50	N/A	\$59.15
MRV Communications, Inc.	EM316-2XFP	10G Transponder, with dual XFP pluggable optics interfaces.	Each	Fiber Driver	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM316-2XFP-ET	10G Transponder, with dual XFP pluggable optics interfaces, 10G Ethernet LAN PHY Optimized.	Each	Fiber Driver	\$1,750.00	36%	\$1,120.00	N/A	\$159.25	\$162.75	\$164.50	\$169.75	\$1,120.00	N/A	\$159.25	\$1,137.50	N/A	\$159.25
MRV Communications, Inc.	EM316-4SW-R	4-port 10/100/1000Base-TX (RJ45) autosensing Ethernet switch.	Each	Fiber Driver	\$400.00	36%	\$256.00	N/A	\$36.40	\$37.20	\$37.60	\$38.80	\$256.00	N/A	\$36.40	\$260.00	N/A	\$36.40
MRV Communications, Inc.	EM316DMR3G-3R	Dual Multi-Rate Fiber Module, 42 Mbps to 3.2 Gbps rates, four SFP interfaces with 3R	Each	Fiber Driver	\$1,450.00	36%	\$928.00	N/A	\$131.95	\$134.85	\$136.30	\$140.65	\$928.00	N/A	\$131.95	\$942.50	N/A	\$131.95
MRV Communications, Inc.	EM316DS3/M	DS3 (44.736Mbps) Coax (BNC) to MM Fiber converter (1310nm;DSC) 0.2km	Each	Fiber Driver	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	EM316DS3/S1	DS3 (44.736Mbps) Coax (BNC) to SM Fiber converter (1310nm; DSC) 0.35km	Each	Fiber Driver	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	EM316DS3/S2	DS3 (44.736Mbps) Coax (BNC) to SM Fiber converter (1310nm; DSC) 25-45km	Each	Fiber Driver	\$1,095.00	36%	\$700.80	N/A	\$99.65	\$101.84	\$102.93	\$106.22	\$700.80	N/A	\$99.65	\$711.75	N/A	\$99.65

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MRV Communications, Inc.	EM316DS3/S3	DS3 (44.736Mbps) Coax (BNC) to SM Fiber converter (1550nm; DSC) 35-90km	Each	Fiber Driver	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	EM316E1/M	E1 Coax (BNC) to MM Fiber modem (820nm; 0-2km;ST)	Each	Fiber Driver	\$525.00	36%	\$336.00	N/A	\$47.78	\$48.83	\$49.35	\$50.93	\$336.00	N/A	\$47.78	\$341.25	N/A	\$47.78
MRV Communications, Inc.	EM316E1/S1	E1 Coax (BNC) to SM Fiber modem (1310nm; 5-30km; ST)	Each	Fiber Driver	\$725.00	36%	\$464.00	N/A	\$65.98	\$67.43	\$68.15	\$70.33	\$464.00	N/A	\$65.98	\$471.25	N/A	\$65.98
MRV Communications, Inc.	EM316E1/S2	E1 Coax (BNC) to SM Fiber modem (1310nm;25- 50km;ST)	Each	Fiber Driver	\$1,400.00	36%	\$896.00	N/A	\$127.40	\$130.20	\$131.60	\$135.80	\$896.00	N/A	\$127.40	\$910.00	N/A	\$127.40
MRV Communications, Inc.	EM316E1/S3	E1 Coax (BNC) to SM Fiber modem (1550nm;50-100km; ST)	Each	Fiber Driver	\$1,450.00	36%	\$928.00	N/A	\$131.95	\$134.85	\$136.30	\$140.65	\$928.00	N/A	\$131.95	\$942.50	N/A	\$131.95
MRV Communications, Inc.	EM316E1MUX4IRM	Time Division Multiplexer (TDM), four E1 (RJ-48) to 100Base-FX optical trunk (SFP), advanced 802.3AH-like remote management with MRV extensions	Each	Fiber Driver	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	EM316E1MUX4RM	Time Division Multiplexer (TDM), four E1 (BNC) to 100Base-FX optical trunk (SFP), advanced 802.3AH-like remote management with MRV extensions	Each	Fiber Driver	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	EM316E1RJ/M	E1 (RJ45) to MM Fiber modem (820nm; 0-2km;ST)	Each	Fiber Driver	\$525.00	36%	\$336.00	N/A	\$47.78	\$48.83	\$49.35	\$50.93	\$336.00	N/A	\$47.78	\$341.25	N/A	\$47.78
MRV Communications, Inc.	EM316E1RJ/S1	E1 (RJ45) to SM Fiber modem (1310nm; 5-30km; ST)	Each	Fiber Driver	\$725.00	36%	\$464.00	N/A	\$65.98	\$67.43	\$68.15	\$70.33	\$464.00	N/A	\$65.98	\$471.25	N/A	\$65.98
MRV Communications, Inc.	EM316E1RJ/S2	E1 (RJ45) to SM Fiber modem (1550nm; 25-50km; ST)	Each	Fiber Driver	\$1,400.00	36%	\$896.00	N/A	\$127.40	\$130.20	\$131.60	\$135.80	\$896.00	N/A	\$127.40	\$910.00	N/A	\$127.40
MRV Communications, Inc.	EM316E1RJ/S3	E1 (RJ45) to SM Fiber modem (1550nm;50-100km; ST)	Each	Fiber Driver	\$1,450.00	36%	\$928.00	N/A	\$131.95	\$134.85	\$136.30	\$140.65	\$928.00	N/A	\$131.95	\$942.50	N/A	\$131.95
MRV Communications, Inc.	EM316E3/M	E3 Coax (BNC) to MM Fiber converter (1310nm;DSC) 0-2km	Each	Fiber Driver	\$830.00	36%	\$531.20	N/A	\$75.53	\$77.19	\$78.02	\$80.51	\$531.20	N/A	\$75.53	\$539.50	N/A	\$75.53
MRV Communications, Inc.	EM316E3/S1	E3 Coax (BNC) to SM Fiber converter (1310nm; DSC) 0-35km	Each	Fiber Driver	\$1,250.00	36%	\$800.00	N/A	\$113.75	\$116.25	\$117.50	\$121.25	\$800.00	N/A	\$113.75	\$812.50	N/A	\$113.75
MRV Communications, Inc.	EM316E3/S2	E3 Coax (BNC) to SM Fiber converter (1310nm; DSC)25-45km	Each	Fiber Driver	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	EM316E3/S3	E3 Coax (BNC) to SM Fiber converter (1550nm; DSC) 35-90km	Each	Fiber Driver	\$2,950.00	36%	\$1,888.00	N/A	\$268.45	\$274.35	\$277.30	\$286.15	\$1,888.00	N/A	\$268.45	\$1,917.50	N/A	\$268.45
MRV Communications, Inc.	EM316EFE1MUX4	Time division multiplexer, four E1 (BNC), 10/100Base-TX Ethernet (RJ-45), 100Base-FX optical trunk (SFP), advanced 802.3AH remote management with MRV extensions	Each	Fiber Driver	\$2,795.00	36%	\$1,788.80	N/A	\$254.35	\$259.94	\$262.73	\$271.12	\$1,788.80	N/A	\$254.35	\$1,816.75	N/A	\$254.35
MRV Communications, Inc.	EM316EFE1MUXRJ	Time division multiplexer, four E1 (RJ-48), 10/100Base-TX Ethernet (RJ-45), 100Base-FX optical trunk (SFP), advanced 802.3AH remote management with MRV extensions	Each	Fiber Driver	\$2,795.00	36%	\$1,788.80	N/A	\$254.35	\$259.94	\$262.73	\$271.12	\$1,788.80	N/A	\$254.35	\$1,816.75	N/A	\$254.35
MRV Communications, Inc.	EM316EFE1RJRM	Time Division Multiplexer (TDM), E1 (RJ-48), 10/100Base-TX Ethernet (RJ-45), 100Base-FX optical trunk (SFP), advanced 802.3AH-like remote management with MRV extensions	Each	Fiber Driver	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05

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MRV Communications, Inc.	EM316EFE1RJRM-5	Time Division Multiplexer (TDM), T1 (RJ-48), 10/100Base-TX Ethernet (RJ-45), 100Base-FX optical trunk (SFP), advanced 802.3AH-like remote management with MRV extensions. Firmware Revision 5.00	Each	Fiber Driver	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM316EFE1IRM	Time Division Multiplexer (TDM), E1 (BNC), 10/100Base-TX Ethernet (RJ-45), 100Base-FX optical trunk (SFP), advanced 802.3AH-like remote management with MRV extensions	Each	Fiber Driver	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM316EFE1IRM-5	Time Division Multiplexer (TDM), E1 (BNC), 10/100Base-TX Ethernet (RJ-45), 100Base-FX optical trunk (SFP), advanced 802.3AH-like remote management with MRV extensions. Firmware Revision 5.00	Each	Fiber Driver	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM316EFRM/M	10/100Base-TX Ethernet (RJ-45) to 100Base-FX MM Dual Fiber (DSC; 1310nm) with IP-Less Remote Management; 0-2km.	Each	Fiber Driver	\$755.00	36%	\$483.20	N/A	\$68.71	\$70.22	\$70.97	\$73.24	\$483.20	N/A	\$68.71	\$490.75	N/A	\$68.71
MRV Communications, Inc.	EM316EFRM/S1	10/100Base-TX Ethernet (RJ-45) to 100Base-FX SM Dual Fiber (DSC; 1310nm) with IP-Less Remote Management; 0-35km.	Each	Fiber Driver	\$640.00	36%	\$409.60	N/A	\$58.24	\$59.52	\$60.16	\$62.08	\$409.60	N/A	\$58.24	\$416.00	N/A	\$58.24
MRV Communications, Inc.	EM316EFRM/S2	10/100Base-TX Ethernet (RJ-45) to 100Base-FX SM Dual Fiber (DSC; 1310nm) with IP-Less Remote Management; 25-45km.	Each	Fiber Driver	\$1,160.00	36%	\$742.40	N/A	\$105.56	\$107.88	\$109.04	\$112.52	\$742.40	N/A	\$105.56	\$754.00	N/A	\$105.56
MRV Communications, Inc.	EM316EFRM/S3	10/100Base-TX Ethernet (RJ-45) to 100Base-FX SM Dual Fiber (DSC; 1550nm) with IP-Less Remote Management; 35-90km.	Each	Fiber Driver	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM316EFRMAHSH	User port Auto-sensing between 10/100 Base-TX Copper and 100Base-FX SFP Based Fiber to 100Base-FX Redundant SFP based Fiber trunk with 802.3AH extended Remote Management.	Each	Fiber Driver	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	EM316EFRMAHSH-5	User port Auto-sensing between 10/100 Base-TX Copper and 100Base-FX SFP Based Fiber to 100Base-FX Redundant SFP based Fiber trunk with 802.3AH extended Remote Management. Firmware Revision 5.00 (0042b).	Each	Fiber Driver	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	EM316EFT1MUX4	Time division multiplexer, four T1 (RJ-48), 10/100Base-TX Ethernet (RJ-45), 100Base-FX optical trunk (SFP), advanced 802.3AH remote management with MRV extensions	Each	Fiber Driver	\$2,795.00	36%	\$1,788.80	N/A	\$254.35	\$259.94	\$262.73	\$271.12	\$1,788.80	N/A	\$254.35	\$1,816.75	N/A	\$254.35

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316EFT1RM	Time Division Multiplexer (TDM), T1 (RJ-48), 10/100Base-TX Ethernet (RJ-45), 100Base-FX optical trunk (SFP), advanced 802.3AH-like remote management with MRV extensions	Each	Fiber Driver	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM316EFT1RM-5	Time Division Multiplexer (TDM), E1 (RJ-48), 10/100Base-TX Ethernet (RJ-45), 100Base-FX optical trunk (SFP), advanced 802.3AH-like remote management with MRV extensions. Firmware Revision 5.00	Each	Fiber Driver	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM316ERM/M	10Base-TX to 100Base-FX (MM; DSC 1310nm; 0-2km) with IP-Less Remote Management.	Each	Fiber Driver	\$550.00	36%	\$352.00	N/A	\$50.05	\$51.15	\$51.70	\$53.35	\$352.00	N/A	\$50.05	\$357.50	N/A	\$50.05
MRV Communications, Inc.	EM316ERM/MX	10Base-TX to 100Base-FX (MM; DSC 1310nm; 2-8km) with IP-Less Remote Management.	Each	Fiber Driver	\$1,000.00	36%	\$640.00	N/A	\$91.00	\$93.00	\$94.00	\$97.00	\$640.00	N/A	\$91.00	\$650.00	N/A	\$91.00
MRV Communications, Inc.	EM316ERM/S1	10Base-TX to 100Base-FX (SM; DSC 1310nm; 0-35km) with IP-Less Remote Management.	Each	Fiber Driver	\$575.00	36%	\$368.00	N/A	\$52.33	\$53.48	\$54.05	\$55.78	\$368.00	N/A	\$52.33	\$373.75	N/A	\$52.33
MRV Communications, Inc.	EM316ERM/S2	10Base-TX to 100Base-FX (SM; DSC 1310nm; 25-45km) with IP-Less Remote Management.	Each	Fiber Driver	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	EM316ERM/S3	10Base-TX to 100Base-FX (SM; DSC 1550nm, 35-90km) with IP-Less Remote Management.	Each	Fiber Driver	\$1,600.00	36%	\$1,024.00	N/A	\$145.60	\$148.80	\$150.40	\$155.20	\$1,024.00	N/A	\$145.60	\$1,040.00	N/A	\$145.60
MRV Communications, Inc.	EM316EUSM	Fast and Gigabit Optical Ethernet Universal Service Module, copper or fiber (SFP) selectable single access port, two redundant SFP trunk ports, advanced 802.3ah remote management with MRV extensions, SLA assurance tools	Each	Fiber Driver	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM316F/M	100Base-TX (RJ45) to 100Base-FX MM (1310nm;DSC) 0-2km	Each	Fiber Driver	\$335.00	36%	\$214.40	N/A	\$30.49	\$31.16	\$31.49	\$32.50	\$214.40	N/A	\$30.49	\$217.75	N/A	\$30.49
MRV Communications, Inc.	EM316F/MX	100Base-TX (RJ45) to 100Base-FX MM (1310nm;DSC) 2-7km	Each	Fiber Driver	\$695.00	36%	\$444.80	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$444.80	N/A	\$63.25	\$451.75	N/A	\$63.25
MRV Communications, Inc.	EM316F/S1	100Base-TX (RJ45) to 100Base-FX SM (1310nm;DSC) 0-25km	Each	Fiber Driver	\$420.00	36%	\$268.80	N/A	\$38.22	\$39.06	\$39.48	\$40.74	\$268.80	N/A	\$38.22	\$273.00	N/A	\$38.22
MRV Communications, Inc.	EM316F/S2	100Base-TX(RJ45) to 100Base-FX SM (1310nm;DSC) 25-50km	Each	Fiber Driver	\$695.00	36%	\$444.80	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$444.80	N/A	\$63.25	\$451.75	N/A	\$63.25
MRV Communications, Inc.	EM316F/S3	100Base-TX (RJ45) to 100Base-FX SM (1550nm; DSC) 50-100km	Each	Fiber Driver	\$1,095.00	36%	\$700.80	N/A	\$99.65	\$101.84	\$102.93	\$106.22	\$700.80	N/A	\$99.65	\$711.75	N/A	\$99.65
MRV Communications, Inc.	EM316FC400	1/24 Chps Fibre Channel Converter/Transponder, with dual SFP pluggable optics interfaces.	Each	Fiber Driver	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	EM316FRM/M	100Base-TX(RJ45) to 100Base-FX MM(1310nm;DSC) 0-2km; with IPLess Remote Management.	Each	Fiber Driver	\$755.00	36%	\$483.20	N/A	\$68.71	\$70.22	\$70.97	\$73.24	\$483.20	N/A	\$68.71	\$490.75	N/A	\$68.71

Area NW Hardware

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 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316FRM/S1	100Base-TX (RJ45) to 100Base-FX SM (1310nm;DSC) 0-35km; with IPLess Remote Management.	Each	Fiber Driver	\$790.00	36%	\$505.60	N/A	\$71.89	\$73.47	\$74.26	\$76.63	\$505.60	N/A	\$71.89	\$513.50	N/A	\$71.89
MRV Communications, Inc.	EM316FRM/S2	100Base-TX(RJ45) to 100Base-FX SM (1310nm;DSC) 25-45km; with IPLess Remote Management.	Each	Fiber Driver	\$1,160.00	36%	\$742.40	N/A	\$105.56	\$107.88	\$109.04	\$112.52	\$742.40	N/A	\$105.56	\$754.00	N/A	\$105.56
MRV Communications, Inc.	EM316FRM/S3	100Base-TX (RJ45) to 100Base-FX SM (1550nm; DSC) 35-90km; with IPLess Remote Management.	Each	Fiber Driver	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM316G/MX	1000Base-SX (850nm; DSC) to Extended Multimode Fiber (1310nm;DSC; 500m/2km)	Each	Fiber Driver	\$1,490.00	36%	\$953.60	N/A	\$135.59	\$138.57	\$140.06	\$144.53	\$953.60	N/A	\$135.59	\$968.50	N/A	\$135.59
MRV Communications, Inc.	EM316GCL/M	1000Base-TX(RJ45) to 1000Base-X Gigabit Ethernet SX (850nm, 0-0.5km; RJ45/DSC) with LIN (Link Integration Notification).	Each	Fiber Driver	\$1,000.00	36%	\$640.00	N/A	\$91.00	\$93.00	\$94.00	\$97.00	\$640.00	N/A	\$91.00	\$650.00	N/A	\$91.00
MRV Communications, Inc.	EM316GCL/MX	1000Base-TX(RJ45) to 1000Base-X Gigabit Ethernet Extended MM (1310nm;DSC) 0-2km with LIN (Link Integration Notification).	Each	Fiber Driver	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM316GCL/S1	1000Base-TX(RJ45) to 1000Base-X Gigabit Ethernet SM (1310nm;DSC) 0-10km with LIN (Link Integration Notification)	Each	Fiber Driver	\$1,195.00	36%	\$764.80	N/A	\$108.75	\$111.14	\$112.33	\$115.92	\$764.80	N/A	\$108.75	\$776.75	N/A	\$108.75
MRV Communications, Inc.	EM316GCL/S2	1000Base-TX(RJ45) to 1000Base-X Gigabit Ethernet SM (1550nm; DSC) 0-30km with LIN (Link Integration Notification).	Each	Fiber Driver	\$2,200.00	36%	\$1,408.00	N/A	\$200.20	\$204.60	\$206.80	\$213.40	\$1,408.00	N/A	\$200.20	\$1,430.00	N/A	\$200.20
MRV Communications, Inc.	EM316GCL/S3	1000Base-TX(RJ45) to 1000Base-X Gigabit Ethernet SM (1550nm;DSC) 30-60km with LIN (Link Integration Notification).	Each	Fiber Driver	\$2,950.00	36%	\$1,888.00	N/A	\$268.45	\$274.35	\$277.30	\$286.15	\$1,888.00	N/A	\$268.45	\$1,917.50	N/A	\$268.45
MRV Communications, Inc.	EM316GEMX2R	Time Division Multiplexer (TDM), two 1 Gb Ethernet SFP data interfaces to two redundant SFP trunk interfaces	Each	Fiber Driver	\$2,795.00	36%	\$1,788.80	N/A	\$254.35	\$259.94	\$262.73	\$271.12	\$1,788.80	N/A	\$254.35	\$1,816.75	N/A	\$254.35
MRV Communications, Inc.	EM316GRMAHSH	User port Auto-sensing between 10/100/1000 Base-TX Copper and 1000Base-X SFP Based Fiber to 1000Base-X Redundant SFP based Fiber trunk with 802.3AH extended Remote Management.	Each	Fiber Driver	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM316GRMAHSH-5	User port Auto-sensing between 10/100/1000 Base-TX Copper and 1000Base-X SFP Based Fiber to 1000Base-X Redundant SFP based Fiber trunk with 802.3AH extended Remote Management. Firmware Revision 5.00 (0042b).	Each	Fiber Driver	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM316LNXNM-OT	Linux based Network Management Module for Fiber Driver Optical Multi Service Platform.	Each	Fiber Driver	\$1,025.00	36%	\$656.00	N/A	\$93.28	\$95.33	\$96.35	\$99.43	\$656.00	N/A	\$93.28	\$666.25	N/A	\$93.28

Area NW Hardware

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 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price  
 > NYS OGS: PT61515

Used to determine Reasonableness of Price  
 > MHEC: MC10-F05

Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316MRMX2R	Multirate Time Division Multiplexer (TDM), two 1 Gb Ethernet or two 1 Gb Fibre Channel SFP data interfaces to two redundant SFP trunk interfaces	Each	Fiber Driver	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM316O3C/M	Sonet OC3 Coax (BNC) to OC MM (DSC) 1310nm; 0-2km	Each	Fiber Driver	\$1,250.00	36%	\$800.00	N/A	\$113.75	\$116.25	\$117.50	\$121.25	\$800.00	N/A	\$113.75	\$812.50	N/A	\$113.75
MRV Communications, Inc.	EM316O3C/S1	Sonet OC3 Coax (BNC) to OC SM S1 (DSC) 1310nm; 0-35km	Each	Fiber Driver	\$1,450.00	36%	\$928.00	N/A	\$131.95	\$134.85	\$136.30	\$140.65	\$928.00	N/A	\$131.95	\$942.50	N/A	\$131.95
MRV Communications, Inc.	EM316O3C/S2	Sonet OC3 Coax (BNC) to OC SM S2 (DSC) 1310nm; 25-45km	Each	Fiber Driver	\$1,900.00	36%	\$1,216.00	N/A	\$172.90	\$176.70	\$178.60	\$184.30	\$1,216.00	N/A	\$172.90	\$1,235.00	N/A	\$172.90
MRV Communications, Inc.	EM316O3C/S3	Sonet OC3 Coax (BNC) to OC SM S3 (DSC) 1550nm; 35-90 km	Each	Fiber Driver	\$2,450.00	36%	\$1,568.00	N/A	\$222.95	\$227.85	\$230.30	\$237.65	\$1,568.00	N/A	\$222.95	\$1,592.50	N/A	\$222.95
MRV Communications, Inc.	EM316SW-XY	Fast Ethernet multi-function Media Converter, 10/100 Base-TX, 100Base-FX, 2 RJ45 & 2 SFP Connectors	Each	Fiber Driver	\$495.00	36%	\$316.80	N/A	\$45.05	\$46.04	\$46.53	\$48.02	\$316.80	N/A	\$45.05	\$321.75	N/A	\$45.05
MRV Communications, Inc.	EM316SW-XYTH	Fast Ethernet multi-function Media Converter, 10/100 Base-TX, 100Base-FX, 2 RJ45 & 2 SFP Connectors, temperature hardened (-20-+65C).	Each	Fiber Driver	\$595.00	36%	\$380.80	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$380.80	N/A	\$54.15	\$386.75	N/A	\$54.15
MRV Communications, Inc.	EM316T1/M	T1 Copper (RJ48) to MM Fiber modem (820nm;0-2km; ST)	Each	Fiber Driver	\$525.00	36%	\$336.00	N/A	\$47.78	\$48.83	\$49.35	\$50.93	\$336.00	N/A	\$47.78	\$341.25	N/A	\$47.78
MRV Communications, Inc.	EM316T1/S1	T1 Copper(RJ48) to SM Fiber modem (1310nm; 5-30km;ST)	Each	Fiber Driver	\$725.00	36%	\$464.00	N/A	\$65.98	\$67.43	\$68.15	\$70.33	\$464.00	N/A	\$65.98	\$471.25	N/A	\$65.98
MRV Communications, Inc.	EM316T1/S2	T1 Copper(RJ48) to SM Fiber modem (1310nm;25-50km; ST)	Each	Fiber Driver	\$1,400.00	36%	\$896.00	N/A	\$127.40	\$130.20	\$131.60	\$135.80	\$896.00	N/A	\$127.40	\$910.00	N/A	\$127.40
MRV Communications, Inc.	EM316T1/S3	T1 Copper (RJ48) to SM Fiber modem (1550nm; 50-100km; ST).	Each	Fiber Driver	\$1,450.00	36%	\$928.00	N/A	\$131.95	\$134.85	\$136.30	\$140.65	\$928.00	N/A	\$131.95	\$942.50	N/A	\$131.95
MRV Communications, Inc.	EM316T1MUX4RM	Time Division Multiplexer (TDM), four T1 (RJ-48) to 100Base-FX optical trunk (SFP), advanced 802.3AH-like remote management with MRV extensions	Each	Fiber Driver	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	EM316WDS3C/S2	DS3 Coax (BNC) to Single Fiber Bidirectional (SM, TX:1310nm RX:1550nm; 0-25km, SC).	Each	Fiber Driver	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	EM316WDS3C/S3	DS3 Coax (BNC) to Single Fiber Bidirectional (SM, TX:1310nm RX:1550nm; 20-50km, SC).	Each	Fiber Driver	\$3,050.00	36%	\$1,952.00	N/A	\$277.55	\$283.65	\$286.70	\$295.85	\$1,952.00	N/A	\$277.55	\$1,982.50	N/A	\$277.55
MRV Communications, Inc.	EM316WDS3T/S2	DS3 Coax (BNC) to Single Fiber Bidirectional (SM, TX:1550nm, RX:1310nm, 0-25km, SC).	Each	Fiber Driver	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	EM316WDS3T/S3	DS3 Coax (BNC) to Single Fiber Bidirectional (SM, TX:1550nm RX:1310nm; 20-50km, SC).	Each	Fiber Driver	\$3,050.00	36%	\$1,952.00	N/A	\$277.55	\$283.65	\$286.70	\$295.85	\$1,952.00	N/A	\$277.55	\$1,982.50	N/A	\$277.55
MRV Communications, Inc.	EM316WEFRMC/EZX	2 Port Module, 1 port 10/100Base RJ45 Autosensing to 100Base FX Single Fiber SC (SM, TX: 1550nm; RX:1590nm; 30-120km, WDM) with IP-Less Remote Management	Each	Fiber Driver	\$4,100.00	36%	\$2,624.00	N/A	\$373.10	\$381.30	\$385.40	\$397.70	\$2,624.00	N/A	\$373.10	\$2,665.00	N/A	\$373.10
MRV Communications, Inc.	EM316WEFRMC/S2	10/100Base-FX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM, TX:1310nm RX:1550nm, 0-25km, SC) with IP-Less Remote Management.	Each	Fiber Driver	\$790.00	36%	\$505.60	N/A	\$71.89	\$73.47	\$74.26	\$76.63	\$505.60	N/A	\$71.89	\$513.50	N/A	\$71.89

Area NW Hardware

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 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316WEFRMC/S3	10/100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM,TX:1310nm RX:1550nm, 20-45km, SC), with IP-Less Remote Management.	Each	Fiber Driver	\$890.00	36%	\$569.60	N/A	\$80.99	\$82.77	\$83.66	\$86.33	\$569.60	N/A	\$80.99	\$578.50	N/A	\$80.99
MRV Communications, Inc.	EM316WEFRMT/EZX	2 Port Module, 1 port 10/100Base RJ45 Autosensing to 100Base FX Single Fiber SC (SM: TX: 1590nm; RX:1550nm, 30-120km, WDM) with IP-Less Remote Management	Each	Fiber Driver	\$4,100.00	36%	\$2,624.00	N/A	\$373.10	\$381.30	\$385.40	\$397.70	\$2,624.00	N/A	\$373.10	\$2,665.00	N/A	\$373.10
MRV Communications, Inc.	EM316WEFRMT/S2	10/100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM, TX:1550 RX:1310nm, 0-25km, SC), with IP-Less Remote Management.	Each	Fiber Driver	\$790.00	36%	\$505.60	N/A	\$71.89	\$73.47	\$74.26	\$76.63	\$505.60	N/A	\$71.89	\$513.50	N/A	\$71.89
MRV Communications, Inc.	EM316WEFRMT/S3	10/100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM,TX:1550nm RX:1310nm, 20-45km, SC), with IP-Less Remote Management.	Each	Fiber Driver	\$890.00	36%	\$569.60	N/A	\$80.99	\$82.77	\$83.66	\$86.33	\$569.60	N/A	\$80.99	\$578.50	N/A	\$80.99
MRV Communications, Inc.	EM316WERMC/S2	10Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM, TX:1310nm, RX:1550nm; SC) with IP-Less Remote Management; 0-25km.	Each	Fiber Driver	\$725.00	36%	\$464.00	N/A	\$65.98	\$67.43	\$68.15	\$70.33	\$464.00	N/A	\$65.98	\$471.25	N/A	\$65.98
MRV Communications, Inc.	EM316WERMC/S3	10Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM; TX:1310nm, RX: 1550nm; SC) with IP-Less Remote Management 20-45km.	Each	Fiber Driver	\$920.00	36%	\$588.80	N/A	\$83.72	\$85.56	\$86.48	\$89.24	\$588.80	N/A	\$83.72	\$598.00	N/A	\$83.72
MRV Communications, Inc.	EM316WERMT/S2	10Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM; TX:1550nm, RX: 1310nm; SC) with IP-Less Remote Management 0-25km.	Each	Fiber Driver	\$725.00	36%	\$464.00	N/A	\$65.98	\$67.43	\$68.15	\$70.33	\$464.00	N/A	\$65.98	\$471.25	N/A	\$65.98
MRV Communications, Inc.	EM316WERMT/S3	10Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM; TX: 1550nm, RX: 1310nm; SC) with IP-Less Remote Management 20-45km	Each	Fiber Driver	\$920.00	36%	\$588.80	N/A	\$83.72	\$85.56	\$86.48	\$89.24	\$588.80	N/A	\$83.72	\$598.00	N/A	\$83.72
MRV Communications, Inc.	EM316WFCS/S2	100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM; TX:1310nm RX: 1550nm; 0-25km;SC).	Each	Fiber Driver	\$645.00	36%	\$412.80	N/A	\$58.70	\$59.99	\$60.63	\$62.57	\$412.80	N/A	\$58.70	\$419.25	N/A	\$58.70
MRV Communications, Inc.	EM316WFCS/S3	100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM; TX:1310nm RX:1550nm; 20-45km; SC).	Each	Fiber Driver	\$695.00	36%	\$444.80	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$444.80	N/A	\$63.25	\$451.75	N/A	\$63.25
MRV Communications, Inc.	EM316WFRMC/S2	100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM;TX:1310nm RX:1550nm;0-25km;SC); with IP-Less Remote Management.	Each	Fiber Driver	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	EM316WFRMC/S3	100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM;TX:1310nm RX:1550nm;20-45km;SC);with IP-Less Remote Management.	Each	Fiber Driver	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316WFRMT/S2	100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM;TX:1550nm RX:1310nm;0-25km;SC); with IP-Less Remote Management.	Each	Fiber Driver	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	EM316WFRMT/S3	100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM; TX; 1550nm, RX:1310nm;20-45km;SC);with IP-Less Remote Management.	Each	Fiber Driver	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	EM316WFT/S2	100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM; TX; 1550nm RX:1310nm; 0-25km; SC).	Each	Fiber Driver	\$645.00	36%	\$412.80	N/A	\$58.70	\$59.99	\$60.63	\$62.57	\$412.80	N/A	\$58.70	\$419.25	N/A	\$58.70
MRV Communications, Inc.	EM316WFT/S3	100Base-TX Ethernet (RJ-45) to 100Base-FX Single Fiber Bidirectional (SM;TX: 1550nm RX:1310nm; 20-45km; SC).	Each	Fiber Driver	\$695.00	36%	\$444.80	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$444.80	N/A	\$63.25	\$451.75	N/A	\$63.25
MRV Communications, Inc.	EM316WGCLC/S2	1000Base-TX Gigabit Ethernet (RJ-45) to 1000Base-X Single Fiber Bidirectional (TX:1550nm RX:1310nm; 0-25km; SC).	Each	Fiber Driver	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM316WGCLC/S3	1000Base-TX Gigabit Ethernet (RJ-45) to 1000Base-X Single Fiber Bidirectional (TX:1550nm RX:1310nm; 25-50km; SC).	Each	Fiber Driver	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM316WGCLT/S2	1000Base-TX Gigabit Ethernet (RJ-45) to 1000Base-X Single Fiber Bidirectional (TX:1310nm RX:1550nm; 0-25km; SC).	Each	Fiber Driver	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM316WGCLT/S3	1000Base-TX Gigabit Ethernet (RJ-45) to 1000Base-X Single Fiber Bidirectional (TX:1310nm RX:1550nm; 25-50km; SC).	Each	Fiber Driver	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	NC316-16BRACKET	Rack Mount Bracket for 16-slot chassis	Each	Fiber Driver	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	NC316-16DOOR	16BU Chassis Transponder protection door 19" rack mount.	Each	Fiber Driver	\$540.00	36%	\$345.60	N/A	\$49.14	\$50.22	\$50.76	\$52.38	\$345.60	N/A	\$49.14	\$351.00	N/A	\$49.14
MRV Communications, Inc.	NC316-16RPSAC	Redundant Power Supply for NC316BU-16 (240 VAC)	Each	Fiber Driver	\$239.00	36%	\$152.96	N/A	\$21.75	\$22.23	\$22.47	\$23.18	\$152.96	N/A	\$21.75	\$155.35	N/A	\$21.75
MRV Communications, Inc.	NC316-16RPSDC	Redundant Power Supply for NC316BU-16 (-48 VDC)	Each	Fiber Driver	\$625.00	36%	\$400.00	N/A	\$56.88	\$58.13	\$58.75	\$60.63	\$400.00	N/A	\$56.88	\$406.25	N/A	\$56.88
MRV Communications, Inc.	NC316-3RPSAC	Redundant power supply for NC316BU-3/AC (90-240VAC)	Each	Fiber Driver	\$249.00	36%	\$159.36	N/A	\$22.66	\$23.16	\$23.41	\$24.15	\$159.36	N/A	\$22.66	\$161.85	N/A	\$22.66
MRV Communications, Inc.	NC316-3RPSDC	Redundant power supply for NC316BU-3/DC	Each	Fiber Driver	\$335.00	36%	\$214.40	N/A	\$30.49	\$31.16	\$31.49	\$32.50	\$214.40	N/A	\$30.49	\$217.75	N/A	\$30.49
MRV Communications, Inc.	NC316-4SRPSAC	Redundant Power Supply for NC316BU-4S/AC (90-240V AC)	Each	Fiber Driver	\$279.00	36%	\$178.56	N/A	\$25.39	\$25.95	\$26.23	\$27.06	\$178.56	N/A	\$25.39	\$181.35	N/A	\$25.39
MRV Communications, Inc.	NC316-4SRPSDC	Redundant Power Supply for NC316BU-4S/-48VDC	Each	Fiber Driver	\$355.00	36%	\$227.20	N/A	\$32.31	\$33.02	\$33.37	\$34.44	\$227.20	N/A	\$32.31	\$230.75	N/A	\$32.31
MRV Communications, Inc.	NC316BP-1	Blank Panel, single slot wide, for NC316	Each	Fiber Driver	\$15.00	36%	\$9.60	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$9.60	N/A	\$1.37	\$9.75	N/A	\$1.37
MRV Communications, Inc.	NC316BP-4	Blank Panel, four-slot wide, for NC316BU-16	Each	Fiber Driver	\$15.00	36%	\$9.60	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$9.60	N/A	\$1.37	\$9.75	N/A	\$1.37
MRV Communications, Inc.	NC316BU-1/15AC	Single-slot Chassis 15W with Internal 90-240V AC Power Supply. Desk Top.	Each	Fiber Driver	\$119.00	36%	\$76.16	N/A	\$10.83	\$11.07	\$11.19	\$11.54	\$76.16	N/A	\$10.83	\$77.35	N/A	\$10.83

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	NC316BU-1/15ACE	Single-slot Chassis 15W with Internal 90-240V AC Power Supply (European Version), no power cable is provided. Desk Top.	Each	Fiber Driver	\$115.00	36%	\$73.60	N/A	\$10.47	\$10.70	\$10.81	\$11.16	\$73.60	N/A	\$10.47	\$74.75	N/A	\$10.47
MRV Communications, Inc.	NC316BU-1/15DC	Single-slot Chassis 15W with Internal -48V DC Power Supply. Desk Top.	Each	Fiber Driver	\$295.00	36%	\$188.80	N/A	\$26.85	\$27.44	\$27.73	\$28.62	\$188.80	N/A	\$26.85	\$191.75	N/A	\$26.85
MRV Communications, Inc.	NC316BU-1/AC	Single-slot Chassis with Internal 90-240V AC Power Supply. Desk Top	Each	Fiber Driver	\$119.00	36%	\$76.16	N/A	\$10.83	\$11.07	\$11.19	\$11.54	\$76.16	N/A	\$10.83	\$77.35	N/A	\$10.83
MRV Communications, Inc.	NC316BU-1/AC/EU	Single-slot chassis with internal 200-250 VAC Power Supply (European version), no power cable is provided	Each	Fiber Driver	\$115.00	36%	\$73.60	N/A	\$10.47	\$10.70	\$10.81	\$11.16	\$73.60	N/A	\$10.47	\$74.75	N/A	\$10.47
MRV Communications, Inc.	NC316BU-1/DC	Single-slot Chassis with Internal -48V DC Power Supply. Desk Top	Each	Fiber Driver	\$295.00	36%	\$188.80	N/A	\$26.85	\$27.44	\$27.73	\$28.62	\$188.80	N/A	\$26.85	\$191.75	N/A	\$26.85
MRV Communications, Inc.	NC316BU-1/NP	Non-managed, non-powered single-slot chassis.	Each	Fiber Driver	\$75.00	36%	\$48.00	N/A	\$6.83	\$6.98	\$7.05	\$7.28	\$48.00	N/A	\$6.83	\$48.75	N/A	\$6.83
MRV Communications, Inc.	NC316BU-16/AC	16-slot Chassis with Internal 90-240V AC Power Supply (Three single slot and two four slot blank panels included)	Each	Fiber Driver	\$733.00	36%	\$469.12	N/A	\$66.70	\$68.17	\$68.90	\$71.10	\$469.12	N/A	\$66.70	\$476.45	N/A	\$66.70
MRV Communications, Inc.	NC316BU-16/DC	16-slot Chassis with Internal -48V DC Power Supply (Three single slot and two four slot blank panels included)	Each	Fiber Driver	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	NC316BU-16/NP	Non-managed, non-powered 16-slot Chassis (Three single slot and two four slot blank panels included). Upgradable to powered by adding power supplies.	Each	Fiber Driver	\$545.00	36%	\$348.80	N/A	\$49.60	\$50.69	\$51.23	\$52.87	\$348.80	N/A	\$49.60	\$354.25	N/A	\$49.60
MRV Communications, Inc.	NC316BU-16CMT	Cable Management Tray for NC316BU-16	Each	Fiber Driver	\$200.00	36%	\$128.00	N/A	\$18.20	\$18.60	\$18.80	\$19.40	\$128.00	N/A	\$18.20	\$130.00	N/A	\$18.20
MRV Communications, Inc.	NC316BU-1HP/AC	Single-slot High Power Chassis with Internal 90-240V AC Power Supply. To be used with all Single Fiber modules	Each	Fiber Driver	\$125.00	36%	\$80.00	N/A	\$11.38	\$11.63	\$11.75	\$12.13	\$80.00	N/A	\$11.38	\$81.25	N/A	\$11.38
MRV Communications, Inc.	NC316BU-1HP/DC	Single-slot High Power Chassis with Internal -48V DC Power Supply. Must be used with passive wide DWDM modules.	Each	Fiber Driver	\$320.00	36%	\$204.80	N/A	\$29.12	\$29.76	\$30.08	\$31.04	\$204.80	N/A	\$29.12	\$208.00	N/A	\$29.12
MRV Communications, Inc.	NC316BU-2/AC	2-slot chassis with Internal 90-240V AC Power supply (One single slot blank panel included)	Each	Fiber Driver	\$295.00	36%	\$188.80	N/A	\$26.85	\$27.44	\$27.73	\$28.62	\$188.80	N/A	\$26.85	\$191.75	N/A	\$26.85
MRV Communications, Inc.	NC316BU-2/DC	2-slot chassis with Internal -48V DC Power supply (One single slot blank panel included)	Each	Fiber Driver	\$350.00	36%	\$224.00	N/A	\$31.85	\$32.55	\$32.90	\$33.95	\$224.00	N/A	\$31.85	\$227.50	N/A	\$31.85
MRV Communications, Inc.	NC316BU-3/AC	3-slot chassis with Internal 90-240V AC power supply (second PS is optional; Two Single Slot Blank Panel included)	Each	Fiber Driver	\$865.00	36%	\$553.60	N/A	\$78.72	\$80.45	\$81.31	\$83.91	\$553.60	N/A	\$78.72	\$562.25	N/A	\$78.72
MRV Communications, Inc.	NC316BU-3/DC	3-slot chassis, one DC power supply (second PS is optional; Two Single Slot Blank Panel included)	Each	Fiber Driver	\$985.00	36%	\$630.40	N/A	\$89.64	\$91.61	\$92.59	\$95.55	\$630.40	N/A	\$89.64	\$640.25	N/A	\$89.64

Area NW Hardware

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 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	NC316BU-4S/AC	4-slot Chassis with Internal 90-240V AC Power Supply (Two single slot blank panels included)	Each	Fiber Driver	\$595.00	36%	\$380.80	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$380.80	N/A	\$54.15	\$386.75	N/A	\$54.15
MRV Communications, Inc.	NC316BU-4S/DC	4-slot Chassis with Internal -48V DC Power Supply (Two single slot blank panels included)	Each	Fiber Driver	\$695.00	36%	\$444.80	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$444.80	N/A	\$63.25	\$451.75	N/A	\$63.25
MRV Communications, Inc.	NC316BU-4S/NP	Non-managed, non-powered 4-slot Chassis (Two single slot blank panels included). Upgradable to powered by adding power supplies.	Each	Fiber Driver	\$495.00	36%	\$316.80	N/A	\$45.05	\$46.04	\$46.53	\$48.02	\$316.80	N/A	\$45.05	\$321.75	N/A	\$45.05
MRV Communications, Inc.	NC316BU4PMC/NP	Non-managed, non-powered 4-slot Chassis for Fiber Driver Passive Mux/Demux Modules (not upgradable to powered).	Each	Fiber Driver	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	NC316DCC	DC Power Female Connector (WAGO)	Each	Fiber Driver	\$12.00	36%	\$7.68	N/A	\$1.09	\$1.12	\$1.13	\$1.16	\$7.68	N/A	\$1.09	\$7.80	N/A	\$1.09
MRV Communications, Inc.	NC316MB-1	Wall Mount Bracket for NC316BU-1	Each	Fiber Driver	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	NC316MB-2	Wall Mount Bracket for NC316BU-2	Each	Fiber Driver	\$90.00	36%	\$57.60	N/A	\$8.19	\$8.37	\$8.46	\$8.73	\$57.60	N/A	\$8.19	\$58.50	N/A	\$8.19
MRV Communications, Inc.	NC316RB23-16	Rack Mount Bracket for NC316BU-16/AC Chassis, 23"	Each	Fiber Driver	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	NC316RB23-3	Rack Mount Bracket for NC316BU-3/AC or 3/DC Teleo Chassis; 23"	Each	Fiber Driver	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	NC316RB23-4PMC	Rack Mount Bracket for NC316BU4PMC Telco Chassis; 23"	Each	Fiber Driver	\$40.00	36%	\$25.60	N/A	\$3.64	\$3.72	\$3.76	\$3.88	\$25.60	N/A	\$3.64	\$26.00	N/A	\$3.64
MRV Communications, Inc.	NC316RB23-4S	Rack Mount Bracket for NC316BU-4S/AC or 4S/DC Telco Chassis; 23"	Each	Fiber Driver	\$40.00	36%	\$25.60	N/A	\$3.64	\$3.72	\$3.76	\$3.88	\$25.60	N/A	\$3.64	\$26.00	N/A	\$3.64
MRV Communications, Inc.	POWERCORD-EUR	Power cord Euro, 5amp/ 240 volt.	Each	Fiber Driver	\$8.00	36%	\$5.12	N/A	\$0.73	\$0.74	\$0.75	\$0.78	\$5.12	N/A	\$0.73	\$5.20	N/A	\$0.73
MRV Communications, Inc.	POWERCORD-JPR	Power cord for Japan, 7amp/125V.	Each	Fiber Driver	\$12.00	36%	\$7.68	N/A	\$1.09	\$1.12	\$1.13	\$1.16	\$7.68	N/A	\$1.09	\$7.80	N/A	\$1.09
MRV Communications, Inc.	POWERCORD-UK	Power cord UK, 5amp/ 250 volt.	Each	Fiber Driver	\$11.00	36%	\$7.04	N/A	\$1.00	\$1.02	\$1.03	\$1.07	\$7.04	N/A	\$1.00	\$7.15	N/A	\$1.00
MRV Communications, Inc.	MC102FUM	10/100BaseTX to 100BaseFX converter (MM, 1310nm, 0-2km, DSC)	Each	Media Converters	\$255.00	36%	\$163.20	N/A	\$23.21	\$23.72	\$23.97	\$24.74	\$163.20	N/A	\$23.21	\$165.75	N/A	\$23.21
MRV Communications, Inc.	MC102FU/S1	10/100BaseTX to 100BaseFX converter (SM, 1310nm, 0-35km, DSC)	Each	Media Converters	\$295.00	36%	\$188.80	N/A	\$26.85	\$27.44	\$27.73	\$28.62	\$188.80	N/A	\$26.85	\$191.75	N/A	\$26.85
MRV Communications, Inc.	MC102FU/S2	10/100BaseTX to 100BaseFX converter (SM, 1310nm, 20-50km, DSC)	Each	Media Converters	\$645.00	36%	\$412.80	N/A	\$58.70	\$59.99	\$60.63	\$62.57	\$412.80	N/A	\$58.70	\$419.25	N/A	\$58.70
MRV Communications, Inc.	MC102FU/S3	10/100BaseTX to 100BaseFX converter (SM, 1550nm, 50-100km, DSC)	Each	Media Converters	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	MC102FR/M	100BaseFX MM repeater (MM, 1310nm, 0-2km, DSC)	Each	Media Converters	\$439.00	36%	\$280.96	N/A	\$39.95	\$40.83	\$41.27	\$42.58	\$280.96	N/A	\$39.95	\$285.35	N/A	\$39.95
MRV Communications, Inc.	MC102FR/S1	100BaseFX SM repeater (SM, 1310nm, 0-50km, DSC)	Each	Media Converters	\$545.00	36%	\$348.80	N/A	\$49.60	\$50.69	\$51.23	\$52.87	\$348.80	N/A	\$49.60	\$354.25	N/A	\$49.60
MRV Communications, Inc.	MC102FRC/M	100BaseTX to 100BaseFX MM repeater (MM, 1310nm, 0-2km, DSC)	Each	Media Converters	\$255.00	36%	\$163.20	N/A	\$23.21	\$23.72	\$23.97	\$24.74	\$163.20	N/A	\$23.21	\$165.75	N/A	\$23.21
MRV Communications, Inc.	MC102FRC/S1	100BaseTX to 100BaseFX SM repeater (SM, 1310nm, 0-35km, DSC)	Each	Media Converters	\$350.00	36%	\$224.00	N/A	\$31.85	\$32.55	\$32.90	\$33.95	\$224.00	N/A	\$31.85	\$227.50	N/A	\$31.85

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	MC102FRM/S1	100BaseFX MM to SM repeater (SM, 1310nm, 0-35km, DSC)	Each	Media Converters	\$695.00	36%	\$444.80	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$444.80	N/A	\$63.25	\$451.75	N/A	\$63.25
MRV Communications, Inc.	MC102FRM/S2	100BaseFX MM to SM repeater (SM, 1310nm, 20-50km, DSC)	Each	Media Converters	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	MC102FRM/S3	100BaseFX MM to SM repeater (SM, 1550nm, 50-100km, DSC)	Each	Media Converters	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	1600125-001R	Coax, 1.0/2.3 to BNC 75 ohm Cable assembly, 36 inches long.	Each	Media Cross Conn	\$45.00	36%	\$28.80	N/A	\$4.10	\$4.19	\$4.23	\$4.37	\$28.80	N/A	\$4.10	\$29.25	N/A	\$4.10
MRV Communications, Inc.	EM316LNXNM-MCC	Linux-based CLI/SNMP management module for Media Cross Connect systems.	Each	Media Cross Conn	\$500.00	36%	\$320.00	N/A	\$45.50	\$46.50	\$47.00	\$48.50	\$320.00	N/A	\$45.50	\$325.00	N/A	\$45.50
MRV Communications, Inc.	EMPMC-18DT3E3	Interface blade for 72/144/288-port chassis with 18 DS3/E3/STS-1 ports with coaxial (1.0/2.3) connectors, hot swappable; add 1600125-901 cable adapter (1.0/2.3 to BNC) as needed.	Each	Media Cross Conn	\$6,600.00	36%	\$4,224.00	N/A	\$600.60	\$613.80	\$620.40	\$640.20	\$4,224.00	N/A	\$600.60	\$4,290.00	N/A	\$600.60
MRV Communications, Inc.	EMPMC-36RJ	Interface blade for 72/144/288-port chassis with 36 10/100/1000 Ethernet ports with RJ-45 connectors, hot swappable.	Each	Media Cross Conn	\$4,995.00	36%	\$3,196.80	N/A	\$454.55	\$464.54	\$469.53	\$484.52	\$3,196.80	N/A	\$454.55	\$3,246.75	N/A	\$454.55
MRV Communications, Inc.	EMPMC-36SFP	Interface blade for 72/144/288-port chassis with 36 SFP ports, hot swappable.	Each	Media Cross Conn	\$4,995.00	36%	\$3,196.80	N/A	\$454.55	\$464.54	\$469.53	\$484.52	\$3,196.80	N/A	\$454.55	\$3,246.75	N/A	\$454.55
MRV Communications, Inc.	EMPMC-36SFP3R	Interface blade for 72/144/288-port chassis with 36 SFP ports, CDR for 1/2/4 Gbps Fibre Channel, hot swappable.	Each	Media Cross Conn	\$6,600.00	36%	\$4,224.00	N/A	\$600.60	\$613.80	\$620.40	\$640.20	\$4,224.00	N/A	\$600.60	\$4,290.00	N/A	\$600.60
MRV Communications, Inc.	EMPMC-36SFP3RMR	Multi Rate Interface blade for 72/144/288- Port Chassis with 36 SFP-Ports, with clock recovery 3R, for SONET, Ethernet and Fibre Channel.	Each	Media Cross Conn	\$9,285.00	36%	\$5,942.40	N/A	\$844.94	\$863.51	\$872.79	\$900.65	\$5,942.40	N/A	\$844.94	\$6,035.25	N/A	\$844.94
MRV Communications, Inc.	EMPMC-36T1E1	Interface blade for 72/144/288-port chassis with 36 T1/E1 ports with RJ-48 connectors, supports Copper to Fiber conversion, hot swappable.	Each	Media Cross Conn	\$8,249.00	36%	\$5,279.36	N/A	\$750.66	\$767.16	\$775.41	\$800.15	\$5,279.36	N/A	\$750.66	\$5,361.85	N/A	\$750.66
MRV Communications, Inc.	EMPMC-8XFPMR	Interface blade for 72/144/288-port chassis with 8 10-Gbps XFP ports, for 10G Ethernet LAN or WAN PHY, SONET OC192, and 10G Fibre Channel, local switching only, hot swappable.	Each	Media Cross Conn	\$16,695.00	36%	\$10,684.80	N/A	\$1,519.25	\$1,552.64	\$1,569.33	\$1,619.42	\$10,684.80	N/A	\$1,519.25	\$10,851.75	N/A	\$1,519.25
MRV Communications, Inc.	EMPMC-9XFP	Interface blade for 72/144/288-port chassis with 9 10-Gbps XFP ports, hot swappable.	Each	Media Cross Conn	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	NC316-144CMB	Cable Management Bracket for 144 Port Chassis.	Each	Media Cross Conn	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	NC316-144PMC4X	Modular, 144-port, 4 line card, Media Cross Connect Chassis 4.25Gbps, with one 90-240VAC power supply and Linux Management Card, add one NC316-144RPSAC for power redundancy.	Each	Media Cross Conn	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55

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MRV Communications, Inc.	NC316-144PMC4XD	Modular, 144-port, 4 line card, Media Cross Connect Chassis 4.25Gbps with one 48V DC power supply and Linux Management Card, add one NC316-144RPSDC for power redundancy.	Each	Media Cross Comm	\$20,275.00	36%	\$12,976.00	N/A	\$1,845.03	\$1,885.58	\$1,905.85	\$1,966.68	\$12,976.00	N/A	\$1,845.03	\$13,178.75	N/A	\$1,845.03
MRV Communications, Inc.	NC316-144RPSAC	Redundant power supply for NC316-144PMC4X and NC316-288PMC4X.	Each	Media Cross Comm	\$1,400.00	36%	\$896.00	N/A	\$127.40	\$130.20	\$131.60	\$135.80	\$896.00	N/A	\$127.40	\$910.00	N/A	\$127.40
MRV Communications, Inc.	NC316-144RPSDC	Redundant 48V DC power supply for NC316-144PMC4XDC and NC316-288PMC4XDC.	Each	Media Cross Comm	\$1,680.00	36%	\$1,075.20	N/A	\$152.88	\$156.24	\$157.92	\$162.96	\$1,075.20	N/A	\$152.88	\$1,092.00	N/A	\$152.88
MRV Communications, Inc.	NC316-288CMB	Cable Management Bracket for 144 Port Chassis.	Each	Media Cross Comm	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	NC316-288PMC4X	Modular, 288-port, 8 line card, Media Cross Connect Chassis 4.25Gbps with two 90-240VAC power supply and Linux Management Card, add two NC316-144RPSAC for power redundancy.	Each	Media Cross Comm	\$49,995.00	36%	\$31,996.80	N/A	\$4,549.55	\$4,649.54	\$4,699.53	\$4,849.52	\$31,996.80	N/A	\$4,549.55	\$32,496.75	N/A	\$4,549.55
MRV Communications, Inc.	NC316-288PMC4XD	Modular, 288-port, 8 line card, Media Cross Connect Chassis 4.25Gbps with two 48V DC power supply and Linux Management Card, add two NC316-144RPSDC for power redundancy.	Each	Media Cross Comm	\$50,555.00	36%	\$32,355.20	N/A	\$4,600.51	\$4,701.62	\$4,752.17	\$4,903.84	\$32,355.20	N/A	\$4,600.51	\$32,860.75	N/A	\$4,600.51
MRV Communications, Inc.	NC316-72CMB	Cable Management Bracket for 72 Port Chassis.	Each	Media Cross Comm	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	NC316-72PMC4X	Modular, 72-port, 2 line card, Media Cross Connect Chassis 4.25Gbps with one 90-240VAC power supply and Linux Management Card, add one NC316-72RPSAC for power redundancy.	Each	Media Cross Comm	\$10,005.00	36%	\$6,403.20	N/A	\$910.46	\$930.47	\$940.47	\$970.49	\$6,403.20	N/A	\$910.46	\$6,503.25	N/A	\$910.46
MRV Communications, Inc.	NC316-72RPSAC	Redundant power supply for NC316-72PMC4X.	Each	Media Cross Comm	\$1,007.00	36%	\$644.48	N/A	\$91.64	\$93.65	\$94.66	\$97.68	\$644.48	N/A	\$91.64	\$654.55	N/A	\$91.64
MRV Communications, Inc.	PMC144FP-1	Blank panel, single slot for 72/144/288-port chassis.	Each	Media Cross Comm	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	MV-ENT	MegaVision Enterprise NMS limited version . Limitations: Up to 14 managed devices, no MCC App, no WDM Service Manager, no Event Horizon. Includes MegaVision Enterprise license for one server and unlimited number of Web clients, MegaVisionJ multi-platform E	Each	MegaVision	\$2,000.00	36%	\$1,280.00	N/A	N/A	N/A	N/A	N/A	\$1,280.00	N/A	\$182.00	\$1,300.00	N/A	\$182.00
MRV Communications, Inc.	MV-ENT/UPDA	Annual software update service for MV-ENT. Updates for 1 year from date of purchase. The PO must contain S/N of MV-ENT or MV-ENT/UPDA product which was purchased less than 1 year ago.	Each	MegaVision	\$1,000.00	36%	\$640.00	N/A	N/A	N/A	N/A	N/A	\$640.00	N/A	\$91.00	\$650.00	N/A	\$91.00

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MRV Communications, Inc.	MV-ENTPRO/UPDA	Software update service from MV-ENT to MV-WEB/PRO. Updates for 1 year from date of purchase. The PO must contain S/N of MV-ENT or MV-ENT/UPDA product which was purchased less than 1 year ago.	Each	MegaVision	\$5,000.00	36%	\$3,200.00	N/A	N/A	N/A	N/A	N/A	\$3,200.00	N/A	\$455.00	\$3,250.00	N/A	\$455.00
MRV Communications, Inc.	MV-WEB/PRO	MegaVision Pro NMS complete Package. Includes MegaVision Pro license for one server and unlimited number of Web clients, MegaVision multi-platform EMS and Event Horizon FMS. Includes one year of software updates at no additional cost.	Each	MegaVision	\$6,995.00	36%	\$4,476.80	N/A	N/A	N/A	N/A	N/A	\$4,476.80	N/A	\$636.55	\$4,546.75	N/A	\$636.55
MRV Communications, Inc.	MV-WEB/UPDA	Annual software update service for MV-WEB/PRO. Updates for 1 year from date of purchase. The PO must contain S/N of MV-WEB/PRO or MV-WEB/UPDA product which was activated less than 1 year ago.	Each	MegaVision	\$3,395.00	36%	\$2,172.80	N/A	N/A	N/A	N/A	N/A	\$2,172.80	N/A	\$308.95	\$2,206.75	N/A	\$308.95
MRV Communications, Inc.	EM304-BR-1	19" mounting brackets for a Telco rack.	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM304-BR-2	23" mounting brackets for a Telco rack.	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM304-BR-3	19" mounting brackets for a Telco rack - fits OS304-S with 2 AC power supplies.	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM304-BR-4	23" mounting brackets for a Telco rack - fits OS304-S with 2 AC power supplies.	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM304-WBR	Wall mounting bracket for OS300.	Each	Metro Ethernet Des	\$15.00	36%	\$9.60	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$9.60	N/A	\$1.37	\$9.75	N/A	\$1.37
MRV Communications, Inc.	EM9-CES-4E1c	4 - port E1 Circuit Emulation Service module with high-precision clock.	Each	Metro Ethernet Des	\$2,850.00	36%	\$1,824.00	N/A	\$259.35	\$265.05	\$267.90	\$276.45	\$1,824.00	N/A	\$259.35	\$1,852.50	N/A	\$259.35
MRV Communications, Inc.	EM9-CES-4T1c	4 - port T1 Circuit Emulation Service module with high-precision clock.	Each	Metro Ethernet Des	\$2,850.00	36%	\$1,824.00	N/A	\$259.35	\$265.05	\$267.90	\$276.45	\$1,824.00	N/A	\$259.35	\$1,852.50	N/A	\$259.35
MRV Communications, Inc.	EM9-CES-OC3	1-port OC-3/STM-1 - 1:1 protected - Circuit Emulation Service aggregation module.	Each	Metro Ethernet Des	\$17,500.00	36%	\$11,200.00	N/A	\$1,592.50	\$1,627.50	\$1,645.00	\$1,697.50	\$11,200.00	N/A	\$1,592.50	\$11,375.00	N/A	\$1,592.50
MRV Communications, Inc.	EM9-M-PS/AC	AC power supply for the OptiSwitch® 910-M Series (90-240V AC).	Each	Metro Ethernet Des	\$255.00	36%	\$163.20	N/A	\$23.21	\$23.72	\$23.97	\$24.74	\$163.20	N/A	\$23.21	\$165.75	N/A	\$23.21
MRV Communications, Inc.	EM9-M-PS/DC	DC power supply for the OptiSwitch® 910-M Series (-48V DC).	Each	Metro Ethernet Des	\$295.00	36%	\$188.80	N/A	\$26.85	\$27.44	\$27.73	\$28.62	\$188.80	N/A	\$26.85	\$191.75	N/A	\$26.85
MRV Communications, Inc.	EM900-BR-F	19" mounting brackets for side-by-side installation of dual OS904 and OS906 - Two systems in 19" rack.	Each	Metro Ethernet Des	\$35.00	36%	\$22.40	N/A	\$3.19	\$3.26	\$3.29	\$3.40	\$22.40	N/A	\$3.19	\$22.75	N/A	\$3.19
MRV Communications, Inc.	EM900-WBR	Wall mounting bracket for OS900 series.	Each	Metro Ethernet Des	\$15.00	36%	\$9.60	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$9.60	N/A	\$1.37	\$9.75	N/A	\$1.37
MRV Communications, Inc.	EM9005-PS/AC	AC power supply for the OptiSwitch® 9000 Series (90-240V AC).	Each	Metro Ethernet Des	\$595.00	36%	\$380.80	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$380.80	N/A	\$54.15	\$386.75	N/A	\$54.15

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MRV Communications, Inc.	EM9005-PS/DC	DC power supply for the OptiSwitch9 9000 Series (-48V DC).	Each	Metro Ethernet Des	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	EM910-BR-1	19" mounting brackets for a Telco rack	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM910-BR-2	23" mounting brackets for a Telco rack	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM910-BR-3	19" mounting brackets for a Telco rack - fits OS910 with 2 AC power supplies.	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM910-BR-4	23" mounting brackets for a Telco rack - fits OS910 with 2 AC power supplies.	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM910-BR-D	19" mounting brackets for dual side-by-side OS910 (single PS models) - Two systems in 19" 1RU.	Each	Metro Ethernet Des	\$35.00	36%	\$22.40	N/A	\$3.19	\$3.26	\$3.29	\$3.40	\$22.40	N/A	\$3.19	\$22.75	N/A	\$3.19
MRV Communications, Inc.	EM910-BR-E	19" mounting brackets for OS910 and LDP100 side-by-side.	Each	Metro Ethernet Des	\$35.00	36%	\$22.40	N/A	\$3.19	\$3.26	\$3.29	\$3.40	\$22.40	N/A	\$3.19	\$22.75	N/A	\$3.19
MRV Communications, Inc.	EM910M-BR-2	23" mounting brackets for a Telco rack.	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM930-BR-2	23" mounting brackets for a Telco rack.	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM930-WBR	Wall mounting bracket for OS930.	Each	Metro Ethernet Des	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	OS304	Optical termination unit - 2 RJ45 10/100/1000Base-T LAN and 2 100/1000FX WAN SFP ports, AC (90-240VAC) power supply.	Each	Metro Ethernet Des	\$1,200.00	36%	\$768.00	N/A	\$109.20	\$111.60	\$112.80	\$116.40	\$768.00	N/A	\$109.20	\$780.00	N/A	\$109.20
MRV Communications, Inc.	OS304-S	Optical termination unit - 1 RJ45 10/100/1000Base-T and 3 100/1000FX WAN SFP ports, AC (90-240VAC) power supply.	Each	Metro Ethernet Des	\$1,300.00	36%	\$832.00	N/A	\$118.30	\$120.90	\$122.20	\$126.10	\$832.00	N/A	\$118.30	\$845.00	N/A	\$118.30
MRV Communications, Inc.	OS304-S/AC-2	Optical termination unit - 1 RJ45 10/100/1000Base-T and 3 100/1000FX WAN SFP ports, Dual redundant AC (90-240VAC) power supply.	Each	Metro Ethernet Des	\$1,750.00	36%	\$1,120.00	N/A	\$159.25	\$162.75	\$164.50	\$169.75	\$1,120.00	N/A	\$159.25	\$1,137.50	N/A	\$159.25
MRV Communications, Inc.	OS304-S/DC	Optical termination unit - 1 RJ45 10/100/1000Base-T and 3 100/1000FX WAN SFP ports, DC (-48VDC) power supply.	Each	Metro Ethernet Des	\$1,400.00	36%	\$896.00	N/A	\$127.40	\$130.20	\$131.60	\$135.80	\$896.00	N/A	\$127.40	\$910.00	N/A	\$127.40
MRV Communications, Inc.	OS304/DC	Optical termination unit - 2 RJ45 10/100/1000Base-T LAN and 2 100/1000FX WAN SFP ports, DC (-48VDC) power supply.	Each	Metro Ethernet Des	\$1,300.00	36%	\$832.00	N/A	\$118.30	\$120.90	\$122.20	\$126.10	\$832.00	N/A	\$118.30	\$845.00	N/A	\$118.30
MRV Communications, Inc.	OS306-E	4 RJ45 10/100/1000Base-T LAN and 2 100/1000FX WAN SFP ports, with high temperature support (0oC to 65oC).	Each	Metro Ethernet Des	\$1,750.00	36%	\$1,120.00	N/A	\$159.25	\$162.75	\$164.50	\$169.75	\$1,120.00	N/A	\$159.25	\$1,137.50	N/A	\$159.25
MRV Communications, Inc.	OS306-E/DC	4 RJ45 10/100/1000Base-T LAN and 2 100/1000FX WAN SFP ports, with high temperature support (0oC to 65oC).	Each	Metro Ethernet Des	\$1,850.00	36%	\$1,184.00	N/A	\$168.35	\$172.05	\$173.90	\$179.45	\$1,184.00	N/A	\$168.35	\$1,202.50	N/A	\$168.35
MRV Communications, Inc.	OS306-EXT	4 RJ45 10/100/1000Base-T LAN and 2 100/1000FX WAN SFP ports, with extreme temperature support (-40oC to 65oC).	Each	Metro Ethernet Des	\$2,600.00	36%	\$1,664.00	N/A	\$236.60	\$241.80	\$244.40	\$252.20	\$1,664.00	N/A	\$236.60	\$1,690.00	N/A	\$236.60

Area NW Hardware

New York State Office of General Services  
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 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	OS904/AC-1	Intelligent Ethernet Services Demarcation platform - 2 Tri-Mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT and 2 100FX/1000FX SFP Ports, AC (90-240VAC) power supply. 19" rack mount included.	Each	Metro Ethernet Des	\$1,790.00	36%	\$1,145.60	N/A	\$162.89	\$166.47	\$168.26	\$173.63	\$1,145.60	N/A	\$162.89	\$1,163.50	N/A	\$162.89
MRV Communications, Inc.	OS904/DC-1	Intelligent Ethernet Services Demarcation platform - 2 Tri-Mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT and 2 100FX/1000FX SFP Ports, DC (-48VDC) power supply. 19" rack mount included.	Each	Metro Ethernet Des	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	OS906/AC-1	6 Tri-Mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT, AC (90-240VAC) power supply. 19" rack mount included.	Each	Metro Ethernet Des	\$2,450.00	36%	\$1,568.00	N/A	\$222.95	\$227.85	\$230.30	\$237.65	\$1,568.00	N/A	\$222.95	\$1,592.50	N/A	\$222.95
MRV Communications, Inc.	OS906/AC-2	6 Tri-Mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT, dual redundant AC (90-240VAC) power supply. 19" rack mount included.	Each	Metro Ethernet Des	\$2,750.00	36%	\$1,760.00	N/A	\$250.25	\$255.75	\$258.50	\$266.75	\$1,760.00	N/A	\$250.25	\$1,787.50	N/A	\$250.25
MRV Communications, Inc.	OS906/DC-1	6 Tri-Mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT, DC (-48VDC) power supply. 19" rack mount included.	Each	Metro Ethernet Des	\$2,550.00	36%	\$1,632.00	N/A	\$232.05	\$237.15	\$239.70	\$247.35	\$1,632.00	N/A	\$232.05	\$1,657.50	N/A	\$232.05
MRV Communications, Inc.	OS906/DC-2	6 Tri-Mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT, dual redundant DC (-48VDC) power supply. 19" rack mount included.	Each	Metro Ethernet Des	\$2,950.00	36%	\$1,888.00	N/A	\$268.45	\$274.35	\$277.30	\$286.15	\$1,888.00	N/A	\$268.45	\$1,917.50	N/A	\$268.45
MRV Communications, Inc.	OS910-M	Multi Service Modular platform - 6 10/100/1000T ports + 2 Combo GE (RJ45/SFP) + 2 SFP 100FX/1000FX ports with 2 multipurpose slot, hot-swappable dual redundant power supplies (AC/DC should be ordered separately). 19" rack mount included.	Each	Metro Ethernet Des	\$3,200.00	36%	\$2,048.00	N/A	\$291.20	\$297.60	\$300.80	\$310.40	\$2,048.00	N/A	\$291.20	\$2,080.00	N/A	\$291.20
MRV Communications, Inc.	OS910/AC-1	Intelligent Ethernet Services Demarcation platform - 8 RJ45 10/100/1000Base-T and 2 100FX/1000FX SFP ports, AC (90-240VAC) power supply. 19" rack mount included.	Each	Metro Ethernet Des	\$2,750.00	36%	\$1,760.00	N/A	\$250.25	\$255.75	\$258.50	\$266.75	\$1,760.00	N/A	\$250.25	\$1,787.50	N/A	\$250.25
MRV Communications, Inc.	OS910/AC-2	Intelligent Ethernet Services Demarcation platform - 8 RJ45 10/100/1000Base-T and 2 100FX/1000FX SFP ports, Dual redundant AC (90-240VAC) power supply. 19" rack mount included.	Each	Metro Ethernet Des	\$3,100.00	36%	\$1,984.00	N/A	\$282.10	\$288.30	\$291.40	\$300.70	\$1,984.00	N/A	\$282.10	\$2,015.00	N/A	\$282.10
MRV Communications, Inc.	OS910/DC-1	Intelligent Ethernet Services Demarcation platform - 8 RJ45 10/100/1000Base-T and 2 100FX/1000FX SFP ports, (-48VDC) power supply. 19" rack mount included.	Each	Metro Ethernet Des	\$2,850.00	36%	\$1,824.00	N/A	\$259.35	\$265.05	\$267.90	\$276.45	\$1,824.00	N/A	\$259.35	\$1,852.50	N/A	\$259.35

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MRV Communications, Inc.	OS910/DC-2	Intelligent Ethernet Services Demarcation platform - 8 RJ45 10/100/1000Base-T and 2 100FX/1000FX SFP ports, Dual redundant DC (-48VDC) power supply. 19" rack mount included.	Each	Metro Ethernet De	\$3,250.00	36%	\$2,080.00	N/A	\$295.75	\$302.25	\$305.50	\$315.25	\$2,080.00	N/A	\$295.75	\$2,112.50	N/A	\$295.75
MRV Communications, Inc.	OS912-AC-2	Intelligent Ethernet Services Demarcation platform - 12 GigE tri-mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT ports, Dual redundant AC (90-240V) power supply. 19" rack mount included.	Each	Metro Ethernet De	\$4,345.00	36%	\$2,780.80	N/A	\$395.40	\$404.09	\$408.43	\$421.47	\$2,780.80	N/A	\$395.40	\$2,824.25	N/A	\$395.40
MRV Communications, Inc.	OS912-DC-2	Intelligent Ethernet Services Demarcation platform - 12 GigE tri-mode 100FX/1000FX SFP or RJ45 10/100/1000BaseT ports, Dual redundant DC (-48V) power supply. 19" rack mount included.	Each	Metro Ethernet De	\$4,495.00	36%	\$2,876.80	N/A	\$409.05	\$418.04	\$422.53	\$436.02	\$2,876.80	N/A	\$409.05	\$2,921.75	N/A	\$409.05
MRV Communications, Inc.	OS930	10GE service platform - 3 10GE LAN/WAN XFP ports (Power supplies should be ordered separately). 19" rack mount included.	Each	Metro Ethernet De	\$13,995.00	36%	\$8,956.80	N/A	\$1,273.55	\$1,301.54	\$1,315.53	\$1,357.52	\$8,956.80	N/A	\$1,273.55	\$9,096.75	N/A	\$1,273.55
MRV Communications, Inc.	SW-UPG-9XMPLS	Enhanced software upgrade package for OptiSwitch@ 900 series (Master-OS: MPLS VC - LDP, RSVP-TE, CR-LDP, OSPF-TE, CSPF ). To get the SW-UPG-9XMPLS loaded on OS900 models, add an "S" character at the end of the OS900 P/N. Example: OS910/AC-1S.	Each	Metro Ethernet De	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	OCC-A-320-N	OCC Chassis equipped with a 320x320 port matrix, LC connectors, ANSL, and Dual -48V DC Power Supplies.	Each	Optical Cross Con	\$178,279.00	36%	\$114,098.56	N/A	\$16,223.39	\$16,579.95	\$16,758.23	\$17,293.06	\$114,098.56	N/A	\$16,223.39	\$115,881.35	N/A	\$16,223.39
MRV Communications, Inc.	OCC-A-320-P	OCC Chassis, equipped with a 320x320 port matrix, LC connectors, ANSL, Dual -48V DC Power Supplies and input Power Monitoring (OCC-MCPM-2).	Each	Optical Cross Con	\$267,850.00	36%	\$171,424.00	N/A	\$24,374.35	\$24,910.05	\$25,177.90	\$25,981.45	\$171,424.00	N/A	\$24,374.35	\$174,102.50	N/A	\$24,374.35
MRV Communications, Inc.	OCC-ACPS-00	AC to DC converter 85-264VAC input TO 48VDC output, 800Watts.	Each	Optical Cross Con	\$1,884.00	36%	\$1,205.76	N/A	\$171.44	\$175.21	\$177.10	\$182.75	\$1,205.76	N/A	\$171.44	\$1,224.60	N/A	\$171.44
MRV Communications, Inc.	OCC-ACRM-00	Rack mount adapter for OCC-ACPS-00, does not include any converter, holds up to 3 converters.	Each	Optical Cross Con	\$1,892.00	36%	\$1,210.88	N/A	\$172.17	\$175.96	\$177.85	\$183.52	\$1,210.88	N/A	\$172.17	\$1,229.80	N/A	\$172.17
MRV Communications, Inc.	OCC-CPR	Configuration Processor.	Each	Optical Cross Con	\$25,771.00	36%	\$16,493.44	N/A	\$2,345.16	\$2,396.70	\$2,422.47	\$2,499.79	\$16,493.44	N/A	\$2,345.16	\$16,751.15	N/A	\$2,345.16
MRV Communications, Inc.	OCC-E-320-N	OCC Chassis equipped with a 320x320 port matrix, LC connectors, ETSI, and Dual -48V DC Power Supplies.	Each	Optical Cross Con	\$178,279.00	36%	\$114,098.56	N/A	\$16,223.39	\$16,579.95	\$16,758.23	\$17,293.06	\$114,098.56	N/A	\$16,223.39	\$115,881.35	N/A	\$16,223.39
MRV Communications, Inc.	OCC-E-320-P	OCC Chassis, equipped with a 320x320 port matrix, LC connectors, ETSI, Dual -48V DC Power Supplies and input Power Monitoring (OCC-MCPM-2).	Each	Optical Cross Con	\$267,850.00	36%	\$171,424.00	N/A	\$24,374.35	\$24,910.05	\$25,177.90	\$25,981.45	\$171,424.00	N/A	\$24,374.35	\$174,102.50	N/A	\$24,374.35
MRV Communications, Inc.	OCC-SPC8	8 port driver card.	Each	Optical Cross Con	\$2,852.00	36%	\$1,825.28	N/A	\$259.53	\$265.24	\$268.09	\$276.64	\$1,825.28	N/A	\$259.53	\$1,853.80	N/A	\$259.53

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MRV Communications, Inc.	EM2003-1GE/CO/T	Single port Gigabit Over Copper 1000Base-TX Uplink for the OptiSwitch Family (100 meter, RJ45)	Each	OptiSwitch	\$650.00	36%	\$416.00	N/A	\$59.15	\$60.45	\$61.10	\$63.05	\$416.00	N/A	\$59.15	\$422.50	N/A	\$59.15
MRV Communications, Inc.	EM2003-2F/M	Dual port 100Base-FX Uplink for the OptiSwitch Family (MM, 1310nm, 0-2km, DSC)	Each	OptiSwitch	\$595.00	36%	\$380.80	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$380.80	N/A	\$54.15	\$386.75	N/A	\$54.15
MRV Communications, Inc.	EM2003-2F/S1	Dual port 100Base-FX Uplink for the OptiSwitch Family (SM, 1310nm, 0-25km, DSC)	Each	OptiSwitch	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	EM2003-2F/S2	Dual port 100Base-FX Uplink for the OptiSwitch Family (SM, 1310nm, 25-50km, DSC)	Each	OptiSwitch	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM2003-2F/S3	Dual port 100Base-FX Uplink for the OptiSwitch Family (SM, 1550nm, 50-100km, DSC)	Each	OptiSwitch	\$3,095.00	36%	\$1,980.80	N/A	\$281.65	\$287.84	\$290.93	\$300.22	\$1,980.80	N/A	\$281.65	\$2,011.75	N/A	\$281.65
MRV Communications, Inc.	EM2003-4FL	4 port 100Base-FL Uplink for the OptiSwitch Family (MM, 850nm, 0-2km, ST)	Each	OptiSwitch	\$945.00	36%	\$604.80	N/A	\$86.00	\$87.89	\$88.83	\$91.67	\$604.80	N/A	\$86.00	\$614.25	N/A	\$86.00
MRV Communications, Inc.	EM2003-4FO/M	4 port 100Base-FX Uplink for the OptiSwitch Family (MM, 1310nm, 0-2km, DSC)	Each	OptiSwitch	\$1,075.00	36%	\$688.00	N/A	\$97.83	\$99.98	\$101.05	\$104.28	\$688.00	N/A	\$97.83	\$698.75	N/A	\$97.83
MRV Communications, Inc.	EM2003-4FO/S1	4 port 100Base-FX Uplink for the OptiSwitch Family (SM, 1310nm, 0-25km, DSC)	Each	OptiSwitch	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM2003-4FO/S2	4 port 100Base-FX Uplink for the OptiSwitch Family (SM, 1310nm, 25-50km, DSC)	Each	OptiSwitch	\$2,015.00	36%	\$1,289.60	N/A	\$183.37	\$187.40	\$189.41	\$195.46	\$1,289.60	N/A	\$183.37	\$1,309.75	N/A	\$183.37
MRV Communications, Inc.	EM2003-4FO/S3	4 port 100Base-FX Uplink for the OptiSwitch Family (SM, 1550nm, 50-100km, DSC)	Each	OptiSwitch	\$4,540.00	36%	\$2,905.60	N/A	\$413.14	\$422.22	\$426.76	\$440.38	\$2,905.60	N/A	\$413.14	\$2,951.00	N/A	\$413.14
MRV Communications, Inc.	EM2003-4T	4-port 10/100Base-TX Uplink for the OptiSwitch Family (RJ45)	Each	OptiSwitch	\$350.00	36%	\$224.00	N/A	\$31.85	\$32.55	\$32.90	\$33.95	\$224.00	N/A	\$31.85	\$227.50	N/A	\$31.85
MRV Communications, Inc.	EM2003-4T+2F/M	4-port 10/100Base-TX (RJ45) and dual port 100Base-FX Uplink for the OptiSwitch Family (MM, 1310nm, 0-2km, DSC)	Each	OptiSwitch	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	EM2003-4T+2F/S1	4-port 10/100Base-TX (RJ45) and dual port 100Base-FX Uplink for the OptiSwitch Family (SM, 1310nm, 0-25km, DSC)	Each	OptiSwitch	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM2003-4T+2F/S2	4-port 10/100Base-TX (RJ45) and dual port 100Base-FX Uplink for the OptiSwitch Family (SM, 1310nm, 25-50km, DSC)	Each	OptiSwitch	\$1,700.00	36%	\$1,088.00	N/A	\$154.70	\$158.10	\$159.80	\$164.90	\$1,088.00	N/A	\$154.70	\$1,105.00	N/A	\$154.70
MRV Communications, Inc.	EM2003-4T+2F/S3	4-port 10/100Base-TX (RJ45) and dual port 100Base-FX Uplink for the OptiSwitch Family (SM, 1550nm, 50-100km, DSC)	Each	OptiSwitch	\$3,225.00	36%	\$2,064.00	N/A	\$293.48	\$299.93	\$303.15	\$312.83	\$2,064.00	N/A	\$293.48	\$2,096.25	N/A	\$293.48
MRV Communications, Inc.	EM2003-4T+F/M	4-port 10/100Base-TX (RJ45) and single port 100Base-FX Uplink for the OptiSwitch Family (MM, 1310nm, 0-2km, DSC)	Each	OptiSwitch	\$695.00	36%	\$444.80	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$444.80	N/A	\$63.25	\$451.75	N/A	\$63.25
MRV Communications, Inc.	EM2003-4T+F/S1	4-port 10/100Base-TX (RJ45) and single port 100Base-FX Uplink for the OptiSwitch Family (SM, 1310nm, 0-25km, DSC)	Each	OptiSwitch	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM2003-4T+F/S2	4-port 10/100Base-TX (RJ45) and single port 100Base-FX Uplink for the OptiSwitch Family (SM, 1310nm, 25-50km, DSC)	Each	OptiSwitch	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	EM2003-4T+F/S3	4-port 10/100Base-TX (RJ45) and single port 100Base-FX Uplink for the OptiSwitch Family (SM, 1550nm, 50-100km, DSC)	Each	OptiSwitch	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	EM2003-8LC/S1	8 port 100Base-FX Uplink for the OptiSwitch Family (SM, 1310nm, 0-20km, LC)	Each	OptiSwitch	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	EM2003-8MT/M	8 port 100Base-FX Uplink for the OptiSwitch Family (MM, 1310nm, 0-2km, MT-RJ)	Each	OptiSwitch	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM2003-8TP	8-port 10/100Base-TX Uplink for the OptiSwitch Family (RJ45)	Each	OptiSwitch	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	EM2003-BLANK	OptiSwitch Module Blank panel	Each	OptiSwitch	\$10.00	36%	\$6.40	N/A	\$0.91	\$0.93	\$0.94	\$0.97	\$6.40	N/A	\$0.91	\$6.50	N/A	\$0.91
MRV Communications, Inc.	EM2004-1GE/CO/T	Single port Gigabit Over Copper 10/100/1000Base-T Uplink with QoS support for the OptiSwitch Family (100 meter, RJ45)	Each	OptiSwitch	\$1,115.00	36%	\$713.60	N/A	\$101.47	\$103.70	\$104.81	\$108.16	\$713.60	N/A	\$101.47	\$724.75	N/A	\$101.47
MRV Communications, Inc.	EM2004-1GE/LXS1	Single port Gigabit 1000Base-LX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 0-10km, DSC)	Each	OptiSwitch	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM2004-1GE/LXS2	Single port Gigabit 1000Base-LX Uplink with QoS support for the OptiSwitch Family (SM, 1550nm, 0-32km, DSC)	Each	OptiSwitch	\$3,500.00	36%	\$2,240.00	N/A	\$318.50	\$325.50	\$329.00	\$339.50	\$2,240.00	N/A	\$318.50	\$2,275.00	N/A	\$318.50
MRV Communications, Inc.	EM2004-1GE/LXS3	Single port Gigabit 1000Base-LX Uplink with QoS support for the OptiSwitch Family (SM, 1550nm, 30-60km, DSC)	Each	OptiSwitch	\$5,505.00	36%	\$3,523.20	N/A	\$500.96	\$511.97	\$517.47	\$533.99	\$3,523.20	N/A	\$500.96	\$3,578.25	N/A	\$500.96
MRV Communications, Inc.	EM2004-1GE/LXS5	Single port Gigabit 1000Base-LX Uplink with QoS support for the OptiSwitch Family (SM, 1550nm, 30-100km, DSC)	Each	OptiSwitch	\$8,700.00	36%	\$5,568.00	N/A	\$791.70	\$809.10	\$817.80	\$843.90	\$5,568.00	N/A	\$791.70	\$5,655.00	N/A	\$791.70
MRV Communications, Inc.	EM2004-1GE/P	Single port Gigabit 1000Base Uplink with QoS support for the OptiSwitch Family with GBIC/SFP interface (see section Pluggables)	Each	OptiSwitch	\$2,900.00	36%	\$1,856.00	N/A	\$263.90	\$269.70	\$272.60	\$281.30	\$1,856.00	N/A	\$263.90	\$1,885.00	N/A	\$263.90
MRV Communications, Inc.	EM2004-1GE/SFP	Single port Gigabit 1000Base Uplink with QoS support for the OptiSwitch Family with SFP interface (see section Pluggables)	Each	OptiSwitch	\$1,595.00	36%	\$1,020.80	N/A	\$145.15	\$148.34	\$149.93	\$154.72	\$1,020.80	N/A	\$145.15	\$1,036.75	N/A	\$145.15
MRV Communications, Inc.	EM2004-1GE/SX/M	Single port Gigabit 1000Base-SX Uplink with QoS support for the OptiSwitch Family (MM, 850nm, 0-350m, DSC)	Each	OptiSwitch	\$1,125.00	36%	\$720.00	N/A	\$102.38	\$104.63	\$105.75	\$109.13	\$720.00	N/A	\$102.38	\$731.25	N/A	\$102.38
MRV Communications, Inc.	EM2004-2F/M	Dual port 100Base-FX Uplink with QoS support for the OptiSwitch Family (MM, 1310nm, 0-2km, DSC)	Each	OptiSwitch	\$1,250.00	36%	\$800.00	N/A	\$113.75	\$116.25	\$117.50	\$121.25	\$800.00	N/A	\$113.75	\$812.50	N/A	\$113.75
MRV Communications, Inc.	EM2004-2F/S1	Dual port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 0-25km, DSC)	Each	OptiSwitch	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05

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MRV Communications, Inc.	EM2004-2F/S2	Dual port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 25-50km, DSC)	Each	OptiSwitch	\$2,205.00	36%	\$1,411.20	N/A	\$200.66	\$205.07	\$207.27	\$213.89	\$1,411.20	N/A	\$200.66	\$1,433.25	N/A	\$200.66
MRV Communications, Inc.	EM2004-2F/S3	Dual port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1550nm, 50-100km, DSC)	Each	OptiSwitch	\$5,705.00	36%	\$3,651.20	N/A	\$519.16	\$530.57	\$536.27	\$553.39	\$3,651.20	N/A	\$519.16	\$3,708.25	N/A	\$519.16
MRV Communications, Inc.	EM2004-4LC/S1	4 port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 0-20km, LC)	Each	OptiSwitch	\$3,295.00	36%	\$2,108.80	N/A	\$299.85	\$306.44	\$309.73	\$319.62	\$2,108.80	N/A	\$299.85	\$2,141.75	N/A	\$299.85
MRV Communications, Inc.	EM2004-4LC/S2	4 port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 0-40km, LC)	Each	OptiSwitch	\$5,775.00	36%	\$3,696.00	N/A	\$525.53	\$537.08	\$542.85	\$560.18	\$3,696.00	N/A	\$525.53	\$3,753.75	N/A	\$525.53
MRV Communications, Inc.	EM2004-4MT/M	4 port 100Base-FX Uplink with QoS support for the OptiSwitch Family (MM, 1310nm, 0-2km, MT-RJ)	Each	OptiSwitch	\$1,650.00	36%	\$1,056.00	N/A	\$150.15	\$153.45	\$155.10	\$160.05	\$1,056.00	N/A	\$150.15	\$1,072.50	N/A	\$150.15
MRV Communications, Inc.	EM2004-4SF3S1	4-port 100BaseFX single fiber Uplink for the OptiSwitch Family (SM; Tx:1310nm Rx:1550nm; 0-20km; SC). Operates with EM2004-4SF5S1 and EM2004-4T+SF5S1	Each	OptiSwitch	\$4,095.00	36%	\$2,620.80	N/A	\$372.65	\$380.84	\$384.93	\$397.22	\$2,620.80	N/A	\$372.65	\$2,661.75	N/A	\$372.65
MRV Communications, Inc.	EM2004-4SF5S1	4-port 100BaseFX single fiber Uplink for the OptiSwitch Family (SM; Tx:1550nm Rx:1310nm; 0-20km; SC). Operates with EM2004-4SF3S1 and EM2004-4T+SF3S1	Each	OptiSwitch	\$4,195.00	36%	\$2,684.80	N/A	\$381.75	\$390.14	\$394.33	\$406.92	\$2,684.80	N/A	\$381.75	\$2,726.75	N/A	\$381.75
MRV Communications, Inc.	EM2004-4T	4-port 10/100Base-TX Uplink with QoS support for the OptiSwitch Family (RJ45)	Each	OptiSwitch	\$550.00	36%	\$352.00	N/A	\$50.05	\$51.15	\$51.70	\$53.35	\$352.00	N/A	\$50.05	\$357.50	N/A	\$50.05
MRV Communications, Inc.	EM2004-4T+2F/M	4-port 10/100Base-TX (RJ45) and dual port 100Base-FX Uplink with QoS support for the OptiSwitch Family (MM, 1310nm, 0-2km, DSC)	Each	OptiSwitch	\$1,590.00	36%	\$1,017.60	N/A	\$144.69	\$147.87	\$149.46	\$154.23	\$1,017.60	N/A	\$144.69	\$1,033.50	N/A	\$144.69
MRV Communications, Inc.	EM2004-4T+2F/S1	4-port 10/100Base-TX (RJ45) and dual port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 0-25km, DSC)	Each	OptiSwitch	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	EM2004-4T+2F/S2	4-port 10/100Base-TX (RJ45) and dual port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 25-50km, DSC)	Each	OptiSwitch	\$2,535.00	36%	\$1,622.40	N/A	\$230.69	\$235.76	\$238.29	\$245.90	\$1,622.40	N/A	\$230.69	\$1,647.75	N/A	\$230.69
MRV Communications, Inc.	EM2004-4T+2F/S3	4-port 10/100Base-TX (RJ45) and dual port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1550nm, 50-100km, DSC)	Each	OptiSwitch	\$6,825.00	36%	\$4,368.00	N/A	\$621.08	\$634.73	\$641.55	\$662.03	\$4,368.00	N/A	\$621.08	\$4,436.25	N/A	\$621.08
MRV Communications, Inc.	EM2004-4T+F/M	4-port 10/100Base-TX (RJ45) and single port 100Base-FX Uplink with QoS support for the OptiSwitch Family (MM, 1310nm, 0-2km, DSC)	Each	OptiSwitch	\$1,050.00	36%	\$672.00	N/A	\$95.55	\$97.65	\$98.70	\$101.85	\$672.00	N/A	\$95.55	\$682.50	N/A	\$95.55

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MRV Communications, Inc.	EM2004-4T+F/S1	4-port 10/100Base-TX (RJ45) and single port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 0-25km, DSC)	Each	OptiSwitch	\$1,195.00	36%	\$764.80	N/A	\$108.75	\$111.14	\$112.33	\$115.92	\$764.80	N/A	\$108.75	\$776.75	N/A	\$108.75
MRV Communications, Inc.	EM2004-4T+F/S2	4-port 10/100Base-TX (RJ45) and single port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 25-50km, DSC)	Each	OptiSwitch	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	EM2004-4T+F/S3	4-port 10/100Base-TX (RJ45) and single port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1550nm, 50-100km, DSC)	Each	OptiSwitch	\$3,435.00	36%	\$2,198.40	N/A	\$312.59	\$319.46	\$322.89	\$333.20	\$2,198.40	N/A	\$312.59	\$2,232.75	N/A	\$312.59
MRV Communications, Inc.	EM2004-4T+SF3S1	4-port 10/100Base-TX (RJ45) and 100BaseFX single fiber Uplink for the OptiSwitch Family (SM; Tx:1310nm Rx:1550nm; 0-20km; SC)	Each	OptiSwitch	\$1,575.00	36%	\$1,008.00	N/A	\$143.33	\$146.48	\$148.05	\$152.78	\$1,008.00	N/A	\$143.33	\$1,023.75	N/A	\$143.33
MRV Communications, Inc.	EM2004-4T+SF3S2	4-port 10/100Base-TX (RJ45) and 100BaseFX single fiber Uplink for the OptiSwitch Family (SM; Tx:1310nm Rx:1550nm; 20-40km; SC)	Each	OptiSwitch	\$2,050.00	36%	\$1,312.00	N/A	\$186.55	\$190.65	\$192.70	\$198.85	\$1,312.00	N/A	\$186.55	\$1,332.50	N/A	\$186.55
MRV Communications, Inc.	EM2004-4T+SF5S1	4-port 10/100Base-TX (RJ45) and 100BaseFX single fiber Uplink for the OptiSwitch Family (SM; Tx:1550nm Rx:1310nm; 0-20km; SC)	Each	OptiSwitch	\$1,600.00	36%	\$1,024.00	N/A	\$145.60	\$148.80	\$150.40	\$155.20	\$1,024.00	N/A	\$145.60	\$1,040.00	N/A	\$145.60
MRV Communications, Inc.	EM2004-4T+SF5S2	4-port 10/100Base-TX (RJ45) and 100BaseFX single fiber Uplink for the OptiSwitch Family (SM; Tx:1550nm Rx:1310nm; 20-40km; SC)	Each	OptiSwitch	\$2,175.00	36%	\$1,392.00	N/A	\$197.93	\$202.28	\$204.45	\$210.98	\$1,392.00	N/A	\$197.93	\$1,413.75	N/A	\$197.93
MRV Communications, Inc.	EM2004-8LC/S1	8 port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 0-20km, LC)	Each	OptiSwitch	\$4,495.00	36%	\$2,876.80	N/A	\$409.05	\$418.04	\$422.53	\$436.02	\$2,876.80	N/A	\$409.05	\$2,921.75	N/A	\$409.05
MRV Communications, Inc.	EM2004-8LC/S2	8 port 100Base-FX Uplink with QoS support for the OptiSwitch Family (SM, 1310nm, 0-40km, LC)	Each	OptiSwitch	\$7,875.00	36%	\$5,040.00	N/A	\$716.63	\$732.38	\$740.25	\$763.88	\$5,040.00	N/A	\$716.63	\$5,118.75	N/A	\$716.63
MRV Communications, Inc.	EM2004-8MT/M	8 port 100Base-FX Uplink with QoS support for the OptiSwitch Family (MM, 1310nm, 0-2km, MT-RJ)	Each	OptiSwitch	\$2,245.00	36%	\$1,436.80	N/A	\$204.30	\$208.79	\$211.03	\$217.77	\$1,436.80	N/A	\$204.30	\$1,459.25	N/A	\$204.30
MRV Communications, Inc.	EM2004-8SF3S1	8-port 100BaseFX single fiber Uplink for the OptiSwitch Family (SM; Tx:1310nm Rx:1550nm; 0-20km; SC). Operates with EM2004-4SF5S1, EM2004-8SF5S1, EM2004-4T+SF5S1 and other xxSF5 products	Each	OptiSwitch	\$6,695.00	36%	\$4,284.80	N/A	\$609.25	\$622.64	\$629.33	\$649.42	\$4,284.80	N/A	\$609.25	\$4,351.75	N/A	\$609.25
MRV Communications, Inc.	EM2004-8SF5S1	8-port 100BaseFX single fiber Uplink for the OptiSwitch Family (SM; Tx:1550nm Rx:1310nm; 0-20km; SC). Operates with EM2004-4SF3S1, EM2004-8SF3S1, EM2004-4T+SF3S1 and other xxSF5 products	Each	OptiSwitch	\$6,795.00	36%	\$4,348.80	N/A	\$618.35	\$631.94	\$638.73	\$659.12	\$4,348.80	N/A	\$618.35	\$4,416.75	N/A	\$618.35

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MRV Communications, Inc.	EM2004-8TP	8-port 10/100Base-TX Uplink with QoS support for the OptiSwitch Family (RJ45)	Each	OptiSwitch	\$695.00	36%	\$444.80	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$444.80	N/A	\$63.25	\$451.75	N/A	\$63.25
MRV Communications, Inc.	EM2005-BLANK	Power Supply blank panel	Each	OptiSwitch	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	EM2005-PS/AC	AC power supply for the OptiSwitch, OptiSwitch Master and LambdaDriver Families (OS800F, OS800T, OS1200, OS1200T, OS2400, OSM800, LD1600) - (90-240V AC)	Each	OptiSwitch	\$595.00	36%	\$380.80	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$380.80	N/A	\$54.15	\$386.75	N/A	\$54.15
MRV Communications, Inc.	EM2005-PS/DC	DC power supply for the OptiSwitch, OptiSwitch Master and LambdaDriver Families (OS800F, OS800T, OS1200, OS1200T, OS2400, OSM800, LD1600) - (48V DC)	Each	OptiSwitch	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	EM2005-PS/DC110	DC power supply for the OptiSwitch and OptiSwitch Master Families (OS800F, OS800T, OS1200, OS1200T, OS2400, OSM800) - (110V DC)	Each	OptiSwitch	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	EM2005-PS/DC24	DC power supply for the OptiSwitch, OptiSwitch Master and LambdaDriver Families (OS800F, OS800T, OS1200, OS1200T, OS2400, OSM800, LD1600) - (24V DC)	Each	OptiSwitch	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	EM2400-IO-BLANK	I/O Blank panel for the OptiSwitch-2400	Each	OptiSwitch	\$0.01	36%	\$0.01	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.01	N/A	\$0.00	\$0.01	N/A	\$0.00
MRV Communications, Inc.	EM3003-BR	19" Mounting Bracket for the OptiSwitch-200	Each	OptiSwitch	\$25.00	36%	\$16.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$16.00	N/A	\$2.28	\$16.25	N/A	\$2.28
MRV Communications, Inc.	EM3003-BR-2	23" mounting brackets for the OS200 chassis	Each	OptiSwitch	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	EM3003-WBR	Wall Mounting Bracket for the OS200, OSM105 and MC102	Each	OptiSwitch	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	EM3004-BR-2	23" mounting brackets for the OS400 chassis	Each	OptiSwitch	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	EM3004-FG	Fiber guard tray for OS400	Each	OptiSwitch	\$160.00	36%	\$102.40	N/A	\$14.56	\$14.88	\$15.04	\$15.52	\$102.40	N/A	\$14.56	\$104.00	N/A	\$14.56
MRV Communications, Inc.	EM3004-PS/1AC	Single External Redundant power supply for the OptiSwitch-400 (90-240V AC)	Each	OptiSwitch	\$915.00	36%	\$585.60	N/A	\$83.27	\$85.10	\$86.01	\$88.76	\$585.60	N/A	\$83.27	\$594.75	N/A	\$83.27
MRV Communications, Inc.	EM3004-PS/1DC	Single External Redundant power supply for the OptiSwitch-400 (-48V DC)	Each	OptiSwitch	\$1,115.00	36%	\$713.60	N/A	\$101.47	\$103.70	\$104.81	\$108.16	\$713.60	N/A	\$101.47	\$724.75	N/A	\$101.47
MRV Communications, Inc.	EM3004-PS/2AC	Dual External Redundant power supplies for the OptiSwitch-400 (90-240V AC)	Each	OptiSwitch	\$1,345.00	36%	\$860.80	N/A	\$122.40	\$125.09	\$126.43	\$130.47	\$860.80	N/A	\$122.40	\$874.25	N/A	\$122.40
MRV Communications, Inc.	EM3004-PS/2DC	Dual External Redundant power supplies for the OptiSwitch-400 (-48V DC)	Each	OptiSwitch	\$1,545.00	36%	\$988.80	N/A	\$140.60	\$143.69	\$145.23	\$149.87	\$988.80	N/A	\$140.60	\$1,004.25	N/A	\$140.60
MRV Communications, Inc.	EM3004-PS/3AC	Triple External Redundant power supplies for the OptiSwitch-400 (90-240V AC)	Each	OptiSwitch	\$1,775.00	36%	\$1,136.00	N/A	\$161.53	\$165.08	\$166.85	\$172.18	\$1,136.00	N/A	\$161.53	\$1,153.75	N/A	\$161.53
MRV Communications, Inc.	EM3004-PS/3DC	Triple External Redundant power supplies for the OptiSwitch-400 (-48V DC)	Each	OptiSwitch	\$1,975.00	36%	\$1,264.00	N/A	\$179.73	\$183.68	\$185.65	\$191.58	\$1,264.00	N/A	\$179.73	\$1,283.75	N/A	\$179.73
MRV Communications, Inc.	EN-C54	Compact Cabinet	Each	OptiSwitch	\$1,600.00	36%	\$1,024.00	N/A	\$145.60	\$148.80	\$150.40	\$155.20	\$1,024.00	N/A	\$145.60	\$1,040.00	N/A	\$145.60
MRV Communications, Inc.	EN-C64	Compact Cabinet for OS200 Chassis IP55.	Each	OptiSwitch	\$1,850.00	36%	\$1,184.00	N/A	\$168.35	\$172.05	\$173.90	\$179.45	\$1,184.00	N/A	\$168.35	\$1,202.50	N/A	\$168.35

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EN-C64X	Compact Cabinet extreme conditions for OS200 Chassis IP55	Each	OptiSwitch	\$2,350.00	36%	\$1,504.00	N/A	\$213.85	\$218.55	\$220.90	\$227.95	\$1,504.00	N/A	\$213.85	\$1,527.50	N/A	\$213.85
MRV Communications, Inc.	EN-FG840L	Large Cabinet up to 4U 19" equipment hold IP55	Each	OptiSwitch	\$3,025.00	36%	\$1,936.00	N/A	\$275.28	\$281.33	\$284.35	\$293.43	\$1,936.00	N/A	\$275.28	\$1,966.25	N/A	\$275.28
MRV Communications, Inc.	EN-FG840LP	Pedestal for large cabinet EN-FG840LXX for sidewalk street installations Pedestal with front door and shelf for UPS installation	Each	OptiSwitch	\$455.00	36%	\$291.20	N/A	\$41.41	\$42.32	\$42.77	\$44.14	\$291.20	N/A	\$41.41	\$295.75	N/A	\$41.41
MRV Communications, Inc.	EN-FG840LSP	Pedestal for large cabinet EN-FG840LXX for sidewalk street installations. Pedestal with front door and shelf for UPS installation	Each	OptiSwitch	\$825.00	36%	\$528.00	N/A	\$75.08	\$76.73	\$77.55	\$80.03	\$528.00	N/A	\$75.08	\$536.25	N/A	\$75.08
MRV Communications, Inc.	EN-FG840LT	Large Cabinet for MRV Telco chassis up to 12U 19" equipment hold IP55	Each	OptiSwitch	\$2,750.00	36%	\$1,760.00	N/A	\$250.25	\$255.75	\$258.50	\$266.75	\$1,760.00	N/A	\$250.25	\$1,787.50	N/A	\$250.25
MRV Communications, Inc.	EN-FG840LTX	Large Cabinet or MRV Telco chassis up to 12U 19" equipment hold extreme conditions IP55	Each	OptiSwitch	\$3,650.00	36%	\$2,336.00	N/A	\$332.15	\$339.45	\$343.10	\$354.05	\$2,336.00	N/A	\$332.15	\$2,372.50	N/A	\$332.15
MRV Communications, Inc.	EN-FG840LX	Large Cabinet up to 4U 19" equipment hold extreme conditions IP5	Each	OptiSwitch	\$3,995.00	36%	\$2,556.80	N/A	\$363.55	\$371.54	\$375.53	\$387.52	\$2,556.80	N/A	\$363.55	\$2,596.75	N/A	\$363.55
MRV Communications, Inc.	NH1200T	OptiSwitch-1200 Telco Chassis, 12 I/O Slot 10/100/1000 Chassis with Management Card, 240mm deep, front loading power supplies	Each	OptiSwitch	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	NH3003/AC	OptiSwitch-200, 2-slot 10/100/1000 Chassis with AC power supply - (90-240V AC), 19" Mounting Brackets should be ordered separately	Each	OptiSwitch	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	NH3003/DC	OptiSwitch-200, 2-slot 10/100/1000 Chassis with DC power supply - (48V DC), 19" Mounting Brackets should be ordered separately	Each	OptiSwitch	\$1,195.00	36%	\$764.80	N/A	\$108.75	\$111.14	\$112.33	\$115.92	\$764.80	N/A	\$108.75	\$776.75	N/A	\$108.75
MRV Communications, Inc.	NH3003/DC-24V	OptiSwitch-200, 2-slot 10/100/1000 Chassis with DC power supply - (24V DC), 19" Mounting Brackets should be ordered separately	Each	OptiSwitch	\$1,245.00	36%	\$796.80	N/A	\$113.30	\$115.79	\$117.03	\$120.77	\$796.80	N/A	\$113.30	\$809.25	N/A	\$113.30
MRV Communications, Inc.	NH3004-EXT	OptiSwitch-400, 4-slot 10/100/1000 Chassis with AC power supply with extreme temperature support (-25C to 60C)	Each	OptiSwitch	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	NH3004-EXT/110	OptiSwitch-400, 4-slot 10/100/1000 Chassis with 110VAC power supply with extreme temperature support (-25C to 60C)	Each	OptiSwitch	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	NH3004-EXT/DC	OptiSwitch-400, 4-slot 10/100/1000 Chassis with -48VDC power supply with extreme temperature support (-25C to 60C)	Each	OptiSwitch	\$2,095.00	36%	\$1,340.80	N/A	\$190.65	\$194.84	\$196.93	\$203.22	\$1,340.80	N/A	\$190.65	\$1,361.75	N/A	\$190.65

Area NW Hardware

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 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	NH3004/AC	OptiSwitch-400, 4-slot 10/100/1000 Chassis with AC power supply - (90-240V AC)	Each	OptiSwitch	\$1,195.00	36%	\$764.80	N/A	\$108.75	\$111.14	\$112.33	\$115.92	\$764.80	N/A	\$108.75	\$776.75	N/A	\$108.75
MRV Communications, Inc.	NH3004/DC	OptiSwitch-400, 4-slot 10/100/1000 Chassis with DC power supply - (48V DC)	Each	OptiSwitch	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	NH3004H/AC	OptiSwitch-400, Hot Swap 4-slot 10/100/1000 Chassis with AC power supply - (90-240V AC)	Each	OptiSwitch	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	NH3004H/DC	OptiSwitch-400, Hot Swap 4-slot 10/100/1000 Chassis with DC power supply - (48V DC)	Each	OptiSwitch	\$1,595.00	36%	\$1,020.80	N/A	\$145.15	\$148.34	\$149.93	\$154.72	\$1,020.80	N/A	\$145.15	\$1,036.75	N/A	\$145.15
MRV Communications, Inc.	NH3004HR/AC	OptiSwitch-400R, Hot Swap 4-slot 10/100/1000 Chassis with AC power supply (90-240V AC) plus an option for an external redundant power supply	Each	OptiSwitch	\$1,595.00	36%	\$1,020.80	N/A	\$145.15	\$148.34	\$149.93	\$154.72	\$1,020.80	N/A	\$145.15	\$1,036.75	N/A	\$145.15
MRV Communications, Inc.	NH3004HR/DC	OptiSwitch-400R, Hot Swap 4-slot 10/100/1000 Chassis with DC power supply (48V DC) plus an option for an external redundant power supply	Each	OptiSwitch	\$1,795.00	36%	\$1,148.80	N/A	\$163.35	\$166.94	\$168.73	\$174.12	\$1,148.80	N/A	\$163.35	\$1,166.75	N/A	\$163.35
MRV Communications, Inc.	NH3004R/AC	OptiSwitch-400R, 4-slot 10/100/1000 Chassis with AC power supply (90-240V AC) plus an option for an external redundant power supply	Each	OptiSwitch	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	NH3004R/DC	OptiSwitch-400R, 4-slot 10/100/1000 Chassis with DC power supply (48V DC) plus an option for an external redundant power supply	Each	OptiSwitch	\$1,595.00	36%	\$1,020.80	N/A	\$145.15	\$148.34	\$149.93	\$154.72	\$1,020.80	N/A	\$145.15	\$1,036.75	N/A	\$145.15
MRV Communications, Inc.	OS200-B1	OptiSwitch 200 bundle, consists of OS200 chassis + EM2004-1GE/CO/T + EM2004-1GE/SFP QoS modules.	Each	OptiSwitch	\$2,500.00	36%	\$1,600.00	N/A	\$227.50	\$232.50	\$235.00	\$242.50	\$1,600.00	N/A	\$227.50	\$1,625.00	N/A	\$227.50
MRV Communications, Inc.	OS200-B2	OptiSwitch 200 bundle, consists of OS200 chassis + EM2004-GER/LXS1 + EM2004-1GE/CO/T QoS modules	Each	OptiSwitch	\$3,200.00	36%	\$2,048.00	N/A	\$291.20	\$297.60	\$300.80	\$310.40	\$2,048.00	N/A	\$291.20	\$2,080.00	N/A	\$291.20
MRV Communications, Inc.	OS200-B3	OptiSwitch 200 bundle, consists of OS200 chassis + EM2004-1GE/SFP + EM2004-8TP QoS modules	Each	OptiSwitch	\$2,200.00	36%	\$1,408.00	N/A	\$200.20	\$204.60	\$206.80	\$213.40	\$1,408.00	N/A	\$200.20	\$1,430.00	N/A	\$200.20
MRV Communications, Inc.	OS200-B4	OptiSwitch 200 bundle, consists of OS200 chassis + EM2004-4T+F/S1 QoS module	Each	OptiSwitch	\$1,695.00	36%	\$1,084.80	N/A	\$154.25	\$157.64	\$159.33	\$164.42	\$1,084.80	N/A	\$154.25	\$1,101.75	N/A	\$154.25
MRV Communications, Inc.	OS200-B5	OptiSwitch 200 bundle, consists of OS200 chassis + EM2004-4T+2F/S1 QoS module	Each	OptiSwitch	\$1,950.00	36%	\$1,248.00	N/A	\$177.45	\$181.35	\$183.30	\$189.15	\$1,248.00	N/A	\$177.45	\$1,267.50	N/A	\$177.45
MRV Communications, Inc.	OS200-B6	OptiSwitch 200 bundle, consists of OS200 chassis + EM2004-8LC/S1 + EM2004-1GE/SFP QoS modules	Each	OptiSwitch	\$4,750.00	36%	\$3,040.00	N/A	\$432.25	\$441.75	\$446.50	\$460.75	\$3,040.00	N/A	\$432.25	\$3,087.50	N/A	\$432.25
MRV Communications, Inc.	EM9-CES-OC3	1-port OC-3-STM-1 - 1:1 protected - Circuit Emulation Service aggregation module.	Each	OptiSwitch 9000	\$17,500.00	36%	\$11,200.00	N/A	\$1,592.50	\$1,627.50	\$1,645.00	\$1,697.50	\$11,200.00	N/A	\$1,592.50	\$11,375.00	N/A	\$1,592.50
MRV Communications, Inc.	EM9005-Blank	Blank panel for Power Supply.	Each	OptiSwitch 9000	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73

Area NW Hardware

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 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price  
 > NYS OGS: PT61515

Used to determine Reasonableness of Price  
 > MHEC: MC10-F05

Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM9005-BR-2-A	23" mounting brackets for the OS9024M-210Gx, OS9024-M and OS9012-M models.	Each	OptiSwitch 9000	\$60.00	36%	\$38.40	N/A	\$5.46	\$5.58	\$5.64	\$5.82	\$38.40	N/A	\$5.46	\$39.00	N/A	\$5.46
MRV Communications, Inc.	EM9005-BR-2-B	23" mounting brackets for the OS9024-4c, OS9024FX-4Gc, OS9052, OS9012M-10G-APS and OS9012c-10Gx models.	Each	OptiSwitch 9000	\$60.00	36%	\$38.40	N/A	\$5.46	\$5.58	\$5.64	\$5.82	\$38.40	N/A	\$5.46	\$39.00	N/A	\$5.46
MRV Communications, Inc.	EM9005-BR-2-C	23" mounting bracket for OS9124-410G model.	Each	OptiSwitch 9000	\$60.00	36%	\$38.40	N/A	\$5.46	\$5.58	\$5.64	\$5.82	\$38.40	N/A	\$5.46	\$39.00	N/A	\$5.46
MRV Communications, Inc.	EM9005-PS/AC	AC power supply for the OptiSwitch® 9000 Series (90-240V AC)	Each	OptiSwitch 9000	\$595.00	36%	\$380.80	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$380.80	N/A	\$54.15	\$386.75	N/A	\$54.15
MRV Communications, Inc.	EM9005-PS/DC	DC power supply for the OptiSwitch® 9000 Series (-48V DC)	Each	OptiSwitch 9000	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	MS9000-Blank	Blank panel for multi-service slot	Each	OptiSwitch 9000	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	MS9000-FG	Fiber guard tray for OS9000 (OS9024-4c, OS9024FX-4Gc, OS9012M-10G-APS and OS9012c-10Gx models).	Each	OptiSwitch 9000	\$160.00	36%	\$102.40	N/A	\$14.56	\$14.88	\$15.04	\$15.52	\$102.40	N/A	\$14.56	\$104.00	N/A	\$14.56
MRV Communications, Inc.	O9-Mux/Demux8	8 wavelengths CWDM Multiplexer/Demultiplexer module for OS9000	Each	OptiSwitch 9000	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	O9-Mux/Demux8DB	8 wavelengths DWDM Multiplexer/Demultiplexer (ch#43 to ch#57) module for OS9000	Each	OptiSwitch 9000	\$16,510.00	36%	\$10,566.40	N/A	\$1,502.41	\$1,535.43	\$1,551.94	\$1,601.47	\$10,566.40	N/A	\$1,502.41	\$10,731.50	N/A	\$1,502.41
MRV Communications, Inc.	O9-Mux/Demux8DR	8 wavelengths DWDM Multiplexer/Demultiplexer (ch#21 to ch#35) module for OS9000	Each	OptiSwitch 9000	\$15,310.00	36%	\$9,798.40	N/A	\$1,393.21	\$1,423.83	\$1,439.14	\$1,485.07	\$9,798.40	N/A	\$1,393.21	\$9,951.50	N/A	\$1,393.21
MRV Communications, Inc.	O9ADCDSxx	1 CWDM wavelengths SF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$2,190.00	36%	\$1,401.60	N/A	\$199.29	\$203.67	\$205.86	\$212.43	\$1,401.60	N/A	\$199.29	\$1,423.50	N/A	\$199.29
MRV Communications, Inc.	O9ADCDSxxyy	2 CWDM wavelengths SF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$3,590.00	36%	\$2,297.60	N/A	\$326.69	\$333.87	\$337.46	\$348.23	\$2,297.60	N/A	\$326.69	\$2,333.50	N/A	\$326.69
MRV Communications, Inc.	O9ADCDSxyyyz	3 CWDM wavelengths SF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$4,990.00	36%	\$3,193.60	N/A	\$454.09	\$464.07	\$469.06	\$484.03	\$3,193.60	N/A	\$454.09	\$3,243.50	N/A	\$454.09
MRV Communications, Inc.	O9ADCDSxyyyzww	4 CWDM wavelengths SF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$6,790.00	36%	\$4,345.60	N/A	\$617.89	\$631.47	\$638.26	\$658.63	\$4,345.60	N/A	\$617.89	\$4,413.50	N/A	\$617.89
MRV Communications, Inc.	O9ADCdxx	1 CWDM wavelengths DF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$2,390.00	36%	\$1,529.60	N/A	\$217.49	\$222.27	\$224.66	\$231.83	\$1,529.60	N/A	\$217.49	\$1,553.50	N/A	\$217.49
MRV Communications, Inc.	O9ADCdxyy	2 CWDM wavelengths DF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$3,790.00	36%	\$2,425.60	N/A	\$344.89	\$352.47	\$356.26	\$367.63	\$2,425.60	N/A	\$344.89	\$2,463.50	N/A	\$344.89
MRV Communications, Inc.	O9ADCdxyyyz	3 CWDM wavelengths DF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$5,190.00	36%	\$3,321.60	N/A	\$472.29	\$482.67	\$487.86	\$503.43	\$3,321.60	N/A	\$472.29	\$3,373.50	N/A	\$472.29
MRV Communications, Inc.	O9ADCdxyyyzww	4 CWDM wavelengths DF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$6,990.00	36%	\$4,473.60	N/A	\$636.09	\$650.07	\$657.06	\$678.03	\$4,473.60	N/A	\$636.09	\$4,543.50	N/A	\$636.09
MRV Communications, Inc.	O9ADCcx	1 CWDM wavelengths DF OADM module for OS9000	Each	OptiSwitch 9000	\$1,195.00	36%	\$764.80	N/A	\$108.75	\$111.14	\$112.33	\$115.92	\$764.80	N/A	\$108.75	\$776.75	N/A	\$108.75
MRV Communications, Inc.	O9ADCxxyy	2 CWDM wavelengths DF OADM module for OS9000	Each	OptiSwitch 9000	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	O9ADCxyyyz	3 CWDM wavelengths DF OADM module for OS9000	Each	OptiSwitch 9000	\$2,595.00	36%	\$1,660.80	N/A	\$236.15	\$241.34	\$243.93	\$251.72	\$1,660.80	N/A	\$236.15	\$1,686.75	N/A	\$236.15
MRV Communications, Inc.	O9ADCxyyyzww	4 CWDM wavelengths DF OADM module for OS9000	Each	OptiSwitch 9000	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	O9ADDDsxx	1 DWDM wavelengths SF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$3,390.00	36%	\$2,169.60	N/A	\$308.49	\$315.27	\$318.66	\$328.83	\$2,169.60	N/A	\$308.49	\$2,203.50	N/A	\$308.49
MRV Communications, Inc.	O9ADDDsxyy	2 DWDM wavelengths SF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$6,790.00	36%	\$4,345.60	N/A	\$617.89	\$631.47	\$638.26	\$658.63	\$4,345.60	N/A	\$617.89	\$4,413.50	N/A	\$617.89

Area NW Hardware

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	O9ADDDxxyzz	3 DWDM wavelengths SF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$9,790.00	36%	\$6,265.60	N/A	\$890.89	\$910.47	\$920.26	\$949.63	\$6,265.60	N/A	\$890.89	\$6,363.50	N/A	\$890.89
MRV Communications, Inc.	O9ADDDxxyzzzw	4 DWDM wavelengths SF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$12,390.00	36%	\$7,929.60	N/A	\$1,127.49	\$1,152.27	\$1,164.66	\$1,201.83	\$7,929.60	N/A	\$1,127.49	\$8,053.50	N/A	\$1,127.49
MRV Communications, Inc.	O9ADDDxx	1 DWDM wavelengths DF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$3,590.00	36%	\$2,297.60	N/A	\$326.69	\$333.87	\$337.46	\$348.23	\$2,297.60	N/A	\$326.69	\$2,333.50	N/A	\$326.69
MRV Communications, Inc.	O9ADDDxxyy	2 DWDM wavelengths DF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$6,990.00	36%	\$4,473.60	N/A	\$636.09	\$650.07	\$657.06	\$678.03	\$4,473.60	N/A	\$636.09	\$4,543.50	N/A	\$636.09
MRV Communications, Inc.	O9ADDDxxyzz	3 DWDM wavelengths DF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$9,990.00	36%	\$6,393.60	N/A	\$909.09	\$929.07	\$939.06	\$969.03	\$6,393.60	N/A	\$909.09	\$6,493.50	N/A	\$909.09
MRV Communications, Inc.	O9ADDDxxyzzzw	4 DWDM wavelengths DF Dual Sided OADM module for OS9000	Each	OptiSwitch 9000	\$12,590.00	36%	\$8,057.60	N/A	\$1,145.69	\$1,170.87	\$1,183.46	\$1,221.23	\$8,057.60	N/A	\$1,145.69	\$8,183.50	N/A	\$1,145.69
MRV Communications, Inc.	O9ADDxx	1 DWDM wavelengths DF OADM module for OS9000	Each	OptiSwitch 9000	\$1,795.00	36%	\$1,148.80	N/A	\$163.35	\$166.94	\$168.73	\$174.12	\$1,148.80	N/A	\$163.35	\$1,166.75	N/A	\$163.35
MRV Communications, Inc.	O9ADDxxyy	2 DWDM wavelengths DF OADM module for OS9000	Each	OptiSwitch 9000	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	O9ADDxxyzz	3 DWDM wavelengths DF OADM module for OS9000	Each	OptiSwitch 9000	\$4,995.00	36%	\$3,196.80	N/A	\$454.55	\$464.54	\$469.53	\$484.52	\$3,196.80	N/A	\$454.55	\$3,246.75	N/A	\$454.55
MRV Communications, Inc.	O9ADDxxyzzzw	4 DWDM wavelengths DF OADM module for OS9000	Each	OptiSwitch 9000	\$6,295.00	36%	\$4,028.80	N/A	\$572.85	\$585.44	\$591.73	\$610.62	\$4,028.80	N/A	\$572.85	\$4,091.75	N/A	\$572.85
MRV Communications, Inc.	OS9012-M	OptiSwitch® 9000 Series multi-layer platform with 12 GigE multipurpose Tri-mode ports - 100FX SFP / 1000FX SFP or built-in RJ45 10/100/1000T. (Power supplies should be ordered separately)	Each	OptiSwitch 9000	\$6,995.00	36%	\$4,476.80	N/A	\$636.55	\$650.54	\$657.53	\$678.52	\$4,476.80	N/A	\$636.55	\$4,546.75	N/A	\$636.55
MRV Communications, Inc.	OS9024-4C	OptiSwitch® 9000 Series multi-layer 24GigE platform with 20 unpopulated 1000BaseX SFPs and 4GigE Combo-Dual mode (SFP or RJ45 10/100/1000T) ports (Power supplies should be ordered separately)	Each	OptiSwitch 9000	\$9,855.00	36%	\$6,307.20	N/A	\$896.81	\$916.52	\$926.37	\$955.94	\$6,307.20	N/A	\$896.81	\$6,405.75	N/A	\$896.81
MRV Communications, Inc.	OS9024-M	OptiSwitch® 9000 Series multi-layer platform with 24 GigE multipurpose Tri-mode ports - 100FX SFP / 1000FX SFP or built-in RJ45 10/100/1000T. (Power supplies should be ordered separately).	Each	OptiSwitch 9000	\$9,855.00	36%	\$6,307.20	N/A	\$896.81	\$916.52	\$926.37	\$955.94	\$6,307.20	N/A	\$896.81	\$6,405.75	N/A	\$896.81
MRV Communications, Inc.	OS9024FX-4GC	OptiSwitch® 9000 Series multi-layer platform with 24 unpopulated 1000BaseX SFPs and 4 GigE Dual mode (SFP or RJ45 10/100/1000T) ports (Power supplies should be ordered separately)	Each	OptiSwitch 9000	\$6,995.00	36%	\$4,476.80	N/A	\$636.55	\$650.54	\$657.53	\$678.52	\$4,476.80	N/A	\$636.55	\$4,546.75	N/A	\$636.55
MRV Communications, Inc.	OS9024M-210Gx	OptiSwitch® 9000 Series multi-layer platform with 24 GigE multipurpose Tri-mode ports - 100FX SFP / 1000FX SFP or built-in RJ45 10/100/1000T + 2 10GX (XFP) uplinks and 2 optional WDM slots (Power supplies should be ordered separately - 2 power supplies man	Each	OptiSwitch 9000	\$21,500.00	36%	\$13,760.00	N/A	\$1,956.50	\$1,999.50	\$2,021.00	\$2,085.50	\$13,760.00	N/A	\$1,956.50	\$13,975.00	N/A	\$1,956.50

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MRV Communications, Inc.	OS9048FX-4Gc	OptiSwitch® 9000 series multi-layer platform with 48 Fast Ethernet SFP and 4 GigE Dual Mode (SFP or RJ45 10/100/1000T) ports (power supplies should be ordered separately).	Each	OptiSwitch 9000	\$8,700.00	36%	\$5,568.00	N/A	\$791.70	\$809.10	\$817.80	\$843.90	\$5,568.00	N/A	\$791.70	\$5,655.00	N/A	\$791.70
MRV Communications, Inc.	OS9052	OptiSwitch® 9000 Series multi-layer platform with 48 10/100BaseT and 4 GigE SFP ports (Power supplies should be ordered separately).	Each	OptiSwitch 9000	\$6,995.00	36%	\$4,476.80	N/A	\$636.55	\$650.54	\$657.53	\$678.52	\$4,476.80	N/A	\$636.55	\$4,546.75	N/A	\$636.55
MRV Communications, Inc.	OS9124-410G	OptiSwitch® 9000 Series multi-layer platform with 16 SFP (100FX/1000FX/2000FX) + 4 SFP (1000FX) + 4 x Tri-Mode RJ45 10/100/1000BaseT or SFP (100FX/1000FX) + 4 x 10GE (LAN/WAN) + Optional Multi-Service Slot (Power supplies should be ordered separately). Mas	Each	OptiSwitch 9000	\$16,900.00	36%	\$10,816.00	N/A	\$1,537.90	\$1,571.70	\$1,588.60	\$1,639.30	\$10,816.00	N/A	\$1,537.90	\$10,985.00	N/A	\$1,537.90
MRV Communications, Inc.	SW-UPG-9MPLS	Enhanced software upgrade package for OptiSwitch® 9000 series (Master-OS: L3 + MPLS VC - LDP, RSVP-TE, CR-LDP, OSPF-TE, CSPF). In order to get the SW-UPG-9MPLS loaded on OS9000 models, please add an "S" character at the end of the OS9000 P.N. Example: OS90	Each	OptiSwitch 9000	\$5,150.00	36%	\$3,296.00	N/A	\$468.65	\$478.95	\$484.10	\$499.55	\$3,296.00	N/A	\$468.65	\$3,347.50	N/A	\$468.65
MRV Communications, Inc.	8500-1200-PA	OSM8500-1200-PA, 1200 Watt AC power for OSM8500.	Each	OptiSwitch-MR	\$2,926.00	36%	\$1,872.64	N/A	\$266.27	\$272.12	\$275.04	\$283.82	\$1,872.64	N/A	\$266.27	\$1,901.90	N/A	\$266.27
MRV Communications, Inc.	8500-1200-PD	OSM8500-1200-PD, 1200 Watt DC power for OSM8500.	Each	OptiSwitch-MR	\$3,548.00	36%	\$2,270.72	N/A	\$322.87	\$329.96	\$333.51	\$344.16	\$2,270.72	N/A	\$322.87	\$2,306.20	N/A	\$322.87
MRV Communications, Inc.	8500-2000-PA	OSM8500-2000-PA-POE, 2000 Watt AC power for OSM8500-POE Line Card.	Each	OptiSwitch-MR	\$5,280.00	36%	\$3,379.20	N/A	\$480.48	\$491.04	\$496.32	\$512.16	\$3,379.20	N/A	\$480.48	\$3,432.00	N/A	\$480.48
MRV Communications, Inc.	8500-2000-PD	OSM8500-2000-PD-POE, 2000 Watt DC power for OSM8500-POE Line Card.	Each	OptiSwitch-MR	\$6,793.00	36%	\$4,347.52	N/A	\$618.16	\$631.75	\$638.54	\$658.92	\$4,347.52	N/A	\$618.16	\$4,415.45	N/A	\$618.16
MRV Communications, Inc.	8500-24GT/12SFP	OSM8500-24GT/12SFP, 12-ports Gigabit BASE-T +12 port combo Gigabit.	Each	OptiSwitch-MR	\$11,495.00	36%	\$7,356.80	N/A	\$1,046.05	\$1,069.04	\$1,080.53	\$1,115.02	\$7,356.80	N/A	\$1,046.05	\$7,471.75	N/A	\$1,046.05
MRV Communications, Inc.	8500-24GTP/12S	OSM8500-24GT/12SFP-POE, 12-ports Gigabit BASE-T +12 port combo Gigabit POE.	Each	OptiSwitch-MR	\$15,620.00	36%	\$9,996.80	N/A	\$1,421.42	\$1,452.66	\$1,468.28	\$1,515.14	\$9,996.80	N/A	\$1,421.42	\$10,153.00	N/A	\$1,421.42
MRV Communications, Inc.	8500-24SFP	OSM8500-24SFP, 24-ports 100/1000 SFP.	Each	OptiSwitch-MR	\$14,410.00	36%	\$9,222.40	N/A	\$1,311.31	\$1,340.13	\$1,354.54	\$1,397.77	\$9,222.40	N/A	\$1,311.31	\$9,366.50	N/A	\$1,311.31
MRV Communications, Inc.	8500-24SFP/12GT	OSM8500-24SFP/12GT, 12-ports G SFP +12 ports combo Gigabit.	Each	OptiSwitch-MR	\$11,248.00	36%	\$7,198.72	N/A	\$1,023.57	\$1,046.06	\$1,057.31	\$1,091.06	\$7,198.72	N/A	\$1,023.57	\$7,311.20	N/A	\$1,023.57
MRV Communications, Inc.	8500-2X10G-XFP	OSM8500-2X10G-XFP, 2-ports XFP 10G Line Card.	Each	OptiSwitch-MR	\$14,108.00	36%	\$9,029.12	N/A	\$1,283.83	\$1,312.04	\$1,326.15	\$1,368.48	\$9,029.12	N/A	\$1,283.83	\$9,170.20	N/A	\$1,283.83
MRV Communications, Inc.	8500-48GT/4SFP	OSM8500-48GT/4SFP, 44-ports Gigabit BASE-T +4 port combo Gigabit.	Each	OptiSwitch-MR	\$20,378.00	36%	\$13,041.92	N/A	\$1,854.40	\$1,895.15	\$1,915.53	\$1,976.67	\$13,041.92	N/A	\$1,854.40	\$13,245.70	N/A	\$1,854.40
MRV Communications, Inc.	8500-48GTP/4SFP	OSM8500-48GT/4SFP-POE, 44-ports Gigabit BASE-T +4 port combo Gigabit POE.	Each	OptiSwitch-MR	\$26,593.00	36%	\$17,019.52	N/A	\$2,419.96	\$2,473.15	\$2,499.74	\$2,579.52	\$17,019.52	N/A	\$2,419.96	\$17,285.45	N/A	\$2,419.96

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MRV Communications, Inc.	8500-4X10G-XFP	OSM8500-4X10G-XFP, 4-ports XFP 10G Line Card.	Each	OptiSwitch-MR	\$21,725.00	36%	\$13,904.00	N/A	\$1,976.98	\$2,020.43	\$2,042.15	\$2,107.33	\$13,904.00	N/A	\$1,976.98	\$14,121.25	N/A	\$1,976.98
MRV Communications, Inc.	8510-FM	OSM8510-FM, Fabric & Management - Main Control Module.	Each	OptiSwitch-MR	\$10,340.00	36%	\$6,617.60	N/A	\$940.94	\$961.62	\$971.96	\$1,002.98	\$6,617.60	N/A	\$940.94	\$6,721.00	N/A	\$940.94
MRV Communications, Inc.	MR10G-XFP	MR10G-XFP 10G XFP module for MR2326-S4C and MR3326.	Each	OptiSwitch-MR	\$900.00	36%	\$576.00	N/A	\$81.90	\$83.70	\$84.60	\$87.30	\$576.00	N/A	\$81.90	\$585.00	N/A	\$81.90
MRV Communications, Inc.	MR2226N-2C	L2+ Standalone Switch. 24 Ports 10/100Base-T (RJ45) and two Combo Gigabit ports each comprised of a RJ45 and SFP for uplink, with enhanced security and QoS.	Each	OptiSwitch-MR	\$720.00	36%	\$460.80	N/A	\$65.52	\$66.96	\$67.68	\$69.84	\$460.80	N/A	\$65.52	\$468.00	N/A	\$65.52
MRV Communications, Inc.	MR2228-2C-POE	L2/4 Power Over Ethernet Switch 24 ports 10/100BASE-T (RJ-45) , two 10/100/1000 ports and two Combo Tri mode ports -100FX SFP/1000FX SFP or built-in RJ45 10/100/1000T receptacle for uplink.	Each	OptiSwitch-MR	\$1,570.00	36%	\$1,004.80	N/A	\$142.87	\$146.01	\$147.58	\$152.29	\$1,004.80	N/A	\$142.87	\$1,020.50	N/A	\$142.87
MRV Communications, Inc.	MR2228N-2C	L2/4 Virtual IP Stackable Switch 24 ports 10/100BASE-T (RJ-45) , and four Combo Tri mode ports -100FX SFP/1000FX SFP or built-in RJ45 10/100/1000T receptacle for uplink.	Each	OptiSwitch-MR	\$960.00	36%	\$614.40	N/A	\$87.36	\$89.28	\$90.24	\$93.12	\$614.40	N/A	\$87.36	\$624.00	N/A	\$87.36
MRV Communications, Inc.	MR2252-2C-POE	L2/4 Power Over Ethernet Switch 48 ports 10/100BASE-T (RJ-45) , two 10/100/1000 ports and two Combo Tri mode ports -100FX SFP/1000FX SFP or built-in RJ45 10/100/1000T receptacle for uplink.	Each	OptiSwitch-MR	\$2,000.00	36%	\$1,280.00	N/A	\$182.00	\$186.00	\$188.00	\$194.00	\$1,280.00	N/A	\$182.00	\$1,300.00	N/A	\$182.00
MRV Communications, Inc.	MR2252N-2C	L2/4 Virtual IP Stackable Ethernet Switch 48 - ports 10/100BASE-T (RJ-45) , four Combo Tri mode ports - 100FX SFP/1000FX SFP or built-in RJ45 10/100/1000T receptacle for uplink.	Each	OptiSwitch-MR	\$1,455.00	36%	\$931.20	N/A	\$132.41	\$135.32	\$136.77	\$141.14	\$931.20	N/A	\$132.41	\$945.75	N/A	\$132.41
MRV Communications, Inc.	MR2326-S4C	L2/4 Gigabit Ethernet Stackable Switch - 20 ports 10/100/1000 Base-T and 4 combo Gigabit ports each comprised of a RJ-45 and a SFP plus 2 optional I/O module for 10G XFP uplink with both IPv4/IPv6 Management, Policy-maps, ACLs , QoS and basic L3 Upgrade Op	Each	OptiSwitch-MR	\$4,150.00	36%	\$2,656.00	N/A	\$377.65	\$385.95	\$390.10	\$402.55	\$2,656.00	N/A	\$377.65	\$2,697.50	N/A	\$377.65
MRV Communications, Inc.	MR2408	L2/4 10 Gigabit Managed Switch, standalone; 8 ports XFP Layer 2/4 10 Gigabit Ethernet switch.	Each	OptiSwitch-MR	\$14,500.00	36%	\$9,280.00	N/A	\$1,319.50	\$1,348.50	\$1,363.00	\$1,406.50	\$9,280.00	N/A	\$1,319.50	\$9,425.00	N/A	\$1,319.50
MRV Communications, Inc.	MR3312-4C	Layer 3 Managed Switch; 12 ports 10/100/1000 Ethernet Routing standalone Switch; 8 1000Base-X SFP ports and 4 Gigabit combo ports each comprised of an RJ-45 and an SFP.	Each	OptiSwitch-MR	\$3,420.00	36%	\$2,188.80	N/A	\$311.22	\$318.06	\$321.48	\$331.74	\$2,188.80	N/A	\$311.22	\$2,223.00	N/A	\$311.22

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MRV Communications, Inc.	MR4600RPS	600 Watt Redundant Power Supply unit for the MR series.	Each	OptiSwitch-MR	\$2,230.00	36%	\$1,427.20	N/A	\$202.93	\$207.39	\$209.62	\$216.31	\$1,427.20	N/A	\$202.93	\$1,449.50	N/A	\$202.93
MRV Communications, Inc.	MRS3326-S4C	IPv6 Layer 3 Managed Switch A 24 ports 10/100/1000 Ethernet Routing IP Stackable Switch comprised of 20 10/100/1000 Base-T ports , 4 Gigabit combo ports each comprised of an RJ-45 and an SFP, plus 2 optional I/O module for 10G XFP uplink and IPv6 features.	Each	OptiSwitch-MR	\$4,400.00	36%	\$2,816.00	N/A	\$400.40	\$409.20	\$413.60	\$426.80	\$2,816.00	N/A	\$400.40	\$2,860.00	N/A	\$400.40
MRV Communications, Inc.	MRS3350-S4C	IPv6 Layer 3 Managed Switch A 48 ports 10/100/1000 Ethernet Routing IP Stackable Switch comprised of 44 10/100/1000 Base-T ports , 4 Gigabit combo ports each comprised of an RJ-45 and an SFP, plus 2 optional I/O module for 10G XFP uplink and IPv6 features.	Each	OptiSwitch-MR	\$6,800.00	36%	\$4,352.00	N/A	\$618.80	\$632.40	\$639.20	\$659.60	\$4,352.00	N/A	\$618.80	\$4,420.00	N/A	\$618.80
MRV Communications, Inc.	MRXX25-49-26-LSC	Long Stackable Cable 130 cm for the MR3325/49 and MRX326/50-S4C.	Each	OptiSwitch-MR	\$250.00	36%	\$160.00	N/A	\$22.75	\$23.25	\$23.50	\$24.25	\$160.00	N/A	\$22.75	\$162.50	N/A	\$22.75
MRV Communications, Inc.	MRXX25/49/26-SC	Stacking cable for the MR3325/49 and MR3326/50-S4C.	Each	OptiSwitch-MR	\$250.00	36%	\$160.00	N/A	\$22.75	\$23.25	\$23.50	\$24.25	\$160.00	N/A	\$22.75	\$162.50	N/A	\$22.75
MRV Communications, Inc.	OA2000	L2 with QoS fiber aggregator solution. 24 Fast Ethernet WDM Bi-Directional (single) fiber ports with 2 Combo GE (RJ-45/SFP) uplinks. TCC TS1000 for subscriber port monitoring (without IP) built in.	Each	OptiSwitch-MR	\$5,175.00	36%	\$3,312.00	N/A	\$470.93	\$481.28	\$486.45	\$501.98	\$3,312.00	N/A	\$470.93	\$3,363.75	N/A	\$470.93
MRV Communications, Inc.	OA201	Optical Network Termination (ONT). Fast Ethernet standalone Media Converter with Bi-Directional WDM (single) Fiber port. TCC TS1000 for remote subscriber port monitoring (without IP) built in.	Each	OptiSwitch-MR	\$414.00	36%	\$264.96	N/A	\$37.67	\$38.50	\$38.92	\$40.16	\$264.96	N/A	\$37.67	\$269.10	N/A	\$37.67
MRV Communications, Inc.	OSM8510	OSM8510, Core intelligent multi-layer IPv6 switch, 10-Slot chassis supports 100/1000SFP.	Each	OptiSwitch-MR	\$7,057.00	36%	\$4,516.48	N/A	\$642.19	\$656.30	\$663.36	\$684.53	\$4,516.48	N/A	\$642.19	\$4,587.05	N/A	\$642.19
MRV Communications, Inc.	LX-000-015	Thermal /Humidity Sensor for LX Series	Each	Out-of-Band Netw	\$195.00	20%	\$156.00	N/A	\$17.75	\$18.14	\$18.33	\$18.92	\$156.00	N/A	\$17.75	\$156.00	N/A	\$17.75
MRV Communications, Inc.	LX-1004T-001AC	Console Server with 4 RS232 RJ45 ports and external AC power supply. Includes software and documentation on CD-ROM and 3-year warranty. Please specify North America or Int'l power supply needed for end user when placing order.	Each	Out-of-Band Netw	\$1,100.00	36%	\$704.00	N/A	\$100.10	\$102.30	\$103.40	\$106.70	\$704.00	N/A	\$100.10	\$715.00	N/A	\$100.10
MRV Communications, Inc.	LX-1004T-011DC	Console Server with 4 RS232 RJ45 ports and external DC power supply (20-72VDC). Includes software and documentation on CD-ROM and 3-year warranty.	Each	Out-of-Band Netw	\$1,570.00	36%	\$1,004.80	N/A	\$142.87	\$146.01	\$147.58	\$152.29	\$1,004.80	N/A	\$142.87	\$1,020.50	N/A	\$142.87

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-1004T-101AC	Console Server with 4 RS232 RJ45 ports, internal V.90 modem and external AC power supply. Includes software and documentation on CD-ROM and 3-year warranty. Please specify North America or Int'l power supply needed for end user when placing order.	Each	Out-of-Band Netw	\$1,245.00	36%	\$796.80	N/A	\$113.30	\$115.79	\$117.03	\$120.77	\$796.80	N/A	\$113.30	\$809.25	N/A	\$113.30
MRV Communications, Inc.	LX-1004T-111DC	Console Server with 4 RS232 RJ45 ports, internal V.92 modem and external DC power supply (20-72VDC). Includes software and documentation on CD-ROM and 3-year warranty.	Each	Out-of-Band Netw	\$1,780.00	36%	\$1,139.20	N/A	\$161.98	\$165.54	\$167.32	\$172.66	\$1,139.20	N/A	\$161.98	\$1,157.00	N/A	\$161.98
MRV Communications, Inc.	LX-1004T-201EU	Console Server with 4 RS232 RJ45 ports with internal GSM modem (European version) and external AC power supply (European version). Includes software and documentation on CD-ROM and 3-year warranty.	Each	Out-of-Band Netw	\$1,520.00	36%	\$972.80	N/A	\$138.32	\$141.36	\$142.88	\$147.44	\$972.80	N/A	\$138.32	\$988.00	N/A	\$138.32
MRV Communications, Inc.	LX-1004T-221DC	Console Server with 4 RS232 RJ45 Ports and external DC power supply (20-72VDC) and Internal GSM Modem (EU version). Includes software and documentation on CD-ROM and 3-year warranty.	Each	Out-of-Band Netw	\$1,990.00	36%	\$1,273.60	N/A	\$181.09	\$185.07	\$187.06	\$193.03	\$1,273.60	N/A	\$181.09	\$1,293.50	N/A	\$181.09
MRV Communications, Inc.	LX-1004T201US	Console Server with 4 RS232 RJ45 ports with internal GSM modem (US version) and external AC power supply. Includes software and documentation on CD-ROM and 3-year warranty.	Each	Out-of-Band Netw	\$1,520.00	36%	\$972.80	N/A	\$138.32	\$141.36	\$142.88	\$147.44	\$972.80	N/A	\$138.32	\$988.00	N/A	\$138.32
MRV Communications, Inc.	LX-1004T211DC	Console Server with 4 RS232 RJ45 ports with internal GSM modem (US version) and external DC power supply. Includes software and documentation on CD-ROM and 3-year warranty.	Each	Out-of-Band Netw	\$1,990.00	36%	\$1,273.60	N/A	\$181.09	\$185.07	\$187.06	\$193.03	\$1,273.60	N/A	\$181.09	\$1,293.50	N/A	\$181.09
MRV Communications, Inc.	LX-151-3026R	Male RJ-45 to Male RJ-45 crossover cable, 25 feet.	Each	Out-of-Band Netw	\$18.00	20%	\$14.40	N/A	\$1.64	\$1.67	\$1.69	\$1.75	\$14.40	N/A	\$1.64	\$14.40	N/A	\$1.64
MRV Communications, Inc.	LX-151-3027R	Male RJ-45 to Male RJ-45 straight-through cable, 10 Feet ROHS.	Each	Out-of-Band Netw	\$12.00	20%	\$9.60	N/A	\$1.09	\$1.12	\$1.13	\$1.16	\$9.60	N/A	\$1.09	\$9.60	N/A	\$1.09
MRV Communications, Inc.	LX-151-3028R	Male RJ-45 to Male RJ-45 Crossover cable, 10 feet.	Each	Out-of-Band Netw	\$12.00	20%	\$9.60	N/A	\$1.09	\$1.12	\$1.13	\$1.16	\$9.60	N/A	\$1.09	\$9.60	N/A	\$1.09
MRV Communications, Inc.	LX-191N-RM-R	19" Rack Mount kit for LX-8000S, LX-4000S and LX-4000T.	Each	Out-of-Band Netw	\$25.00	20%	\$20.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$20.00	N/A	\$2.28	\$20.00	N/A	\$2.28
MRV Communications, Inc.	LX-231N-RM-R	23" Rack Mount kit for LX-8000S, LX-4000S and LX-4000T.	Each	Out-of-Band Netw	\$25.00	20%	\$20.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$20.00	N/A	\$2.28	\$20.00	N/A	\$2.28
MRV Communications, Inc.	LX-345-0078R	Adapter, Female DB-9 to RJ-45, Straight-through. DTE adapter when used with a crossover cable (LX-151-3028).	Each	Out-of-Band Netw	\$12.00	20%	\$9.60	N/A	\$1.09	\$1.12	\$1.13	\$1.16	\$9.60	N/A	\$1.09	\$9.60	N/A	\$1.09
MRV Communications, Inc.	LX-345-0080R	Adapter, Male DB-25 to RJ-45, Straight-through. DCE adapter when used with a straight-through cable (LX-151-3027R).	Each	Out-of-Band Netw	\$12.00	20%	\$9.60	N/A	\$1.09	\$1.12	\$1.13	\$1.16	\$9.60	N/A	\$1.09	\$9.60	N/A	\$1.09

Area NW Hardware

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 LOT 2  
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Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-345-0081R	Adapter, Female DB-25 to RJ-45, Straight-through. DTE adapter when used with a crossover cable (LX-151-3028R)	Each	Out-of-Band Netw	\$15.00	20%	\$12.00	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$12.00	N/A	\$1.37	\$12.00	N/A	\$1.37
MRV Communications, Inc.	LX-345-0082R	Adapter, Male DB-25 to RJ-45, Straight-through. Designed for use with modem. DTE Adapter when used with a straight-through cable (LX-151-3027R).	Each	Out-of-Band Netw	\$15.00	20%	\$12.00	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$12.00	N/A	\$1.37	\$12.00	N/A	\$1.37
MRV Communications, Inc.	LX-345-0086R	Adapter, Male DB-25 to RJ-45, Crossover. DCE adapter when used with a crossover cable (LX-151-3028R)	Each	Out-of-Band Netw	\$15.00	20%	\$12.00	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$12.00	N/A	\$1.37	\$12.00	N/A	\$1.37
MRV Communications, Inc.	LX-345-0087R	Adapter, Female DB-9 to RJ-45, Crossover. DTE adapter when used with a crossover cable (LX-151-3027R)	Each	Out-of-Band Netw	\$15.00	20%	\$12.00	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$12.00	N/A	\$1.37	\$12.00	N/A	\$1.37
MRV Communications, Inc.	LX-345-0088R	Adapter, Female DB-25 to RJ-45, Crossover. DTE adapter when used with a straight-through cable (LX-151-3027R)	Each	Out-of-Band Netw	\$15.00	20%	\$12.00	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$12.00	N/A	\$1.37	\$12.00	N/A	\$1.37
MRV Communications, Inc.	LX-345-0089R	Adapter, Male DB9 to RJ-45, Crossover (RTS/CTS only). DCE adapter when used with a crossover cable (LX-151-3028R)	Each	Out-of-Band Netw	\$15.00	20%	\$12.00	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$12.00	N/A	\$1.37	\$12.00	N/A	\$1.37
MRV Communications, Inc.	LX-4008T-001AC	Console Server, 8 RJ45 ports, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$1,675.00	36%	\$1,072.00	N/A	\$152.43	\$155.78	\$157.45	\$162.48	\$1,072.00	N/A	\$152.43	\$1,088.75	N/A	\$152.43
MRV Communications, Inc.	LX-4008T-001ACF	Console Server with 8 RJ45 ports, FIPS 140-2 certified, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$1,930.00	36%	\$1,235.20	N/A	\$175.63	\$179.49	\$181.42	\$187.21	\$1,235.20	N/A	\$175.63	\$1,254.50	N/A	\$175.63
MRV Communications, Inc.	LX-4008T-002AC	Console Server with 8 RJ45 ports, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$1,990.00	36%	\$1,273.60	N/A	\$181.09	\$185.07	\$187.06	\$193.03	\$1,273.60	N/A	\$181.09	\$1,293.50	N/A	\$181.09
MRV Communications, Inc.	LX-4008T-002ACF	Console Server with 8 RJ45 ports, FIPS 140-2 certified, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,290.00	36%	\$1,465.60	N/A	\$208.39	\$212.97	\$215.26	\$222.13	\$1,465.60	N/A	\$208.39	\$1,488.50	N/A	\$208.39
MRV Communications, Inc.	LX-4008T-011DC	Console Server with 8 RJ45 ports, single DC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$1,990.00	36%	\$1,273.60	N/A	\$181.09	\$185.07	\$187.06	\$193.03	\$1,273.60	N/A	\$181.09	\$1,293.50	N/A	\$181.09
MRV Communications, Inc.	LX-4008T-012DC	Console Server with 8 RJ45 ports, dual DC power (36-72V). Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$2,360.00	36%	\$1,510.40	N/A	\$214.76	\$219.48	\$221.84	\$228.92	\$1,510.40	N/A	\$214.76	\$1,534.00	N/A	\$214.76

Area NW Hardware

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 LOT 2  
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-4008T-012DCF	Console Server with 8 RJ45 ports, FIPS 140-2 certified, and dual DC power (36-72V). Includes software and documentation on CD-ROM. 3 year warranty.	Each	Out-of-Band Netw	\$3,070.00	36%	\$1,964.80	N/A	\$279.37	\$285.51	\$288.58	\$297.79	\$1,964.80	N/A	\$279.37	\$1,995.50	N/A	\$279.37
MRV Communications, Inc.	LX-4008T-101AC	Console Server with 8 RJ45 ports, V.90 modem, AC power. Includes Software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$1,885.00	36%	\$1,206.40	N/A	\$171.54	\$175.51	\$177.19	\$182.85	\$1,206.40	N/A	\$171.54	\$1,225.25	N/A	\$171.54
MRV Communications, Inc.	LX-4008T-101ACF	Console Server with 8 RJ45 ports, V.90 modem, FIPS certified, 140-2, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,170.00	36%	\$1,388.80	N/A	\$197.47	\$201.81	\$203.98	\$210.49	\$1,388.80	N/A	\$197.47	\$1,410.50	N/A	\$197.47
MRV Communications, Inc.	LX-4008T-102AC	Console Server with 8 RJ45 ports, V.90 modem, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,200.00	36%	\$1,408.00	N/A	\$200.20	\$204.60	\$206.80	\$213.40	\$1,408.00	N/A	\$200.20	\$1,430.00	N/A	\$200.20
MRV Communications, Inc.	LX-4008T-102ACF	Console Server with 8 RJ45 ports, V.90 modem, FIPS 140-2 certified, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,530.00	36%	\$1,619.20	N/A	\$230.23	\$235.29	\$237.82	\$245.41	\$1,619.20	N/A	\$230.23	\$1,644.50	N/A	\$230.23
MRV Communications, Inc.	LX-4008T-111DC	Console Server with 8 RJ45 ports, V.90 modem, single DC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,200.00	36%	\$1,408.00	N/A	\$200.20	\$204.60	\$206.80	\$213.40	\$1,408.00	N/A	\$200.20	\$1,430.00	N/A	\$200.20
MRV Communications, Inc.	LX-4008T-112DC	Console Server with 8 RJ45 ports, modem, dual DC power (36-72V). Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$2,570.00	36%	\$1,644.80	N/A	\$233.87	\$239.01	\$241.58	\$249.29	\$1,644.80	N/A	\$233.87	\$1,670.50	N/A	\$233.87
MRV Communications, Inc.	LX-4008T-112DCF	Console Server with 8 RJ45 ports, FIPS 140-2 certified, V.90 modem, and dual DC power (36-72V). Includes software and documentation on CD-ROM. 3 year warranty.	Each	Out-of-Band Netw	\$3,320.00	36%	\$2,124.80	N/A	\$302.12	\$308.76	\$312.08	\$322.04	\$2,124.80	N/A	\$302.12	\$2,158.00	N/A	\$302.12
MRV Communications, Inc.	LX-4016T-001AC	Console Server with 16 RJ45 ports, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,095.00	36%	\$1,340.80	N/A	\$190.65	\$194.84	\$196.93	\$203.22	\$1,340.80	N/A	\$190.65	\$1,361.75	N/A	\$190.65

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-4016T-001ACF	Console Server with 16 RJ45 ports, FIPS 140-2 certified, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,410.00	36%	\$1,542.40	N/A	\$219.31	\$224.13	\$226.54	\$233.77	\$1,542.40	N/A	\$219.31	\$1,566.50	N/A	\$219.31
MRV Communications, Inc.	LX-4016T-002AC	Console Server with 16 RJ45 ports, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,295.00	36%	\$1,468.80	N/A	\$208.85	\$213.44	\$215.73	\$222.62	\$1,468.80	N/A	\$208.85	\$1,491.75	N/A	\$208.85
MRV Communications, Inc.	LX-4016T-002ACF	Console Server with 16 RJ45 ports, FIPS certified, 140-2, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,770.00	36%	\$1,772.80	N/A	\$252.07	\$257.61	\$260.38	\$268.69	\$1,772.80	N/A	\$252.07	\$1,800.50	N/A	\$252.07
MRV Communications, Inc.	LX-4016T-011DC	Console Server with 16 RJ45 ports, single DC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,305.00	36%	\$1,475.20	N/A	\$209.76	\$214.37	\$216.67	\$223.59	\$1,475.20	N/A	\$209.76	\$1,498.25	N/A	\$209.76
MRV Communications, Inc.	LX-4016T-012DC	Console Server with 16 RJ45 ports, dual DC power (36-72V). Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$2,670.00	36%	\$1,708.80	N/A	\$242.97	\$248.31	\$250.98	\$258.99	\$1,708.80	N/A	\$242.97	\$1,735.50	N/A	\$242.97
MRV Communications, Inc.	LX-4016T-012DCF	Console Server with 16 RJ45 ports, FIPS 140-2 certified, and dual DC power (36-72V). Includes software and documentation on CD-ROM. 3 year warranty.	Each	Out-of-Band Netw	\$3,440.00	36%	\$2,201.60	N/A	\$313.04	\$319.92	\$323.36	\$333.68	\$2,201.60	N/A	\$313.04	\$2,236.00	N/A	\$313.04
MRV Communications, Inc.	LX-4016T-014DC	Console Server with 16 RJ45 ports, dual DC power, Digital Volt Meter. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,090.00	36%	\$1,977.60	N/A	\$281.19	\$287.37	\$290.46	\$299.73	\$1,977.60	N/A	\$281.19	\$2,008.50	N/A	\$281.19
MRV Communications, Inc.	LX-4016T-101AC	Console Server with 16 RJ45 ports, V.90 modem, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,395.00	36%	\$1,532.80	N/A	\$217.95	\$222.74	\$225.13	\$232.32	\$1,532.80	N/A	\$217.95	\$1,556.75	N/A	\$217.95
MRV Communications, Inc.	LX-4016T-101ACF	Console Server with 16 RJ45 ports, FIPS 140-2 certified, V.90 modem, and single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,760.00	36%	\$1,766.40	N/A	\$251.16	\$256.68	\$259.44	\$267.72	\$1,766.40	N/A	\$251.16	\$1,794.00	N/A	\$251.16
MRV Communications, Inc.	LX-4016T-102AC	Console Server with 16 RJ45 ports, V.90 modem, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,710.00	36%	\$1,734.40	N/A	\$246.61	\$252.03	\$254.74	\$262.87	\$1,734.40	N/A	\$246.61	\$1,761.50	N/A	\$246.61

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-4016T-102ACF	Console Server with 16 RJ45 ports, V.90 modem, FIPS 140-2 certified, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,120.00	36%	\$1,996.80	N/A	\$283.92	\$290.16	\$293.28	\$302.64	\$1,996.80	N/A	\$283.92	\$2,028.00	N/A	\$283.92
MRV Communications, Inc.	LX-4016T-111DC	Console Server with 16 RJ45 ports, V.90 modem, single DC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$2,605.00	36%	\$1,667.20	N/A	\$237.06	\$242.27	\$244.87	\$252.69	\$1,667.20	N/A	\$237.06	\$1,693.25	N/A	\$237.06
MRV Communications, Inc.	LX-4016T-112DC	Console Server with 16 RJ45 ports, modem dual DC power (36-72V). Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$2,970.00	36%	\$1,900.80	N/A	\$270.27	\$276.21	\$279.18	\$288.09	\$1,900.80	N/A	\$270.27	\$1,930.50	N/A	\$270.27
MRV Communications, Inc.	LX-4016T-112DCF	Console Server with 16 RJ45 ports, FIPS 140-2 certified, V.90 modem, and dual DC power (36-72V). Includes software and documentation on CD-ROM. 3 year warranty.	Each	Out-of-Band Netw	\$3,780.00	36%	\$2,419.20	N/A	\$343.98	\$351.54	\$355.32	\$366.66	\$2,419.20	N/A	\$343.98	\$2,457.00	N/A	\$343.98
MRV Communications, Inc.	LX-4016T-114DC	Console Server with 16 RJ45 ports, V.92 modem, Dual DC power, Digital Volt Meter. Includes software and documentation on CD-ROM and 19" rackmount kit, 3-year warranty.	Each	Out-of-Band Netw	\$3,390.00	36%	\$2,169.60	N/A	\$308.49	\$315.27	\$318.66	\$328.83	\$2,169.60	N/A	\$308.49	\$2,203.50	N/A	\$308.49
MRV Communications, Inc.	LX-4032T-001AC	Console Server with 32 RJ45 ports, single AC power. Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$2,810.00	36%	\$1,798.40	N/A	\$255.71	\$261.33	\$264.14	\$272.57	\$1,798.40	N/A	\$255.71	\$1,826.50	N/A	\$255.71
MRV Communications, Inc.	LX-4032T-001ACF	Console Server with 32 RJ45 ports, FIPS 140-2 certified, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,230.00	36%	\$2,067.20	N/A	\$293.93	\$300.39	\$303.62	\$313.31	\$2,067.20	N/A	\$293.93	\$2,099.50	N/A	\$293.93
MRV Communications, Inc.	LX-4032T-002AC	Console Server with 32 RJ45 ports, dual AC power. Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$3,125.00	36%	\$2,000.00	N/A	\$284.38	\$290.63	\$293.75	\$303.13	\$2,000.00	N/A	\$284.38	\$2,031.25	N/A	\$284.38
MRV Communications, Inc.	LX-4032T-002ACF	Console Server with 32 RJ45 ports, FIPS 140-2 certified, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,600.00	36%	\$2,304.00	N/A	\$327.60	\$334.80	\$338.40	\$349.20	\$2,304.00	N/A	\$327.60	\$2,340.00	N/A	\$327.60
MRV Communications, Inc.	LX-4032T-011DC	Console Server with 32 RJ45 ports, single DC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,125.00	36%	\$2,000.00	N/A	\$284.38	\$290.63	\$293.75	\$303.13	\$2,000.00	N/A	\$284.38	\$2,031.25	N/A	\$284.38

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-4032T-012DC	Console Server with 32 RJ45 ports, dual DC power (36-72V). Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$3,490.00	36%	\$2,233.60	N/A	\$317.59	\$324.57	\$328.06	\$338.53	\$2,233.60	N/A	\$317.59	\$2,268.50	N/A	\$317.59
MRV Communications, Inc.	LX-4032T-012DCF	Console Server with 32 RJ45 ports, FIPS 140-2 certified, and dual DC power (36-72V). Includes software and documentation on CD-ROM. 3 year warranty.	Each	Out-of-Band Netw	\$4,740.00	36%	\$3,033.60	N/A	\$431.34	\$440.82	\$445.56	\$459.78	\$3,033.60	N/A	\$431.34	\$3,081.00	N/A	\$431.34
MRV Communications, Inc.	LX-4032T-101AC	Console Server with 32 RJ45 ports, V.90 modem, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,020.00	36%	\$1,932.80	N/A	\$274.82	\$280.86	\$283.88	\$292.94	\$1,932.80	N/A	\$274.82	\$1,963.00	N/A	\$274.82
MRV Communications, Inc.	LX-4032T-101ACF	Console Server with 32 RJ45 ports, FIPS 140-2 certified, V.90 modem, and single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,465.00	36%	\$2,217.60	N/A	\$315.32	\$322.25	\$325.71	\$336.11	\$2,217.60	N/A	\$315.32	\$2,252.25	N/A	\$315.32
MRV Communications, Inc.	LX-4032T-102AC	Console Server with 32 RJ45 ports, V.90 modem, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,335.00	36%	\$2,134.40	N/A	\$303.49	\$310.16	\$313.49	\$323.50	\$2,134.40	N/A	\$303.49	\$2,167.75	N/A	\$303.49
MRV Communications, Inc.	LX-4032T-102ACF	Console Server with 32 RJ45 ports, V.90 modem, FIPS 140-2 certified, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,835.00	36%	\$2,454.40	N/A	\$348.99	\$356.66	\$360.49	\$372.00	\$2,454.40	N/A	\$348.99	\$2,492.75	N/A	\$348.99
MRV Communications, Inc.	LX-4032T-111DC	Console Server with 32 RJ45 ports, V.90 modem, single DC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,335.00	36%	\$2,134.40	N/A	\$303.49	\$310.16	\$313.49	\$323.50	\$2,134.40	N/A	\$303.49	\$2,167.75	N/A	\$303.49
MRV Communications, Inc.	LX-4032T-112DC	Console Server with 32 RJ45 ports, modem dual DC power (36-72V). Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$3,700.00	36%	\$2,368.00	N/A	\$336.70	\$344.10	\$347.80	\$358.90	\$2,368.00	N/A	\$336.70	\$2,405.00	N/A	\$336.70
MRV Communications, Inc.	LX-4032T-112DCF	Console Server with 32 RJ45 ports, FIPS 140-2 certified, V.90 modem, and dual DC power (36-72V). Includes software and documentation on CD-ROM. 3 year warranty.	Each	Out-of-Band Netw	\$4,985.00	36%	\$3,190.40	N/A	\$453.64	\$463.61	\$468.59	\$483.55	\$3,190.40	N/A	\$453.64	\$3,240.25	N/A	\$453.64
MRV Communications, Inc.	LX-4048T-001AC	Console Server with 48 RJ45 ports, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$3,990.00	36%	\$2,553.60	N/A	\$363.09	\$371.07	\$375.06	\$387.03	\$2,553.60	N/A	\$363.09	\$2,593.50	N/A	\$363.09

Area NW Hardware

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-4048T-001ACF	Console Server with 48 RJ45 ports, FIPS 140-2 certified, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$4,585.00	36%	\$2,934.40	N/A	\$417.24	\$426.41	\$430.99	\$444.75	\$2,934.40	N/A	\$417.24	\$2,980.25	N/A	\$417.24
MRV Communications, Inc.	LX-4048T-002AC	Console Server with 48 RJ45 ports, dual AC power. Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$4,300.00	36%	\$2,752.00	N/A	\$391.30	\$399.90	\$404.20	\$417.10	\$2,752.00	N/A	\$391.30	\$2,795.00	N/A	\$391.30
MRV Communications, Inc.	LX-4048T-002ACF	Console Server with 48 RJ45 ports, FIPS 140-2 certified, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$4,935.00	36%	\$3,158.40	N/A	\$449.09	\$458.96	\$463.89	\$478.70	\$3,158.40	N/A	\$449.09	\$3,207.75	N/A	\$449.09
MRV Communications, Inc.	LX-4048T-011DC	Console Server with 48 RJ45 ports, single DC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$4,195.00	36%	\$2,684.80	N/A	\$381.75	\$390.14	\$394.33	\$406.92	\$2,684.80	N/A	\$381.75	\$2,726.75	N/A	\$381.75
MRV Communications, Inc.	LX-4048T-012DC	Console Server with 48 RJ45 ports, dual DC power (36-72V). Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$4,560.00	36%	\$2,918.40	N/A	\$414.96	\$424.08	\$428.64	\$442.32	\$2,918.40	N/A	\$414.96	\$2,964.00	N/A	\$414.96
MRV Communications, Inc.	LX-4048T-012DCF	Console Server with 48 RJ45 ports, FIPS 140-2 certified, and dual DC power (36-72V). Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$6,340.00	36%	\$4,057.60	N/A	\$576.94	\$589.62	\$595.96	\$614.98	\$4,057.60	N/A	\$576.94	\$4,121.00	N/A	\$576.94
MRV Communications, Inc.	LX-4048T-014DC	Console Server with 48 RJ45 ports, Dual DC power, Digital Volt Meter. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$4,980.00	36%	\$3,187.20	N/A	\$453.18	\$463.14	\$468.12	\$483.06	\$3,187.20	N/A	\$453.18	\$3,237.00	N/A	\$453.18
MRV Communications, Inc.	LX-4048T-101AC	Console Server with 48 RJ45 ports, V.90 modem, single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$4,195.00	36%	\$2,684.80	N/A	\$381.75	\$390.14	\$394.33	\$406.92	\$2,684.80	N/A	\$381.75	\$2,726.75	N/A	\$381.75
MRV Communications, Inc.	LX-4048T-101ACF	Console Server with 48 RJ45 ports, FIPS 140-2 certified, V.90 modem, and single AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$4,825.00	36%	\$3,088.00	N/A	\$439.08	\$448.73	\$453.55	\$468.03	\$3,088.00	N/A	\$439.08	\$3,136.25	N/A	\$439.08
MRV Communications, Inc.	LX-4048T-102AC	Console Server with 48 RJ45 ports, V.90 modem, dual AC power. Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$4,510.00	36%	\$2,886.40	N/A	\$410.41	\$419.43	\$423.94	\$437.47	\$2,886.40	N/A	\$410.41	\$2,931.50	N/A	\$410.41

Area NW Hardware

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-4048T-102ACF	Console Server with 48 RJ45 ports, V.90 modem, FIPS 140-2 certified, dual AC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$5,190.00	36%	\$3,321.60	N/A	\$472.29	\$482.67	\$487.86	\$503.43	\$3,321.60	N/A	\$472.29	\$3,373.50	N/A	\$472.29
MRV Communications, Inc.	LX-4048T-111DC	Console Server with 48 RJ45 ports, V.90 modem, single DC power. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$4,405.00	36%	\$2,819.20	N/A	\$400.86	\$409.67	\$414.07	\$427.29	\$2,819.20	N/A	\$400.86	\$2,863.25	N/A	\$400.86
MRV Communications, Inc.	LX-4048T-112DC	Console Server with 48 RJ45 ports, V.90 modem, dual DC power (36-72V). Includes software and documentation on CD-ROM. 3-year warranty.	Each	Out-of-Band Netw	\$4,770.00	36%	\$3,052.80	N/A	\$434.07	\$443.61	\$448.38	\$462.69	\$3,052.80	N/A	\$434.07	\$3,100.50	N/A	\$434.07
MRV Communications, Inc.	LX-4048T-112DCF	Console Server with 48 RJ45 ports, FIPS 140-2 certified, V.90 modem, and dual DC power (36-72V). Includes software and documentation on CD-ROM. 3 year warranty.	Each	Out-of-Band Netw	\$6,580.00	36%	\$4,211.20	N/A	\$598.78	\$611.94	\$618.52	\$638.26	\$4,211.20	N/A	\$598.78	\$4,277.00	N/A	\$598.78
MRV Communications, Inc.	LX-4048T-114DC	Console Server with 48 RJ45 ports, V.92 modem, Dual DC power, Digital Volt Meter. Includes software and documentation on CD-ROM and 19" rackmount kit. 3-year warranty.	Each	Out-of-Band Netw	\$5,190.00	36%	\$3,321.60	N/A	\$472.29	\$482.67	\$487.86	\$503.43	\$3,321.60	N/A	\$472.29	\$3,373.50	N/A	\$472.29
MRV Communications, Inc.	LX-4108T-010AC	4108T Series Remote Site Manager, 4 NEMA 5-20R outlets, 8 Serial RJ45 ports, 110V, 20A. Power cord included, select from available options. Includes 19" rackmount kit.	Each	Out-of-Band Netw	\$2,180.00	36%	\$1,395.20	N/A	\$198.38	\$202.74	\$204.92	\$211.46	\$1,395.20	N/A	\$198.38	\$1,417.00	N/A	\$198.38
MRV Communications, Inc.	LX-4108T-0E0AC	4108T Series Remote Site Manager, 8 Serial RJ45 ports, 4 IEC 60320/C13 outlets, 20A (16A European Rating), IEC 60320/C20 Power Inlet, 230V, 50-60Hz. Power cord included, select from available options. Includes 19" rackmount kit.	Each	Out-of-Band Netw	\$2,180.00	36%	\$1,395.20	N/A	\$198.38	\$202.74	\$204.92	\$211.46	\$1,395.20	N/A	\$198.38	\$1,417.00	N/A	\$198.38
MRV Communications, Inc.	LX-4108T-110AC	4108T Series Remote Site Manager, 4 NEMA 5-20R outlets, 8 Serial RJ45 ports, V92 modem, 110V, 20A. Power cord included, select from available options. Includes 19" rackmount kit.	Each	Out-of-Band Netw	\$2,380.00	36%	\$1,523.20	N/A	\$216.58	\$221.34	\$223.72	\$230.86	\$1,523.20	N/A	\$216.58	\$1,547.00	N/A	\$216.58

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MRV Communications, Inc.	LX-4108T-1E0AC	4108T Series Remote Site Manager, 8 Serial RJ45 ports, V.92 modem, 4 IEC 60320/C13 outlets, 20A (16A European Rating), IEC 60320/C20 Power Inlet, 230V, 50-60Hz. Power cord included, select from available options. Includes 19" rackmount kit.	Each	Out-of-Band Netw	\$2,380.00	36%	\$1,523.20	N/A	\$216.58	\$221.34	\$223.72	\$230.86	\$1,523.20	N/A	\$216.58	\$1,547.00	N/A	\$216.58
MRV Communications, Inc.	LX-4805-XLS-16	4800 Series Power Control Unit, -48V DC, 16 10 Amp outlets, RoHS compliant.	Each	Out-of-Band Netw	\$3,060.00	20%	\$2,448.00	N/A	\$278.46	\$284.58	\$287.64	\$296.82	\$2,448.00	N/A	\$278.46	\$2,448.00	N/A	\$278.46
MRV Communications, Inc.	LX-480535-XLS-12	4800 series power control unit -48V DC, 8 10A max outlets and 4 70A max outlets, RoHS compliant.	Each	Out-of-Band Netw	\$3,930.00	20%	\$3,144.00	N/A	\$357.63	\$365.49	\$369.42	\$381.21	\$3,144.00	N/A	\$357.63	\$3,144.00	N/A	\$357.63
MRV Communications, Inc.	LX-4870-XLS-4	4800 Series Power Control Unit, 4 70A max outlets, RoHS compliant.	Each	Out-of-Band Netw	\$3,700.00	20%	\$2,960.00	N/A	\$336.70	\$344.10	\$347.80	\$358.90	\$2,960.00	N/A	\$336.70	\$2,960.00	N/A	\$336.70
MRV Communications, Inc.	LX-5210-16H1C20	5210 Power Control Series, Horizontal, 16 NEMA 5-20R outlets, 20A, IEC 60320/C20 Power Inlet, 110V. Power cord included, select from available options.	Each	Out-of-Band Netw	\$1,160.00	20%	\$928.00	N/A	\$105.56	\$107.88	\$109.04	\$112.52	\$928.00	N/A	\$105.56	\$928.00	N/A	\$105.56
MRV Communications, Inc.	LX-5210-16H1L30	5210 Power Control Series, Horizontal, 16 NEMA 5-20R outlets, 30A, NEMA L5-30P Cordset, 110V.	Each	Out-of-Band Netw	\$1,210.00	20%	\$968.00	N/A	\$110.11	\$112.53	\$113.74	\$117.37	\$968.00	N/A	\$110.11	\$968.00	N/A	\$110.11
MRV Communications, Inc.	LX-5210-16H2C20	5210 Power Control Series, Horizontal, 16 IEC 60320/C13 outlets, 20A, IEC 60320/C20 Power Inlet, 208-240V. Power cord included, select from available options.	Each	Out-of-Band Netw	\$1,160.00	20%	\$928.00	N/A	\$105.56	\$107.88	\$109.04	\$112.52	\$928.00	N/A	\$105.56	\$928.00	N/A	\$105.56
MRV Communications, Inc.	LX-5210-16H2L30	5210 Power Control Series, Horizontal, 16 IEC 60320/C13 outlets, 30A, NEMA L6-30P Cordset, 208-240V.	Each	Out-of-Band Netw	\$1,210.00	20%	\$968.00	N/A	\$110.11	\$112.53	\$113.74	\$117.37	\$968.00	N/A	\$110.11	\$968.00	N/A	\$110.11
MRV Communications, Inc.	LX-5210-16HEC20	5210 Power Control Series, Horizontal, 16 IEC 60320/C13 outlets, 16A (European Rating), IEC 60320/C20 Power Inlet, 230V, 50-60Hz, European fusing. Power cord included, select from available options.	Each	Out-of-Band Netw	\$1,160.00	20%	\$928.00	N/A	\$105.56	\$107.88	\$109.04	\$112.52	\$928.00	N/A	\$105.56	\$928.00	N/A	\$105.56
MRV Communications, Inc.	LX-5250-16V1C20	5250 Power Control Series, Vertical, 16 NEMA 5-20R outlets, 20A, IEC 60320/C20 Power Inlet, 110V. Power cord included, select from available options.	Each	Out-of-Band Netw	\$925.00	20%	\$740.00	N/A	\$84.18	\$86.03	\$86.95	\$89.73	\$740.00	N/A	\$84.18	\$740.00	N/A	\$84.18
MRV Communications, Inc.	LX-5250-16V1L30	5250 Power Control Series, Vertical, 16 NEMA 5-20R outlets, 30A, NEMA L5-30P Cordset, 110V.	Each	Out-of-Band Netw	\$960.00	20%	\$768.00	N/A	\$87.36	\$89.28	\$90.24	\$93.12	\$768.00	N/A	\$87.36	\$768.00	N/A	\$87.36

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-5250-16V2C20	5250 Power Control Series, Vertical, 16 IEC 60320/C13 outlets, 20A, IEC 60320/C20 Power Inlet, 208-240V. Power cord included, select from available options.	Each	Out-of-Band Netw	\$960.00	20%	\$768.00	N/A	\$87.36	\$89.28	\$90.24	\$93.12	\$768.00	N/A	\$87.36	\$768.00	N/A	\$87.36
MRV Communications, Inc.	LX-5250-16V2L30	5250 Power Control Series, Vertical, 16 IEC 60320/C13 outlets, 30A, NEMA L6-30P Cordset, 208-240V.	Each	Out-of-Band Netw	\$990.00	20%	\$792.00	N/A	\$90.09	\$92.07	\$93.06	\$96.03	\$792.00	N/A	\$90.09	\$792.00	N/A	\$90.09
MRV Communications, Inc.	LX-5250-16VEC20	5250 Power Control Series, Vertical, 16 IEC 60320/C13 outlets, 20A (16A European Rating), IEC 60320/C20 Power Inlet, 230V, 50-60Hz, European fusing. Power cord included, select from available options.	Each	Out-of-Band Netw	\$925.00	20%	\$740.00	N/A	\$84.18	\$86.03	\$86.95	\$89.73	\$740.00	N/A	\$84.18	\$740.00	N/A	\$84.18
MRV Communications, Inc.	LX-5250-16VEP32	5250 Power Control Series, Vertical, 16 IEC 60320/C13 outlets, 32A, IEC 60309 Cordset, 230V.	Each	Out-of-Band Netw	\$950.00	20%	\$760.00	N/A	\$86.45	\$88.35	\$89.30	\$92.15	\$760.00	N/A	\$86.45	\$760.00	N/A	\$86.45
MRV Communications, Inc.	LX-5250-24V2C20	5250 Power Control Series, Vertical, 24 IEC 60320/C13 outlets, 20A, IEC 60320/C20 Power Inlet, 208-240V Power cord included, select from available options.	Each	Out-of-Band Netw	\$1,100.00	20%	\$880.00	N/A	\$100.10	\$102.30	\$103.40	\$106.70	\$880.00	N/A	\$100.10	\$880.00	N/A	\$100.10
MRV Communications, Inc.	LX-5250-24V2L30	5250 Power Control Series, Vertical, 24 IEC 60320/C13 outlets, 30A, NEMA L6-30P Cordset, 208-240V.	Each	Out-of-Band Netw	\$1,100.00	20%	\$880.00	N/A	\$100.10	\$102.30	\$103.40	\$106.70	\$880.00	N/A	\$100.10	\$880.00	N/A	\$100.10
MRV Communications, Inc.	LX-5250-24V4L30	5250 Power Control Series, Vertical, 24 IEC 60320/C13 outlets, 32A, IEC 60309 Cordset, 3 Phase 400V.	Each	Out-of-Band Netw	\$1,840.00	20%	\$1,472.00	N/A	\$167.44	\$171.12	\$172.96	\$178.48	\$1,472.00	N/A	\$167.44	\$1,472.00	N/A	\$167.44
MRV Communications, Inc.	LX-5250-24VEC20	5250 Power Control Series, Vertical, 24 IEC 60320/C13 outlets, 20A (16A European Rating), IEC 60320/C20 Power Inlet, 230V, 50-60Hz, European fusing. Power cord included, select from available options.	Each	Out-of-Band Netw	\$1,100.00	20%	\$880.00	N/A	\$100.10	\$102.30	\$103.40	\$106.70	\$880.00	N/A	\$100.10	\$880.00	N/A	\$100.10
MRV Communications, Inc.	LX-5250-24VEP32	5250 Power Control Series, Vertical, 24 IEC 60320/C13 outlets, 32A, IEC 60309 Cordset, 230V.	Each	Out-of-Band Netw	\$1,090.00	20%	\$872.00	N/A	\$99.19	\$101.37	\$102.46	\$105.73	\$872.00	N/A	\$99.19	\$872.00	N/A	\$99.19
MRV Communications, Inc.	LX-5250-24VYL20	5250 Power Control Series, Vertical, 24 IEC 60320/C13 outlets, 20A, NEMA L21-20P Cordset, 3 Phase 208V.	Each	Out-of-Band Netw	\$1,675.00	20%	\$1,340.00	N/A	\$152.43	\$155.78	\$157.45	\$162.48	\$1,340.00	N/A	\$152.43	\$1,340.00	N/A	\$152.43
MRV Communications, Inc.	LX-5250-24VYL30	5250 Power Control Series, Vertical, 24 IEC 60320/C13 outlets, 30A, NEMA L21-30P Cordset, 3 Phase 208V.	Each	Out-of-Band Netw	\$1,675.00	20%	\$1,340.00	N/A	\$152.43	\$155.78	\$157.45	\$162.48	\$1,340.00	N/A	\$152.43	\$1,340.00	N/A	\$152.43
MRV Communications, Inc.	LX-5250-32V1C20	5250 Power Control Series, Vertical, 32 IEC 60320/C13 outlets, 20A, IEC 60320/C20 Power Inlet, 110V. Power cord included, select from available options.	Each	Out-of-Band Netw	\$1,650.00	20%	\$1,320.00	N/A	\$150.15	\$153.45	\$155.10	\$160.05	\$1,320.00	N/A	\$150.15	\$1,320.00	N/A	\$150.15

Area NW Hardware

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LX-5250-32V1L30	5250 Power Control Series, Vertical, 32 NEMA 5-20R outlets, 30A, NEMA L5-30P Cordset, 110V	Each	Out-of-Band Netw	\$1,760.00	20%	\$1,408.00	N/A	\$160.16	\$163.68	\$165.44	\$170.72	\$1,408.00	N/A	\$160.16	\$1,408.00	N/A	\$160.16
MRV Communications, Inc.	LX-5250-32V2C20	5250 Power Control Series, Vertical, 32 IEC 60320/C13 outlets, 20A, IEC 60320/C20 Power Inlet, 208-240V. Power cord included, select from available options.	Each	Out-of-Band Netw	\$1,595.00	20%	\$1,276.00	N/A	\$145.15	\$148.34	\$149.93	\$154.72	\$1,276.00	N/A	\$145.15	\$1,276.00	N/A	\$145.15
MRV Communications, Inc.	LX-5250-32V2L30	5250 Power Control Series, Vertical, 32 IEC 60320/C13 outlets, 30A, NEMA L6-30P Cordset, 208-240V.	Each	Out-of-Band Netw	\$1,790.00	20%	\$1,432.00	N/A	\$162.89	\$166.47	\$168.26	\$173.63	\$1,432.00	N/A	\$162.89	\$1,432.00	N/A	\$162.89
MRV Communications, Inc.	LX-5250-32VEC20	5250 Power Control Series, Vertical, 32 IEC 60320/C13 outlets, 20A (16A European Rating), IEC 60320/C20 Power Inlet, 230V, 50-60Hz, European fusing. Power cord included, select from available options.	Each	Out-of-Band Netw	\$1,710.00	20%	\$1,368.00	N/A	\$155.61	\$159.03	\$160.74	\$165.87	\$1,368.00	N/A	\$155.61	\$1,368.00	N/A	\$155.61
MRV Communications, Inc.	LX-5250-8H1C20M	5250 Power Control Series, Horizontal, 8 NEMA 5-20R outlets, 20A, IEC 60320/C20 Power Inlet, 110V. Power cord included, select from available options.	Each	Out-of-Band Netw	\$725.00	20%	\$580.00	N/A	\$65.98	\$67.43	\$68.15	\$70.33	\$580.00	N/A	\$65.98	\$580.00	N/A	\$65.98
MRV Communications, Inc.	LX-5250-8H1L30M	5250 Power Control Series, Horizontal, 8 NEMA 5-20R outlets, 30A, NEMA L5-30P Cordset, 110V.	Each	Out-of-Band Netw	\$750.00	20%	\$600.00	N/A	\$68.25	\$69.75	\$70.50	\$72.75	\$600.00	N/A	\$68.25	\$600.00	N/A	\$68.25
MRV Communications, Inc.	LX-5250-8H2C20M	5250 Power Control Series, Horizontal, 8 IEC 60320/C13 outlets, 20A, IEC 60320/C20 Power Inlet, 208-240V. Power cord included, select from available options.	Each	Out-of-Band Netw	\$810.00	20%	\$648.00	N/A	\$73.71	\$75.33	\$76.14	\$78.57	\$648.00	N/A	\$73.71	\$648.00	N/A	\$73.71
MRV Communications, Inc.	LX-5250-8H2L30M	5250 Power Control Series, Horizontal, 8 IEC 60320/C13 outlets, 30A, NEMA L6-30P Cordset, 208-240V.	Each	Out-of-Band Netw	\$840.00	20%	\$672.00	N/A	\$76.44	\$78.12	\$78.96	\$81.48	\$672.00	N/A	\$76.44	\$672.00	N/A	\$76.44
MRV Communications, Inc.	LX-5250-8HEC20M	5250 Power Control Series, Horizontal, 8 IEC 60320/C13 outlets, 20A, (16A/24A European Rating), IEC 60320/C20 Power Inlet, 230V, 50-60Hz, European fusing. Power cord included, select from available options.	Each	Out-of-Band Netw	\$810.00	20%	\$648.00	N/A	\$73.71	\$75.33	\$76.14	\$78.57	\$648.00	N/A	\$73.71	\$648.00	N/A	\$73.71
MRV Communications, Inc.	LX-5250-CBL01	5250 Power Control Series, Power Cord, IEC 60320/C13-IEC 60320/C14; 10A max/up to 250VAC; 8.2'.	Each	Out-of-Band Netw	\$20.00	20%	\$16.00	N/A	\$1.82	\$1.86	\$1.88	\$1.94	\$16.00	N/A	\$1.82	\$16.00	N/A	\$1.82
MRV Communications, Inc.	LX-5250-PCORD1	5250 Power Control Series, Power Cord, IEC 60320/C19 - NEMA L6-20P, 8.2'.	Each	Out-of-Band Netw	\$20.00	20%	\$16.00	N/A	\$1.82	\$1.86	\$1.88	\$1.94	\$16.00	N/A	\$1.82	\$16.00	N/A	\$1.82
MRV Communications, Inc.	LX-5250-PCORD2	5250 Power Control Series, Power Cord, IEC 60320/C19 - Schuko, 8.2'.	Each	Out-of-Band Netw	\$15.00	20%	\$12.00	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$12.00	N/A	\$1.37	\$12.00	N/A	\$1.37

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MRV Communications, Inc.	LX-5250-PCORD3	5250 Power Control Series, Power Cord, IEC 60320/C19 - IEC 60309 (BS4343, CEE17) 16/20A Blue (UK Commando), 8.2'.	Each	Out-of-Band Netw	\$45.00	20%	\$36.00	N/A	\$4.10	\$4.19	\$4.23	\$4.37	\$36.00	N/A	\$4.10	\$36.00	N/A	\$4.10
MRV Communications, Inc.	LX-5250-PCORD4	5250 Power Control Series, Power Cord, IEC 60320/C19 - BS1363 13A (UK), 8.2'.	Each	Out-of-Band Netw	\$15.00	20%	\$12.00	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$12.00	N/A	\$1.37	\$12.00	N/A	\$1.37
MRV Communications, Inc.	LX-5250-PCORD5	5250 Power Control Series, Power Cord, IEC 60320/C19 - 5 - 15P (15A Straight-Blade), 8.2'.	Each	Out-of-Band Netw	\$15.00	20%	\$12.00	N/A	\$1.37	\$1.40	\$1.41	\$1.46	\$12.00	N/A	\$1.37	\$12.00	N/A	\$1.37
MRV Communications, Inc.	LX-5250-PCORD6	5250 Power Control Series, Power Cord, IEC 60320/C19 - 5 - 20p (20A Straight-Blade) 8.2'.	Each	Out-of-Band Netw	\$20.00	20%	\$16.00	N/A	\$1.82	\$1.86	\$1.88	\$1.94	\$16.00	N/A	\$1.82	\$16.00	N/A	\$1.82
MRV Communications, Inc.	LX-5250-PCORD7	5250 Power Control Series, Power Cord, IEC 60320/C19 - L5 - 20P (20A Twist-Lock), 8.2'.	Each	Out-of-Band Netw	\$30.00	20%	\$24.00	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$24.00	N/A	\$2.73	\$24.00	N/A	\$2.73
MRV Communications, Inc.	LX-7200-001	7200T Series 32 Port Alarm/Sensor input module, RoHS/NEBS compliant.	Each	Out-of-Band Netw	\$520.00	36%	\$332.80	N/A	\$47.32	\$48.36	\$48.88	\$50.44	\$332.80	N/A	\$47.32	\$338.00	N/A	\$47.32
MRV Communications, Inc.	LX-7200-002	7200T Series 8 Port Control Output Module, 3 year warranty.	Each	Out-of-Band Netw	\$1,045.00	36%	\$668.80	N/A	\$95.10	\$97.19	\$98.23	\$101.37	\$668.80	N/A	\$95.10	\$679.25	N/A	\$95.10
MRV Communications, Inc.	LX-7200-003	7200T Series 8 Port Analog Loop Module, RoHS/NEBS compliant.	Each	Out-of-Band Netw	\$1,045.00	36%	\$668.80	N/A	\$95.10	\$97.19	\$98.23	\$101.37	\$668.80	N/A	\$95.10	\$679.25	N/A	\$95.10
MRV Communications, Inc.	LX-7204T-002AC	7200T Series Sensor Manager, modular chassis, 4 slots, dual AC power. Includes 19" rackmount kit, 3 year warranty.	Each	Out-of-Band Netw	\$2,305.00	36%	\$1,475.20	N/A	\$209.76	\$214.37	\$216.67	\$223.59	\$1,475.20	N/A	\$209.76	\$1,498.25	N/A	\$209.76
MRV Communications, Inc.	LX-7204T-012DC	7200T Series Sensor Manager, modular chassis, 4 slots, dual DC power(36-72V). Includes 19" rackmount kit, 3 year warranty.	Each	Out-of-Band Netw	\$2,305.00	36%	\$1,475.20	N/A	\$209.76	\$214.37	\$216.67	\$223.59	\$1,475.20	N/A	\$209.76	\$1,498.25	N/A	\$209.76
MRV Communications, Inc.	LX-7304T-012DC	7304T Series Sensor Manager, modular chassis, 4 slots, dual DC power. Includes 19" rackmount kit, 3-year warranty.	Each	Out-of-Band Netw	\$3,145.00	36%	\$2,012.80	N/A	\$286.20	\$292.49	\$295.63	\$305.07	\$2,012.80	N/A	\$286.20	\$2,044.25	N/A	\$286.20
MRV Communications, Inc.	LX-7304T-102AC	7304T Series Sensor Manager, modular chassis, 4 slots, dual AC power, V.92 Modem. Includes 19" rackmount kit, 3-year warranty.	Each	Out-of-Band Netw	\$3,415.00	36%	\$2,185.60	N/A	\$310.77	\$317.60	\$321.01	\$331.26	\$2,185.60	N/A	\$310.77	\$2,219.75	N/A	\$310.77
MRV Communications, Inc.	LX-7304T-112DC	7304T Series Sensor Manager, modular chassis, 4 slots, dual DC power, V.92 Modem. Includes 19" rackmount kit, 3-year warranty.	Each	Out-of-Band Netw	\$3,415.00	36%	\$2,185.60	N/A	\$310.77	\$317.60	\$321.01	\$331.26	\$2,185.60	N/A	\$310.77	\$2,219.75	N/A	\$310.77
MRV Communications, Inc.	LX-8020S-012DCR	Console Server, NEBS certified, with 20 RS232, RJ45 ports, dual DC power(36-72V), dual Ethernet ports (RJ45). Includes software and documentation on CD-ROM, 19" rackmount kit and 3-year warranty.	Each	Out-of-Band Netw	\$3,565.00	36%	\$2,281.60	N/A	\$324.42	\$331.55	\$335.11	\$345.81	\$2,281.60	N/A	\$324.42	\$2,317.25	N/A	\$324.42

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MRV Communications, Inc.	LX-8020S-112DCR	Console Server, NEBS certified, with 20 RS232 RJ45 ports, dual DC power (36-72V); dual Ethernet ports (RJ45); and internal V.90 modem. Includes software and documentation on CD-ROM, 19" rackmount kit and 3-year warranty. RoHS compliant.	Each	Out-of-Band Netw	\$3,775.00	36%	\$2,416.00	N/A	\$343.53	\$351.08	\$354.85	\$366.18	\$2,416.00	N/A	\$343.53	\$2,453.75	N/A	\$343.53
MRV Communications, Inc.	LX-8040S-012DCR	Console Server, NEBS certified, with 40 RS232 RJ45 ports, dual DC power (36-72V); dual Ethernet ports (RJ45). Includes software and documentation on CD-ROM, 19" rackmount kit and 3-year warranty.	Each	Out-of-Band Netw	\$5,770.00	36%	\$3,692.80	N/A	\$525.07	\$536.61	\$542.38	\$559.69	\$3,692.80	N/A	\$525.07	\$3,750.50	N/A	\$525.07
MRV Communications, Inc.	LX-8040S-112DCR	Console Server, NEBS certified, with 40 RS232 RJ45 ports, dual DC power (36-72V); dual Ethernet ports (RJ45) and internal V.90 modem. Includes software and documentation on CD-ROM, 19" rackmount kit and 3-year warranty.	Each	Out-of-Band Netw	\$5,980.00	36%	\$3,827.20	N/A	\$544.18	\$556.14	\$562.12	\$580.06	\$3,827.20	N/A	\$544.18	\$3,887.00	N/A	\$544.18
MRV Communications, Inc.	LX-ALARM-CBL01	Cable, 7200 Alarm Input Cable.	Each	Out-of-Band Netw	\$75.00	20%	\$60.00	N/A	\$6.83	\$6.98	\$7.05	\$7.28	\$60.00	N/A	\$6.83	\$60.00	N/A	\$6.83
MRV Communications, Inc.	LX-MED-01	LX Series Software and Documentation CD kit, Version 5.x.	Each	Out-of-Band Netw	\$325.00	20%	\$260.00	N/A	\$29.58	\$30.23	\$30.55	\$31.53	\$260.00	N/A	\$29.58	\$260.00	N/A	\$29.58
MRV Communications, Inc.	LX-MED-02	LX series Software and Documentation CD kit Version 4.X.	Each	Out-of-Band Netw	\$325.00	20%	\$260.00	N/A	\$29.58	\$30.23	\$30.55	\$31.53	\$260.00	N/A	\$29.58	\$260.00	N/A	\$29.58
MRV Communications, Inc.	LX-MED-03	LX Series Software and Documentation CD kit FIPS V4.1.4.	Each	Out-of-Band Netw	\$325.00	20%	\$260.00	N/A	\$29.58	\$30.23	\$30.55	\$31.53	\$260.00	N/A	\$29.58	\$260.00	N/A	\$29.58
MRV Communications, Inc.	LX-UPS-CBL01	Cable, LX RJ45 to APC UPS DB9.	Each	Out-of-Band Netw	\$25.00	20%	\$20.00	N/A	\$2.28	\$2.33	\$2.35	\$2.43	\$20.00	N/A	\$2.28	\$20.00	N/A	\$2.28
MRV Communications, Inc.	MK-348	IP KVM 48 server ports, 3 digital users and 1 analog (local) user.	Each	Out-of-Band Netw	\$9,950.00	36%	\$6,368.00	N/A	\$905.45	\$925.35	\$935.30	\$965.15	\$6,368.00	N/A	\$905.45	\$6,467.50	N/A	\$905.45
MRV Communications, Inc.	MK-616	IP KVM 16 server ports, 6 digital users and 1 analog (local) user.	Each	Out-of-Band Netw	\$9,500.00	36%	\$6,080.00	N/A	\$864.50	\$883.50	\$893.00	\$921.50	\$6,080.00	N/A	\$864.50	\$6,175.00	N/A	\$864.50
MRV Communications, Inc.	MK-648	IP KVM 48 server ports, 6 digital users and 1 analog (local) user.	Each	Out-of-Band Netw	\$12,500.00	36%	\$8,000.00	N/A	\$1,137.50	\$1,162.50	\$1,175.00	\$1,212.50	\$8,000.00	N/A	\$1,137.50	\$8,125.00	N/A	\$1,137.50
MRV Communications, Inc.	MKIA-PS2	Accessory, PS2 type computer adapter.	Each	Out-of-Band Netw	\$95.00	10%	\$85.50	N/A	\$8.65	\$8.84	\$8.93	\$9.22	\$85.50	N/A	\$8.65	\$85.50	N/A	\$8.65
MRV Communications, Inc.	MKIA-SUN	Accessory, old SUN type computer adapter.	Each	Out-of-Band Netw	\$95.00	10%	\$85.50	N/A	\$8.65	\$8.84	\$8.93	\$9.22	\$85.50	N/A	\$8.65	\$85.50	N/A	\$8.65
MRV Communications, Inc.	MKIA-USB	Accessory, USB type computer adapter.	Each	Out-of-Band Netw	\$95.00	10%	\$85.50	N/A	\$8.65	\$8.84	\$8.93	\$9.22	\$85.50	N/A	\$8.65	\$85.50	N/A	\$8.65
MRV Communications, Inc.	SFP-10GD-LR	SFP+, SM, 1310nm, 10km, with Digital Diagnostics.	Each	Pluggables	\$1,695.00	36%	\$1,084.80	N/A	\$154.25	\$157.64	\$159.33	\$164.42	\$1,084.80	N/A	\$154.25	\$1,101.75	N/A	\$154.25
MRV Communications, Inc.	SFP-10GD-SX	SFP+, 9.95 to 10.3 Gb/s bit Rate. MM, 850nm, 300m with Digital Diagnostics.	Each	Pluggables	\$1,095.00	36%	\$700.80	N/A	\$99.65	\$101.84	\$102.93	\$106.22	\$700.80	N/A	\$99.65	\$711.75	N/A	\$99.65
MRV Communications, Inc.	SFP-1394A	Copper Fire Wire with "A" Connector	Each	Pluggables	\$345.00	36%	\$220.80	N/A	\$31.40	\$32.09	\$32.43	\$33.47	\$220.80	N/A	\$31.40	\$224.25	N/A	\$31.40
MRV Communications, Inc.	SFP-1394B	Copper Fire Wire with "B" Connector	Each	Pluggables	\$249.00	36%	\$159.36	N/A	\$22.66	\$23.16	\$23.41	\$24.15	\$159.36	N/A	\$22.66	\$161.85	N/A	\$22.66

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	SFP-27DCWLR-XX	SFP Multi-rate LR, 100-2700Mbps, SM CWDM (XX=Wavelength 1270-1610nm), 40-100 km, with Digital Diagnostics.	Each	Pluggables	\$2,200.00	36%	\$1,408.00	N/A	\$200.20	\$204.60	\$206.80	\$213.40	\$1,408.00	N/A	\$200.20	\$1,430.00	N/A	\$200.20
MRV Communications, Inc.	SFP-8GD-LR	SFP+, 2.125 / 4.25 / 8.5 Gb/s, SM, 1310nm, 10km, rate select with Digital Diagnostics.	Each	Pluggables	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	SFP-8GD-SX	SFP+, 2.125 / 4.25 / 8.5 Gb/s, MM, 850nm, 300m* rate select with Digital Diagnostic.	Each	Pluggables	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	SFP-CXASI-RX	Unidirectional DVB-ASI BS.EM50083-9, SFP (270 Mbps) RX Only.	Each	Pluggables	\$1,499.00	36%	\$959.36	N/A	\$136.41	\$139.41	\$140.91	\$145.40	\$959.36	N/A	\$136.41	\$974.35	N/A	\$136.41
MRV Communications, Inc.	SFP-CXASI-TX	Unidirectional DVB-ASI BS.EM50083-9, SFP (270 Mbps) TX Only.	Each	Pluggables	\$1,499.00	36%	\$959.36	N/A	\$136.41	\$139.41	\$140.91	\$145.40	\$959.36	N/A	\$136.41	\$974.35	N/A	\$136.41
MRV Communications, Inc.	SFP-CXDV-RX27	Unidirectional Digital Video SFP, SDU/SMPTE 259m; (270Mbps) RX only.	Each	Pluggables	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	SFP-CXDV-TX27	Unidirectional Digital Video SFP, SDU/SMPTE 259m; (270Mbps) TX only.	Each	Pluggables	\$1,495.00	36%	\$956.80	N/A	\$136.05	\$139.04	\$140.53	\$145.02	\$956.80	N/A	\$136.05	\$971.75	N/A	\$136.05
MRV Communications, Inc.	SFP-DGD-LX	SFP Dual Rate 1/2.1 Gbps SX, or 1000Base-LX GigE SM, 1310nm	Each	Pluggables	\$295.00	36%	\$188.80	N/A	\$26.85	\$27.44	\$27.73	\$28.62	\$188.80	N/A	\$26.85	\$191.75	N/A	\$26.85
MRV Communications, Inc.	SFP-DGD-SX	SFP Dual Rate 1/2.1 Gbps SX, or 1000Base-SX GigE, MM, 850nm, 0-550m, with Digital Diagnostics.	Each	Pluggables	\$99.00	36%	\$63.36	N/A	\$9.01	\$9.21	\$9.31	\$9.60	\$63.36	N/A	\$9.01	\$64.35	N/A	\$9.01
MRV Communications, Inc.	SFP-DGD-SX	SFP Dual Rate 1/2.1 Gbps SX, or 1000Base-SX GigE, MM, 850nm, 0-550m, with Digital Diagnostics.	Each	Pluggables	\$99.00	36%	\$63.36	N/A	\$9.01	\$9.21	\$9.31	\$9.60	\$63.36	N/A	\$9.01	\$64.35	N/A	\$9.01
MRV Communications, Inc.	SFP-DR-351R2	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx:1310nm, Rx:1550nm, 20-48km with Digital Diagnostics.	Each	Pluggables	\$620.00	36%	\$396.80	N/A	\$56.42	\$57.66	\$58.28	\$60.14	\$396.80	N/A	\$56.42	\$403.00	N/A	\$56.42
MRV Communications, Inc.	SFP-DR-351R1	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx: 1310nm, Rx:1550nm Rx.0-22km with Digital Diagnostics.	Each	Pluggables	\$215.00	36%	\$137.60	N/A	\$19.57	\$20.00	\$20.21	\$20.86	\$137.60	N/A	\$19.57	\$139.75	N/A	\$19.57
MRV Communications, Inc.	SFP-DR-451R2	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx:1490nm, Rx:1570nm, 40-96km, with Digital Diagnostics.	Each	Pluggables	\$800.00	36%	\$512.00	N/A	\$72.80	\$74.40	\$75.20	\$77.60	\$512.00	N/A	\$72.80	\$520.00	N/A	\$72.80
MRV Communications, Inc.	SFP-DR-531R1	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx:1550nm, Rx:1310nm, 0-24km with Digital Diagnostics.	Each	Pluggables	\$612.00	36%	\$391.68	N/A	\$55.69	\$56.92	\$57.53	\$59.36	\$391.68	N/A	\$55.69	\$397.80	N/A	\$55.69
MRV Communications, Inc.	SFP-DR-531R2	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, 1550nm Tx, 1310nm Rx, 20-48km with Digital Diagnostics.	Each	Pluggables	\$845.00	36%	\$540.80	N/A	\$76.90	\$78.59	\$79.43	\$81.97	\$540.80	N/A	\$76.90	\$549.25	N/A	\$76.90
MRV Communications, Inc.	SFP-DR-54LR2	SFP, Dual rate (155/622 Mbps), SM Single Fiber LC, Tx:1570nm, Rx:1490nm, 40-96km with Digital Diagnostics.	Each	Pluggables	\$845.00	36%	\$540.80	N/A	\$76.90	\$78.59	\$79.43	\$81.97	\$540.80	N/A	\$76.90	\$549.25	N/A	\$76.90
MRV Communications, Inc.	SFP-DRO12D-IR1	SFP Dual Rate OC-3/OC-12 IR1, SM, 155/622Mbps, 1310nm, 0-25km, with Digital Diagnostics.	Each	Pluggables	\$250.00	36%	\$160.00	N/A	\$22.75	\$23.25	\$23.50	\$24.25	\$160.00	N/A	\$22.75	\$162.50	N/A	\$22.75

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	SFP-FD-BD35	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 16-46km, with Digital Diagnostics.	Each	Pluggables	\$370.00	36%	\$236.80	N/A	\$33.67	\$34.41	\$34.78	\$35.89	\$236.80	N/A	\$33.67	\$240.50	N/A	\$33.67
MRV Communications, Inc.	SFP-FD-BD35TH	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 16-46km, with Digital Diagnostics. Industrial Temp.	Each	Pluggables	\$485.00	36%	\$310.40	N/A	\$44.14	\$45.11	\$45.59	\$47.05	\$310.40	N/A	\$44.14	\$315.25	N/A	\$44.14
MRV Communications, Inc.	SFP-FD-BD53	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 16-46km, with Digital Diagnostics.	Each	Pluggables	\$755.00	36%	\$483.20	N/A	\$68.71	\$70.22	\$70.97	\$73.24	\$483.20	N/A	\$68.71	\$490.75	N/A	\$68.71
MRV Communications, Inc.	SFP-FD-BD53TH	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 16-46km, with Digital Diagnostics. Industrial Temp.	Each	Pluggables	\$875.00	36%	\$560.00	N/A	\$79.63	\$81.38	\$82.25	\$84.88	\$560.00	N/A	\$79.63	\$568.75	N/A	\$79.63
MRV Communications, Inc.	SFP-FD-BX35	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 0-28km, with Digital Diagnostics.	Each	Pluggables	\$235.00	36%	\$150.40	N/A	\$21.39	\$21.86	\$22.09	\$22.80	\$150.40	N/A	\$21.39	\$152.75	N/A	\$21.39
MRV Communications, Inc.	SFP-FD-BX35SC	SFP 100Base-BX and OC3, SM Single Fiber SC, TX: 1310nm, RX: 1550nm. 0-28km, with Digital Diagnostics.	Each	Pluggables	\$235.00	36%	\$150.40	N/A	\$21.39	\$21.86	\$22.09	\$22.80	\$150.40	N/A	\$21.39	\$152.75	N/A	\$21.39
MRV Communications, Inc.	SFP-FD-BX35TH	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 0-28km, with Digital Diagnostics. Industrial Temp.	Each	Pluggables	\$295.00	36%	\$188.80	N/A	\$26.85	\$27.44	\$27.73	\$28.62	\$188.80	N/A	\$26.85	\$191.75	N/A	\$26.85
MRV Communications, Inc.	SFP-FD-BX53	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 0-28km, with Digital Diagnostics.	Each	Pluggables	\$235.00	36%	\$150.40	N/A	\$21.39	\$21.86	\$22.09	\$22.80	\$150.40	N/A	\$21.39	\$152.75	N/A	\$21.39
MRV Communications, Inc.	SFP-FD-BX53SC	SFP 100Base-BX and OC3, SM Single Fiber SC, TX: 1550nm, RX: 1310nm. 0-28km, with Digital Diagnostics.	Each	Pluggables	\$235.00	36%	\$150.40	N/A	\$21.39	\$21.86	\$22.09	\$22.80	\$150.40	N/A	\$21.39	\$152.75	N/A	\$21.39
MRV Communications, Inc.	SFP-FD-BX53TH	SFP 100Base-BX and OC3, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 0-28km, with Digital Diagnostics. Industrial Temp.	Each	Pluggables	\$295.00	36%	\$188.80	N/A	\$26.85	\$27.44	\$27.73	\$28.62	\$188.80	N/A	\$26.85	\$191.75	N/A	\$26.85
MRV Communications, Inc.	SFP-FD-BZ45	SFP 100Base-BX, SM Single Fiber LC, TX: 1490nm, RX: 1570nm. 52-112km, with Digital Diagnostics.	Each	Pluggables	\$1,300.00	36%	\$832.00	N/A	\$118.30	\$120.90	\$122.20	\$126.10	\$832.00	N/A	\$118.30	\$845.00	N/A	\$118.30
MRV Communications, Inc.	SFP-FD-BZ54	SFP 100Base-BX, SM Single Fiber LC, TX: 1570nm, RX: 1490nm. 52-112km, with Digital Diagnostics.	Each	Pluggables	\$1,300.00	36%	\$832.00	N/A	\$118.30	\$120.90	\$122.20	\$126.10	\$832.00	N/A	\$118.30	\$845.00	N/A	\$118.30
MRV Communications, Inc.	SFP-FO-1394B	SFP, Optical fiberWire (1394B) 850nm for distance up to 100 meter over multimode fiber.	Each	Pluggables	\$850.00	36%	\$544.00	N/A	\$77.35	\$79.05	\$79.90	\$82.45	\$544.00	N/A	\$77.35	\$552.50	N/A	\$77.35
MRV Communications, Inc.	SFP-FO5-1394B	SFP, Optical fiberWire (1394B) 850nm for distance up to 500 meter over multimode fiber.	Each	Pluggables	\$950.00	36%	\$608.00	N/A	\$86.45	\$88.35	\$89.30	\$92.15	\$608.00	N/A	\$86.45	\$617.50	N/A	\$86.45
MRV Communications, Inc.	SFP-G-MMX	SFP 1000Base-SX, Extended MM, 1310nm, 0-3km.	Each	Pluggables	\$875.00	36%	\$560.00	N/A	\$79.63	\$81.38	\$82.25	\$84.88	\$560.00	N/A	\$79.63	\$568.75	N/A	\$79.63
MRV Communications, Inc.	SFP-GA-R	SFP supporting 1000Base-T for Layer 2 and higher devices.	Each	Pluggables	\$325.00	36%	\$208.00	N/A	\$29.58	\$30.23	\$30.55	\$31.53	\$208.00	N/A	\$29.58	\$211.25	N/A	\$29.58
MRV Communications, Inc.	SFP-GC-R	SFP supporting 1000Base-T for Layer 1 devices.	Each	Pluggables	\$325.00	36%	\$208.00	N/A	\$29.58	\$30.23	\$30.55	\$31.53	\$208.00	N/A	\$29.58	\$211.25	N/A	\$29.58

Area NW Hardware

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 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	SFP-GD-BD35	SFP 1000Base-BX, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 6-38km, with Digital Diagnostics.	Each	Pluggables	\$780.00	36%	\$499.20	N/A	\$70.98	\$72.54	\$73.32	\$75.66	\$499.20	N/A	\$70.98	\$507.00	N/A	\$70.98
MRV Communications, Inc.	SFP-GD-BD35TH	SFP 1000Base-BX, SM Single Fiber LC, TX: 1310nm, RX: 1550nm. 6-38km, with Digital Diagnostics. Industrial Temp.	Each	Pluggables	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	SFP-GD-BD53	SFP 1000Base-BX, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 6-38km, with Digital Diagnostics.	Each	Pluggables	\$780.00	36%	\$499.20	N/A	\$70.98	\$72.54	\$73.32	\$75.66	\$499.20	N/A	\$70.98	\$507.00	N/A	\$70.98
MRV Communications, Inc.	SFP-GD-BD53TH	SFP 1000Base-BX, SM Single Fiber LC, TX: 1550nm, RX: 1310nm. 6-38km, with Digital Diagnostics. Industrial Temp.	Each	Pluggables	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	SFP-GD-BX34	SFP 1000Base-BX, SM Single Fiber LC, TX: 1310nm, RX: 1490nm. 0-22km, with Digital Diagnostics.	Each	Pluggables	\$255.00	36%	\$163.20	N/A	\$23.21	\$23.72	\$23.97	\$24.74	\$163.20	N/A	\$23.21	\$165.75	N/A	\$23.21
MRV Communications, Inc.	SFP-GD-BX34SC	SFP 1000Base-BX, SM Single Fiber SC, TX: 1310nm, RX: 1490nm. 0-22km, with Digital Diagnostics.	Each	Pluggables	\$255.00	36%	\$163.20	N/A	\$23.21	\$23.72	\$23.97	\$24.74	\$163.20	N/A	\$23.21	\$165.75	N/A	\$23.21
MRV Communications, Inc.	SFP-GD-BX34TH	SFP 1000Base-BX, SM Single Fiber LC, TX: 1310nm, RX: 1490nm. 0-22km, with Digital Diagnostics. Industrial Temp.	Each	Pluggables	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	SFP-GD-BX43	SFP 1000Base-BX, SM Single Fiber LC, TX: 1490nm, RX: 1310nm. 0-22km, with Digital Diagnostics.	Each	Pluggables	\$660.00	36%	\$422.40	N/A	\$60.06	\$61.38	\$62.04	\$64.02	\$422.40	N/A	\$60.06	\$429.00	N/A	\$60.06
MRV Communications, Inc.	SFP-GD-BX43SC	SFP 1000Base-BX, SM Single Fiber SC, TX: 1490nm, RX: 1310nm. 0-22km, with Digital Diagnostics.	Each	Pluggables	\$660.00	36%	\$422.40	N/A	\$60.06	\$61.38	\$62.04	\$64.02	\$422.40	N/A	\$60.06	\$429.00	N/A	\$60.06
MRV Communications, Inc.	SFP-GD-BX43TH	SFP 1000Base-BX, SM Single Fiber LC, TX: 1490nm, RX: 1310nm. 0-22km, with Digital Diagnostics. Industrial Temp.	Each	Pluggables	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	SFP-GD-BZ45	SFP 1000Base-BX, SM Single Fiber LC, TX: 1490nm, RX: 1570nm. 32-96km, with Digital Diagnostics.	Each	Pluggables	\$1,300.00	36%	\$832.00	N/A	\$118.30	\$120.90	\$122.20	\$126.10	\$832.00	N/A	\$118.30	\$845.00	N/A	\$118.30
MRV Communications, Inc.	SFP-GD-BZ54	SFP 1000Base-BX, SM Single Fiber LC, TX: 1570nm, RX: 1490nm. 32-96km, with Digital Diagnostics.	Each	Pluggables	\$1,300.00	36%	\$832.00	N/A	\$118.30	\$120.90	\$122.20	\$126.10	\$832.00	N/A	\$118.30	\$845.00	N/A	\$118.30
MRV Communications, Inc.	SFP-GD-EBZ45	SFP 1000Base-BX, SM Single Fiber LC, TX: 1490nm, RX: 1570nm. 32-120km, with Digital Diagnostics.	Each	Pluggables	\$1,520.00	36%	\$972.80	N/A	\$138.32	\$141.36	\$142.88	\$147.44	\$972.80	N/A	\$138.32	\$988.00	N/A	\$138.32
MRV Communications, Inc.	SFP-GD-EBZ54	SFP 1000Base-BX, SM Single Fiber LC, TX: 1570nm, RX: 1490nm. 32-120km, with Digital Diagnostics.	Each	Pluggables	\$1,520.00	36%	\$972.80	N/A	\$138.32	\$141.36	\$142.88	\$147.44	\$972.80	N/A	\$138.32	\$988.00	N/A	\$138.32
MRV Communications, Inc.	SFP-GD-ELX	SFP 1000Base-ELX, SM, 1310nm, 0-35km, with Digital Diagnostics.	Each	Pluggables	\$475.00	36%	\$304.00	N/A	\$43.23	\$44.18	\$44.65	\$46.08	\$304.00	N/A	\$43.23	\$308.75	N/A	\$43.23

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	SFP-GD-EZX	SFP 1000Base-EZX, SM 1550nm, 45-125km, with Digital Diagnostics.	Each	Pluggables	\$1,755.00	36%	\$1,123.20	N/A	\$159.71	\$163.22	\$164.97	\$170.24	\$1,123.20	N/A	\$159.71	\$1,140.75	N/A	\$159.71
MRV Communications, Inc.	SFP-GD-LX	SFP 1000Base-LX, SM, 1310nm, 0-25km, with Digital Diagnostics.	Each	Pluggables	\$195.00	36%	\$124.80	N/A	\$17.75	\$18.14	\$18.33	\$18.92	\$124.80	N/A	\$17.75	\$126.75	N/A	\$17.75
MRV Communications, Inc.	SFP-GD-MX	SFP 1000Base-SX, Extended MM, 1310nm, 0-2km.	Each	Pluggables	\$775.00	36%	\$496.00	N/A	\$70.53	\$72.08	\$72.85	\$75.18	\$496.00	N/A	\$70.53	\$503.75	N/A	\$70.53
MRV Communications, Inc.	SFP-GD-XD	SFP 1000Base-XD, SM, 1550nm, 15-75km, with Digital Diagnostics.	Each	Pluggables	\$950.00	36%	\$608.00	N/A	\$86.45	\$88.35	\$89.30	\$92.15	\$608.00	N/A	\$86.45	\$617.50	N/A	\$86.45
MRV Communications, Inc.	SFP-GD-ZX	SFP 1000Base-ZX, SM, 1550nm, 35-95km, with Digital Diagnostics.	Each	Pluggables	\$1,200.00	36%	\$768.00	N/A	\$109.20	\$111.60	\$112.80	\$116.40	\$768.00	N/A	\$109.20	\$780.00	N/A	\$109.20
MRV Communications, Inc.	SFP-GDCWEZX-XX	SFP 1000Base-EZX, SM CWDM (XX=Wavelength 1470-1610nm) 120km with Digital Diagnostics.	Each	Pluggables	\$1,850.00	36%	\$1,184.00	N/A	\$168.35	\$172.05	\$173.90	\$179.45	\$1,184.00	N/A	\$168.35	\$1,202.50	N/A	\$168.35
MRV Communications, Inc.	SFP-GDCWXD-XX	SFP 1000Base-XD, SM CWDM (XX=Wavelength 1470 - 1610nm), 50km, with Digital Diagnostics.	Each	Pluggables	\$1,150.00	36%	\$736.00	N/A	\$104.65	\$106.95	\$108.10	\$111.55	\$736.00	N/A	\$104.65	\$747.50	N/A	\$104.65
MRV Communications, Inc.	SFP-GDCWZX-XX	SFP 1000Base-ZX, SM CWDM (XX=Wavelength 1470-1610nm), 80km, CWDM with Digital Diagnostics.	Each	Pluggables	\$1,450.00	36%	\$928.00	N/A	\$131.95	\$134.85	\$136.30	\$140.65	\$928.00	N/A	\$131.95	\$942.50	N/A	\$131.95
MRV Communications, Inc.	SFP-MR-35IR1	SFP, Multi rate (100-2700 Mbps), SM Single Fiber LC, Tx:1310nm, Rx:1550nm, 15km with Digital Diagnostics.	Each	Pluggables	\$805.00	36%	\$515.20	N/A	\$73.26	\$74.87	\$75.67	\$78.09	\$515.20	N/A	\$73.26	\$523.25	N/A	\$73.26
MRV Communications, Inc.	SFP-MR-45IR2	SFP, Multi rate (100-2700 Mbps), SM Single Fiber LC, Tx:1490nm, Rx:1570nm, 40km, with Digital Diagnostics.	Each	Pluggables	\$940.00	36%	\$601.60	N/A	\$85.54	\$87.42	\$88.36	\$91.18	\$601.60	N/A	\$85.54	\$611.00	N/A	\$85.54
MRV Communications, Inc.	SFP-MR-45LR2	SFP, Multi rate (100-2.7G), SM Single Fiber LC, 1490nm Tx, 1570nm Rx, 80km, with Digital Diagnostics.	Each	Pluggables	\$1,435.00	36%	\$918.40	N/A	\$130.59	\$133.46	\$134.89	\$139.20	\$918.40	N/A	\$130.59	\$932.75	N/A	\$130.59
MRV Communications, Inc.	SFP-MR-53IR1	SFP, Multi rate (100-2700 Mbps), SM Single Fiber LC, Tx:1550nm, Rx:1310nm, 15km, with Digital Diagnostics.	Each	Pluggables	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	SFP-MR-54IR2	SFP, Multi rate (100-2700 Mbps), SM Single Fiber LC, Tx:1570nm, Rx:1490nm, 40km, with Digital Diagnostics.	Each	Pluggables	\$940.00	36%	\$601.60	N/A	\$85.54	\$87.42	\$88.36	\$91.18	\$601.60	N/A	\$85.54	\$611.00	N/A	\$85.54
MRV Communications, Inc.	SFP-MR-54LR2	SFP, Multi rate (100-2.7G), SM Single Fiber LC, 1570nm Tx, 1490nm Rx, 80km, with Digital Diagnostics.	Each	Pluggables	\$1,435.00	36%	\$918.40	N/A	\$130.59	\$133.46	\$134.89	\$139.20	\$918.40	N/A	\$130.59	\$932.75	N/A	\$130.59
MRV Communications, Inc.	SFP-MR2-M	SFP Multirate 100-200Mbps, MM, 1310nm, 0-2km	Each	Pluggables	\$120.00	36%	\$76.80	N/A	\$10.92	\$11.16	\$11.28	\$11.64	\$76.80	N/A	\$10.92	\$78.00	N/A	\$10.92
MRV Communications, Inc.	SFP-MR27D-IR1	SFP Multi-rate IR1, 100-2700Mbps, SM, 1310nm, 0-30km with Digital Diagnostics.	Each	Pluggables	\$940.00	36%	\$601.60	N/A	\$85.54	\$87.42	\$88.36	\$91.18	\$601.60	N/A	\$85.54	\$611.00	N/A	\$85.54
MRV Communications, Inc.	SFP-MR27D-IR2	SFP Multi-rate IR2, 100-2700Mbps, SM, 1550nm, 0-60km with Digital Diagnostics.	Each	Pluggables	\$1,420.00	36%	\$908.80	N/A	\$129.22	\$132.06	\$133.48	\$137.74	\$908.80	N/A	\$129.22	\$923.00	N/A	\$129.22
MRV Communications, Inc.	SFP-MR27D-LR1	SFP Multi-rate, LR1, 100-2700Mbps, SM, 1310nm, 20-50km with Digital Diagnostics	Each	Pluggables	\$1,620.00	36%	\$1,036.80	N/A	\$147.42	\$150.66	\$152.28	\$157.14	\$1,036.80	N/A	\$147.42	\$1,053.00	N/A	\$147.42

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	SFP-MR27D-LR2	SFP Multi-rate, LR2, 100-2700Mbps, SM, 1550nm, 40-112km with Digital Diagnostics	Each	Pluggables	\$1,880.00	36%	\$1,203.20	N/A	\$171.08	\$174.84	\$176.72	\$182.36	\$1,203.20	N/A	\$171.08	\$1,222.00	N/A	\$171.08
MRV Communications, Inc.	SFP-MR27D-MMX	SFP Multi-rate 100-2700Mbps, Extended MM, 1310nm, 1 km with Digital Diagnostics	Each	Pluggables	\$1,490.00	36%	\$953.60	N/A	\$135.59	\$138.57	\$140.06	\$144.53	\$953.60	N/A	\$135.59	\$968.50	N/A	\$135.59
MRV Communications, Inc.	SFP-MR27D-SR1	SFP Multi-rate SR1, 100-2700Mbps, SM, 1310nm, 0-20km with Digital Diagnostics	Each	Pluggables	\$570.00	36%	\$364.80	N/A	\$51.87	\$53.01	\$53.58	\$55.29	\$364.80	N/A	\$51.87	\$370.50	N/A	\$51.87
MRV Communications, Inc.	SFP-O12D-LR1	SFP OC-12 LR1, SM, 622Mbps, 1310nm, 20-50km, with Digital Diagnostics	Each	Pluggables	\$530.00	36%	\$339.20	N/A	\$48.23	\$49.29	\$49.82	\$51.41	\$339.20	N/A	\$48.23	\$344.50	N/A	\$48.23
MRV Communications, Inc.	SFP-O12D-LR2	SFP OC-12 LR2, SM, 622Mbps, 1550nm, 40-100km, with Digital Diagnostics	Each	Pluggables	\$850.00	36%	\$544.00	N/A	\$77.35	\$79.05	\$79.90	\$82.45	\$544.00	N/A	\$77.35	\$552.50	N/A	\$77.35
MRV Communications, Inc.	SFP-O3-IR1	SFP Fast Ethernet ELX or OC-3 IR1, SM, up to 155/200Mbps, 1310nm, 0-25km	Each	Pluggables	\$135.00	36%	\$86.40	N/A	\$12.29	\$12.56	\$12.69	\$13.10	\$86.40	N/A	\$12.29	\$87.75	N/A	\$12.29
MRV Communications, Inc.	SFP-O3-LR1	SFP Fast Ethernet EZX or OC-3 LR1, SM, up to 155Mbps, 1310nm, 20-60km	Each	Pluggables	\$175.00	36%	\$112.00	N/A	\$15.93	\$16.28	\$16.45	\$16.98	\$112.00	N/A	\$15.93	\$113.75	N/A	\$15.93
MRV Communications, Inc.	SFP-O3-M	SFP Fast Ethernet and OC-3, MM, 1310nm, 0-2km	Each	Pluggables	\$120.00	36%	\$76.80	N/A	\$10.92	\$11.16	\$11.28	\$11.64	\$76.80	N/A	\$10.92	\$78.00	N/A	\$10.92
MRV Communications, Inc.	SFP-O3D-IR1	SFP Fast Ethernet or OC-3 IR1, 155Mbps, 1310nm, 0-25km, with Digital Diagnostics	Each	Pluggables	\$165.00	36%	\$105.60	N/A	\$15.02	\$15.55	\$15.51	\$16.01	\$105.60	N/A	\$15.02	\$107.25	N/A	\$15.02
MRV Communications, Inc.	SFP-O3D-LR1	SFP Fast Ethernet XD or OC-3 LR1, SM, up to 155Mbps, 1310nm, 20-60km, with Digital Diagnostics	Each	Pluggables	\$195.00	36%	\$124.80	N/A	\$17.75	\$18.14	\$18.33	\$18.92	\$124.80	N/A	\$17.75	\$126.75	N/A	\$17.75
MRV Communications, Inc.	SFP-O3D-LR2	SFP Fast Ethernet EZX or OC-3 LR2, SM, up to 155Mbps, 1550nm, 40-116km, with Digital Diagnostics	Each	Pluggables	\$660.00	36%	\$422.40	N/A	\$60.06	\$61.38	\$62.04	\$64.02	\$422.40	N/A	\$60.06	\$429.00	N/A	\$60.06
MRV Communications, Inc.	SFP-O3D-XLR	SFP Fast Ethernet or OC-3 XLR, SM, up to 155Mbps, 1550nm, 60-170km, with Digital Diagnostics	Each	Pluggables	\$1,595.00	36%	\$1,020.80	N/A	\$145.15	\$148.34	\$149.93	\$154.72	\$1,020.80	N/A	\$145.15	\$1,036.75	N/A	\$145.15
MRV Communications, Inc.	SFP-O3D-XLR-XX	SFP Fast Ethernet or OC-3 XLR, SM CWDM (XX=Wavelength 1470-1610nm), 60-170km, CWDM with Digital Diagnostics	Each	Pluggables	\$1,595.00	36%	\$1,020.80	N/A	\$145.15	\$148.34	\$149.93	\$154.72	\$1,020.80	N/A	\$145.15	\$1,036.75	N/A	\$145.15
MRV Communications, Inc.	SFP-OC3-CX	SFP, OC3 COPPER, BIDIRECTIONAL 75 OHM W/CDR, Coax 1.0/2.3 Connector. (Use 2 cables P/N 1600125-001R Coax, 1.0/2.3 to BNC).	Each	Pluggables	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	SFP-SW10/100-R	SFP support 10/100Base-TX.	Each	Pluggables	\$450.00	36%	\$288.00	N/A	\$40.95	\$41.85	\$42.30	\$43.65	\$288.00	N/A	\$40.95	\$292.50	N/A	\$40.95
MRV Communications, Inc.	SFP-TGD-SR4	SFP 1/2/4-GFC, SM, 1310nm, 4 km at 4 GigFC and 10km at 2GigFC with Digital Diagnostics	Each	Pluggables	\$585.00	36%	\$374.40	N/A	\$53.24	\$54.41	\$54.99	\$56.75	\$374.40	N/A	\$53.24	\$380.25	N/A	\$53.24
MRV Communications, Inc.	SFP-TGD-SX	SFP Triple Rate 1/2.1/4.2 Gbps SX, or 1000Base-SX GigE, MM, 850nm, 0-550m, with Digital Diagnostics	Each	Pluggables	\$168.00	36%	\$107.52	N/A	\$15.29	\$15.62	\$15.79	\$16.30	\$107.52	N/A	\$15.29	\$109.20	N/A	\$15.29
MRV Communications, Inc.	SFP27DCWEIR-XX	SFP Multi-rate EIR, 100-2700Mbps, SM CWDM (XX=Wavelength 1270-1610nm), 20-60 km, with Digital Diagnostics	Each	Pluggables	\$1,595.00	36%	\$1,020.80	N/A	\$145.15	\$148.34	\$149.93	\$154.72	\$1,020.80	N/A	\$145.15	\$1,036.75	N/A	\$145.15

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price  
 > NYS OGS: PT61515

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 > MHEC: MC10-F05

Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	SFP27DWLR08-XX	SFP Multi-Rate LR, 100-2700Mbps, SM DWDM (XX=ITU C-Band Channels 17-60 for 100 GHz), 80km, with Digital Diagnostics.	Each	Pluggables	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	SFP27DWLR12-XX	SFP Multi-Rate LR, 100-2700Mbps, SM DWDM (XX=ITU C-Band Channel 17 for 100 GHz), Dispersion spec'd for 120km, with Digital Diagnostics. For distance calculation please see datasheet.	Each	Pluggables	\$4,195.00	36%	\$2,684.80	N/A	\$381.75	\$390.14	\$394.33	\$406.92	\$2,684.80	N/A	\$381.75	\$2,726.75	N/A	\$381.75
MRV Communications, Inc.	SFP27DWLR20-XX	SFP Multi-Rate LR, 100-2700Mbps, SM DWDM (XX=ITU C-Band Channel 17 for 100 GHz), Dispersion spec'd for 200km, with Digital Diagnostics. For distance calculation please see datasheet.	Each	Pluggables	\$4,400.00	36%	\$2,816.00	N/A	\$400.40	\$409.20	\$413.60	\$426.80	\$2,816.00	N/A	\$400.40	\$2,860.00	N/A	\$400.40
MRV Communications, Inc.	SFP3MRHDSDI-RX	Unidirectional Digital Video SFP Dual Speed SDI(270Mbps)/ HD-SDI(1.485Gbps/1.001 Gbps) NTSC RX Only.	Each	Pluggables	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	SFP3MRHDSDI-TX	Unidirectional Digital Video SFP Dual Speed SDI(270Mbps)/ HD-SDI(1.485 Gbps/1.001Gbps) NTSC TX Only.	Each	Pluggables	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	SFP5MRHDSDI-RX	Unidirectional Digital Video SFP Dual Speed SDI(270Mbps)/ HD-SDI(1.485 Gbps) PAL/SECAM RX Only.	Each	Pluggables	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	SFP5MRHDSDI-TX	Unidirectional Digital Video SFP Dual Speed SDI(270Mbps)/ HD-SDI(1.485 Gbps) PAL/SECAM TX Only.	Each	Pluggables	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	SFPFC401	SFP 1/2/4-GFC, SM, 1310nm, 10 km with Digital Diagnostics.	Each	Pluggables	\$750.00	36%	\$480.00	N/A	\$68.25	\$69.75	\$70.50	\$72.75	\$480.00	N/A	\$68.25	\$487.50	N/A	\$68.25
MRV Communications, Inc.	SFPFC404	SFP 1/2/4-GFC, SM, 1550nm, 40 km with Digital Diagnostics.	Each	Pluggables	\$1,195.00	36%	\$764.80	N/A	\$108.75	\$111.14	\$112.33	\$115.92	\$764.80	N/A	\$108.75	\$776.75	N/A	\$108.75
MRV Communications, Inc.	SFPFC408	SFP 1/2/4-GFC, SM, 1550nm, 80 km with Digital Diagnostics.	Each	Pluggables	\$1,795.00	36%	\$1,148.80	N/A	\$163.35	\$166.94	\$168.73	\$174.12	\$1,148.80	N/A	\$163.35	\$1,166.75	N/A	\$163.35
MRV Communications, Inc.	SFPFC4CW01-XX	SFP 1/2/4 Gig FC CWDM 10 Km. (XX= Channels 1270-1610nm).	Each	Pluggables	\$1,150.00	36%	\$736.00	N/A	\$104.65	\$106.95	\$108.10	\$111.55	\$736.00	N/A	\$104.65	\$747.50	N/A	\$104.65
MRV Communications, Inc.	SFPFC4CW04-XX	SFP 1/2/4 Gig FC CWDM 40 Km. (XX= Channels 1270-1610nm).	Each	Pluggables	\$1,545.00	36%	\$988.80	N/A	\$140.60	\$143.69	\$145.23	\$149.87	\$988.80	N/A	\$140.60	\$1,004.25	N/A	\$140.60
MRV Communications, Inc.	SFPFC4CW08-XX	SFP 1/2/4 Gig FC CWDM 80 Km. (XX= Channels 1270-1610nm).	Each	Pluggables	\$2,345.00	36%	\$1,500.80	N/A	\$213.40	\$218.09	\$220.43	\$227.47	\$1,500.80	N/A	\$213.40	\$1,524.25	N/A	\$213.40
MRV Communications, Inc.	SFPFC4DW01-XX	SFP 1/2/4 Gig FC and 1 GE DWDM 100 GHz. (XX=ITU Channels 21-60).	Each	Pluggables	\$3,200.00	36%	\$2,048.00	N/A	\$291.20	\$297.60	\$300.80	\$310.40	\$2,048.00	N/A	\$291.20	\$2,080.00	N/A	\$291.20
MRV Communications, Inc.	SFPFC4DW04-XX	SFP 1/2/4 Gig FC and 1 GE DWDM 40 Km. 100 GHz. (XX=ITU Channels 17-60).	Each	Pluggables	\$4,200.00	36%	\$2,688.00	N/A	\$382.20	\$390.60	\$394.80	\$407.40	\$2,688.00	N/A	\$382.20	\$2,730.00	N/A	\$382.20
MRV Communications, Inc.	SFPFC4DW08-XX	SFP 1/2/4 Gig FC and 1 GE DWDM 80 Km. 100 GHz. (XX=ITU Channels 17-60).	Each	Pluggables	\$4,750.00	36%	\$3,040.00	N/A	\$432.25	\$441.75	\$446.50	\$460.75	\$3,040.00	N/A	\$432.25	\$3,087.50	N/A	\$432.25
MRV Communications, Inc.	XEN-10G-ER	Xenpak optics, 10 GE, ER, 1550 nm, SC Dual connector.	Each	Pluggables	\$9,155.00	36%	\$5,859.20	N/A	\$833.11	\$851.42	\$860.57	\$888.04	\$5,859.20	N/A	\$833.11	\$5,950.75	N/A	\$833.11
MRV Communications, Inc.	XEN-10G-LR	Xenpak optics, 10GE, LR, 1310nm, SC-Dual connector	Each	Pluggables	\$5,245.00	36%	\$3,356.80	N/A	\$477.30	\$487.79	\$493.03	\$508.77	\$3,356.80	N/A	\$477.30	\$3,409.25	N/A	\$477.30

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MRV Communications, Inc.	XEN-10G-SR	Xenpak Optics, 10 GE, SR, 850nm, SC-Dual connector	Each	Pluggables	\$3,225.00	36%	\$2,064.00	N/A	\$293.48	\$299.93	\$303.15	\$312.83	\$2,064.00	N/A	\$293.48	\$2,096.25	N/A	\$293.48
MRV Communications, Inc.	XFP-10GD-IR04P	OC192/STM-64, 10GE or 10G FC, SM, 1550nm, 40km, with Digital Diagnostics. See specific 10G host module datasheets regarding their compatibility with specific XFPs and various data protocols.	Each	Pluggables	\$5,495.00	36%	\$3,516.80	N/A	\$500.05	\$511.04	\$516.53	\$533.02	\$3,516.80	N/A	\$500.05	\$3,571.75	N/A	\$500.05
MRV Communications, Inc.	XFP-10GD-IR2	OC192/STM-64, 10GE or 10G FC, SM, 1550nm, 40km, with Digital Diagnostics.	Each	Pluggables	\$5,495.00	36%	\$3,516.80	N/A	\$500.05	\$511.04	\$516.53	\$533.02	\$3,516.80	N/A	\$500.05	\$3,571.75	N/A	\$500.05
MRV Communications, Inc.	XFP-10GD-LR	XFP OC192/STM-64, 10GE or 10G FC, SM, 1310nm, 10km, with Digital Diagnostics.	Each	Pluggables	\$1,900.00	36%	\$1,216.00	N/A	\$172.90	\$176.70	\$178.60	\$184.30	\$1,216.00	N/A	\$172.90	\$1,235.00	N/A	\$172.90
MRV Communications, Inc.	XFP-10GD-LR08P	OC192/STM-64, 10GE or 10G FC, SM, 1550nm, 80km, with Digital Diagnostics. See specific 10G host module datasheets regarding their compatibility with specific XFPs and various data protocols.	Each	Pluggables	\$8,495.00	36%	\$5,436.80	N/A	\$773.05	\$790.04	\$798.53	\$824.02	\$5,436.80	N/A	\$773.05	\$5,521.75	N/A	\$773.05
MRV Communications, Inc.	XFP-10GD-LR12P	XFP OC192/STM-64, 10GE or 10G FC, SM, 1550nm, Dispersion spec'd for 120km, with Digital Diagnostics. For distance calculation please see datasheet. See specific 10G host module datasheets regarding their compatibility with specific XFPs and various data p	Each	Pluggables	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	XFP-10GD-LR2	OC192/STM-64, 10GE or 10G FC, SM, 1550nm, 80km, with Digital Diagnostics.	Each	Pluggables	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	XFP-10GD-MMX	XFP 10-GbE, or 10GFC, Extended MM, 1310nm, 500m with Digital Diagnostics.	Each	Pluggables	\$2,575.00	36%	\$1,648.00	N/A	\$234.33	\$239.48	\$242.05	\$249.78	\$1,648.00	N/A	\$234.33	\$1,673.75	N/A	\$234.33
MRV Communications, Inc.	XFP-10GD-SX	XFP 10-GbE, or 10GFC, MM, 850nm, 300M with Digital Diagnostics	Each	Pluggables	\$1,580.00	36%	\$1,011.20	N/A	\$143.78	\$146.94	\$148.52	\$153.26	\$1,011.20	N/A	\$143.78	\$1,027.00	N/A	\$143.78
MRV Communications, Inc.	XFP-10GED-SX	XFP 10-GigEthernet, MM, 850nm, 300M with Digital Diagnostics.	Each	Pluggables	\$1,050.00	36%	\$672.00	N/A	\$95.55	\$97.65	\$98.70	\$101.85	\$672.00	N/A	\$95.55	\$682.50	N/A	\$95.55
MRV Communications, Inc.	XFP-CX4	10GBase-CX4 Copper Transceiver, compliant per IEEE 802.3ak. Reaches 15 meters.	Each	Pluggables	\$1,195.00	36%	\$764.80	N/A	\$108.75	\$111.14	\$112.33	\$115.92	\$764.80	N/A	\$108.75	\$776.75	N/A	\$108.75
MRV Communications, Inc.	XFP-DWIR04P-XX	OC192/STM-64, 10GE or 10G FC, SM DWDM (XX + ITU C-Band Channels 17-61 for 100 GHz), 40 km, with Digital Diagnostics. See specific 10G host module datasheets regarding their compatibility with specific XFPs and various data protocols.	Each	Pluggables	\$7,995.00	36%	\$5,116.80	N/A	\$727.55	\$743.54	\$751.53	\$775.52	\$5,116.80	N/A	\$727.55	\$5,196.75	N/A	\$727.55
MRV Communications, Inc.	XFP-DWIR204-XX	OC192/STM-64, 10GE or 10G FC, SM, SM DWDM (XX + ITU C-Band Channels 17-60 for 100 GHz), 40 km, with Digital Diagnostics	Each	Pluggables	\$9,750.00	36%	\$6,240.00	N/A	\$887.25	\$906.75	\$916.50	\$945.75	\$6,240.00	N/A	\$887.25	\$6,337.50	N/A	\$887.25

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	XFP-DWLR08-XX	OC192/STM-64, 10GE or 10G FC, SM, SM DWDM (XX + ITU C-Band Channels 17-61 for 100 GHz), 80 km, with Digital Diagnostics.	Each	Pluggables	\$12,406.00	36%	\$7,939.84	N/A	\$1,128.95	\$1,153.76	\$1,166.16	\$1,203.38	\$7,939.84	N/A	\$1,128.95	\$8,063.90	N/A	\$1,128.95
MRV Communications, Inc.	XFP-DWLR08P-XX	OC192/STM-64, 10GE or 10G FC, SM DWDM (XX + ITU C-Band Channels 17-61 for 100 GHz), 80 km, with Digital Diagnostics. See specific 10G host module datasheets regarding their compatibility with specific XFPs and various data protocols.	Each	Pluggables	\$10,495.00	36%	\$6,716.80	N/A	\$955.05	\$976.04	\$986.53	\$1,018.02	\$6,716.80	N/A	\$955.05	\$6,821.75	N/A	\$955.05
MRV Communications, Inc.	XFP-DWLR12P-XX	OC192/STM-64, 10GE or 10G FC, SM DWDM (XX + ITU C-Band Channels 17-61 for 100 GHz), 120 km, with Digital Diagnostics. See specific 10G host module datasheets regarding their compatibility with specific XFPs and various data protocols.	Each	Pluggables	\$12,495.00	36%	\$7,996.80	N/A	\$1,137.05	\$1,162.04	\$1,174.53	\$1,212.02	\$7,996.80	N/A	\$1,137.05	\$8,121.75	N/A	\$1,137.05
MRV Communications, Inc.	ES-CSIH-FD	Customer training course, Fiber Driver Products.	Each	Training - America	\$1,500.00	10%	\$1,350.00	N/A	N/A	N/A	N/A	N/A	\$1,350.00	N/A	\$136.50	\$1,350.00	N/A	\$136.50
MRV Communications, Inc.	ES-CSIH-LD	Customer training course, LambdaDriver Products.	Each	Training - America	\$1,500.00	10%	\$1,350.00	N/A	N/A	N/A	N/A	N/A	\$1,350.00	N/A	\$136.50	\$1,350.00	N/A	\$136.50
MRV Communications, Inc.	ES-CSIH-MC	Customer training course, Media Cross Connect Products.	Each	Training - America	\$900.00	10%	\$810.00	N/A	N/A	N/A	N/A	N/A	\$810.00	N/A	\$81.90	\$810.00	N/A	\$81.90
MRV Communications, Inc.	ES-CSIH-MV	Customer training course, Megavision Products.	Each	Training - America	\$900.00	10%	\$810.00	N/A	N/A	N/A	N/A	N/A	\$810.00	N/A	\$81.90	\$810.00	N/A	\$81.90
MRV Communications, Inc.	ES-CSIH-OB	Customer training course, Out of Band Networking and Power Management Products.	Each	Training - America	\$1,800.00	10%	\$1,620.00	N/A	N/A	N/A	N/A	N/A	\$1,620.00	N/A	\$163.80	\$1,620.00	N/A	\$163.80
MRV Communications, Inc.	ES-CSOS-CU	Customer training course, custom designed. Cost: Individually priced.	Each	Training - America	\$0.00	10%	\$0.00	N/A	N/A	N/A	N/A	N/A	\$0.00	N/A	\$0.00	\$0.00	N/A	\$0.00
MRV Communications, Inc.	ES-CSOS-FD	Customer training course, Fiber Driver Products, Onsite.	Each	Training - America	\$6,000.00	10%	\$5,400.00	N/A	N/A	N/A	N/A	N/A	\$5,400.00	N/A	\$546.00	\$5,400.00	N/A	\$546.00
MRV Communications, Inc.	ES-CSOS-LD	Customer training course, LambdaDriver Products, Onsite.	Each	Training - America	\$6,000.00	10%	\$5,400.00	N/A	N/A	N/A	N/A	N/A	\$5,400.00	N/A	\$546.00	\$5,400.00	N/A	\$546.00
MRV Communications, Inc.	ES-CSOS-MC	Customer training course, Media Cross Connect Products, Onsite.	Each	Training - America	\$3,500.00	10%	\$3,150.00	N/A	N/A	N/A	N/A	N/A	\$3,150.00	N/A	\$318.50	\$3,150.00	N/A	\$318.50
MRV Communications, Inc.	ES-CSOS-MV	Customer training course, Megavision Products, Onsite.	Each	Training - America	\$3,500.00	10%	\$3,150.00	N/A	N/A	N/A	N/A	N/A	\$3,150.00	N/A	\$318.50	\$3,150.00	N/A	\$318.50
MRV Communications, Inc.	ES-CSOS-OB	Customer training course, Out of Band Networking and Power Management Products, Onsite.	Each	Training - America	\$7,500.00	10%	\$6,750.00	N/A	N/A	N/A	N/A	N/A	\$6,750.00	N/A	\$682.50	\$6,750.00	N/A	\$682.50
MRV Communications, Inc.	10600120-0002	MU to LC 12" SM Cables for Passive Mux/DeMux	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	10600120-0003	MU to SC 12" SM Cables for Passive Mux/DeMux	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	10600120-0005R	MU to LC 3 meters/yards SM Cables for Passive Mux/DeMux.	Each	WDM Solutions	\$99.00	36%	\$63.36	N/A	\$9.01	\$9.21	\$9.31	\$9.60	\$63.36	N/A	\$9.01	\$64.35	N/A	\$9.01
MRV Communications, Inc.	A6CDxx	1 wavelengths CWDM DF OADM module for LD1600	Each	WDM Solutions	\$1,195.00	36%	\$764.80	N/A	\$108.75	\$111.14	\$112.33	\$115.92	\$764.80	N/A	\$108.75	\$776.75	N/A	\$108.75
MRV Communications, Inc.	A6CDxx/yy	2 wavelengths CWDM DF OADM module for LD1600	Each	WDM Solutions	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	A6CDxx/yy/zz	3 wavelengths CWDM DF OADM module for LD1600	Each	WDM Solutions	\$2,595.00	36%	\$1,660.80	N/A	\$236.15	\$241.34	\$243.93	\$251.72	\$1,660.80	N/A	\$236.15	\$1,686.75	N/A	\$236.15
MRV Communications, Inc.	A6CDxx/yy/zz/ww	4 wavelengths CWDM DF OADM module for LD1600	Each	WDM Solutions	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price  
 > NYS OGS: PT61515

Used to determine Reasonableness of Price  
 > MHEC: MC10-F05

Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	A6Cxx	1 wavelengths CWDM SF OADM module for LD1600	Each	WDM Solutions	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	A6Cxx/yy	2 wavelengths CWDM SF OADM module for LD1600	Each	WDM Solutions	\$1,795.00	36%	\$1,148.80	N/A	\$163.35	\$166.94	\$168.73	\$174.12	\$1,148.80	N/A	\$163.35	\$1,166.75	N/A	\$163.35
MRV Communications, Inc.	A6Cxx/yy/zz	3 wavelengths CWDM SF OADM module for LD1600	Each	WDM Solutions	\$2,495.00	36%	\$1,596.80	N/A	\$227.05	\$232.04	\$234.53	\$242.02	\$1,596.80	N/A	\$227.05	\$1,621.75	N/A	\$227.05
MRV Communications, Inc.	A6Cxx/yy/zz/ww	4 wavelengths CWDM SF OADM module for LD1600	Each	WDM Solutions	\$3,395.00	36%	\$2,172.80	N/A	\$308.95	\$315.74	\$319.13	\$329.32	\$2,172.80	N/A	\$308.95	\$2,206.75	N/A	\$308.95
MRV Communications, Inc.	A6DD8xx	8 Sequential wavelengths DWDM DF OADM module for LD1600 with xx=starting channel (xx=20,28,36,44,52,21,29,37,45,53) with Express port.	Each	WDM Solutions	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	A6DDxx	1 wavelengths DWDM DF OADM module for LD1600	Each	WDM Solutions	\$1,795.00	36%	\$1,148.80	N/A	\$163.35	\$166.94	\$168.73	\$174.12	\$1,148.80	N/A	\$163.35	\$1,166.75	N/A	\$163.35
MRV Communications, Inc.	A6DDxx/yy	2 wavelengths DWDM DF OADM module for LD1600	Each	WDM Solutions	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	A6DDxx/yy/zz	3 wavelengths DWDM DF OADM module for LD1600	Each	WDM Solutions	\$4,995.00	36%	\$3,196.80	N/A	\$454.55	\$464.54	\$469.53	\$484.52	\$3,196.80	N/A	\$454.55	\$3,246.75	N/A	\$454.55
MRV Communications, Inc.	A6DDxx/yy/zz/ww	4 wavelengths DWDM DF OADM module for LD1600	Each	WDM Solutions	\$6,295.00	36%	\$4,028.80	N/A	\$572.85	\$585.44	\$591.73	\$610.62	\$4,028.80	N/A	\$572.85	\$4,091.75	N/A	\$572.85
MRV Communications, Inc.	A6Dxx	1 wavelengths DWDM SF OADM module for LD1600	Each	WDM Solutions	\$1,695.00	36%	\$1,084.80	N/A	\$154.25	\$157.64	\$159.33	\$164.42	\$1,084.80	N/A	\$154.25	\$1,101.75	N/A	\$154.25
MRV Communications, Inc.	A6Dxx/yy	2 wavelengths DWDM SF OADM module for LD1600	Each	WDM Solutions	\$3,395.00	36%	\$2,172.80	N/A	\$308.95	\$315.74	\$319.13	\$329.32	\$2,172.80	N/A	\$308.95	\$2,206.75	N/A	\$308.95
MRV Communications, Inc.	A6Dxx/yy/zz	3 wavelengths DWDM SF OADM module for LD1600	Each	WDM Solutions	\$4,895.00	36%	\$3,132.80	N/A	\$445.45	\$455.24	\$460.13	\$474.82	\$3,132.80	N/A	\$445.45	\$3,181.75	N/A	\$445.45
MRV Communications, Inc.	A6Dxx/yy/zz/ww	4 wavelengths DWDM SF OADM module for LD1600	Each	WDM Solutions	\$6,195.00	36%	\$3,964.80	N/A	\$563.75	\$576.14	\$582.33	\$600.92	\$3,964.80	N/A	\$563.75	\$4,026.75	N/A	\$563.75
MRV Communications, Inc.	ADCxx	1 wavelengths CWDM DF OADM module for LD800	Each	WDM Solutions	\$1,195.00	36%	\$764.80	N/A	\$108.75	\$111.14	\$112.33	\$115.92	\$764.80	N/A	\$108.75	\$776.75	N/A	\$108.75
MRV Communications, Inc.	ADCxx/yy	2 wavelengths CWDM DF OADM module for LD800	Each	WDM Solutions	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	ADCxx/yy/zz	3 wavelengths CWDM DF OADM module for LD800	Each	WDM Solutions	\$2,595.00	36%	\$1,660.80	N/A	\$236.15	\$241.34	\$243.93	\$251.72	\$1,660.80	N/A	\$236.15	\$1,686.75	N/A	\$236.15
MRV Communications, Inc.	ADCxx/yy/zz/ww	4 wavelengths CWDM DF OADM module for LD800	Each	WDM Solutions	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	ADCP-XX	Single channel DSC Pluggable OADM at xx CWDM wavelength with SC connectors.	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	ADCxx	1 wavelengths CWDM SF OADM module for LD800	Each	WDM Solutions	\$1,095.00	36%	\$700.80	N/A	\$99.65	\$101.84	\$102.93	\$106.22	\$700.80	N/A	\$99.65	\$711.75	N/A	\$99.65
MRV Communications, Inc.	ADCxx/yy	2 wavelengths CWDM SF OADM module for LD800	Each	WDM Solutions	\$1,795.00	36%	\$1,148.80	N/A	\$163.35	\$166.94	\$168.73	\$174.12	\$1,148.80	N/A	\$163.35	\$1,166.75	N/A	\$163.35
MRV Communications, Inc.	ADCxx/yy/zz	3 wavelengths CWDM SF OADM module for LD800	Each	WDM Solutions	\$2,495.00	36%	\$1,596.80	N/A	\$227.05	\$232.04	\$234.53	\$242.02	\$1,596.80	N/A	\$227.05	\$1,621.75	N/A	\$227.05
MRV Communications, Inc.	ADCxx/yy/zz/ww	4 wavelengths CWDM SF OADM module for LD800	Each	WDM Solutions	\$3,395.00	36%	\$2,172.80	N/A	\$308.95	\$315.74	\$319.13	\$329.32	\$2,172.80	N/A	\$308.95	\$2,206.75	N/A	\$308.95
MRV Communications, Inc.	ADDD8xx	8 Sequential wavelengths DWDM DF OADM module for LD800 with xx=starting channel (xx=20,28,36,44,52,21,29,37,45,53) with Express port.	Each	WDM Solutions	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	ADDDxx	1 wavelengths DWDM DF OADM module for LD800	Each	WDM Solutions	\$1,795.00	36%	\$1,148.80	N/A	\$163.35	\$166.94	\$168.73	\$174.12	\$1,148.80	N/A	\$163.35	\$1,166.75	N/A	\$163.35
MRV Communications, Inc.	ADDDxx/yy	2 wavelengths DWDM DF OADM module for LD800	Each	WDM Solutions	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	ADDDxx/yy/zz	3 wavelengths DWDM DF OADM module for LD800	Each	WDM Solutions	\$4,995.00	36%	\$3,196.80	N/A	\$454.55	\$464.54	\$469.53	\$484.52	\$3,196.80	N/A	\$454.55	\$3,246.75	N/A	\$454.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	ADDDxx/yy/zz/ww	4 wavelengths DWDM DF OADM module for LD800	Each	WDM Solutions	\$6,295.00	36%	\$4,028.80	N/A	\$572.85	\$585.44	\$591.73	\$610.62	\$4,028.80	N/A	\$572.85	\$4,091.75	N/A	\$572.85
MRV Communications, Inc.	ADDxx	1 wavelength DWDM SF OADM module for LD800	Each	WDM Solutions	\$1,695.00	36%	\$1,084.80	N/A	\$154.25	\$157.64	\$159.33	\$164.42	\$1,084.80	N/A	\$154.25	\$1,101.75	N/A	\$154.25
MRV Communications, Inc.	ADDxx/yy	2 wavelengths DWDM SF OADM module for LD800	Each	WDM Solutions	\$3,395.00	36%	\$2,172.80	N/A	\$308.95	\$315.74	\$319.13	\$329.32	\$2,172.80	N/A	\$308.95	\$2,206.75	N/A	\$308.95
MRV Communications, Inc.	ADDxx/yy/zz	3 wavelengths DWDM SF OADM module for LD800	Each	WDM Solutions	\$4,895.00	36%	\$3,132.80	N/A	\$445.45	\$455.24	\$460.13	\$474.82	\$3,132.80	N/A	\$445.45	\$3,181.75	N/A	\$445.45
MRV Communications, Inc.	ADDxx/yy/zz/ww	4 wavelengths DWDM SF OADM module for LD800	Each	WDM Solutions	\$6,195.00	36%	\$3,964.80	N/A	\$563.75	\$576.14	\$582.33	\$600.92	\$3,964.80	N/A	\$563.75	\$4,026.75	N/A	\$563.75
MRV Communications, Inc.	ADF-E2/APC	F/O Female adapter for E2000/APC, SM.	Each	WDM Solutions	\$200.00	36%	\$128.00	N/A	\$18.20	\$18.60	\$18.80	\$19.40	\$128.00	N/A	\$18.20	\$130.00	N/A	\$18.20
MRV Communications, Inc.	AT-10LC/LC	10dB attenuator UPC LC/LC connectors	Each	WDM Solutions	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	AT-10SC/SC	10dB attenuator UPC SC/SC connectors	Each	WDM Solutions	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	AT-15LC/LC	15dB attenuator UPC LC/LC connectors	Each	WDM Solutions	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	AT-15SC/SC	15dB attenuator UPC SC/SC connectors	Each	WDM Solutions	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	AT-20LC/LC	20dB attenuator UPC LC/LC connectors	Each	WDM Solutions	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	AT-20SC/SC	20dB attenuator UPC SC/SC connectors	Each	WDM Solutions	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	AT-5LC/LC	5dB attenuator UPC LC/LC connector	Each	WDM Solutions	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	AT-5SC/SC	5dB attenuator UPC SC/SC connectors	Each	WDM Solutions	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28
MRV Communications, Inc.	AT-T35SC/SC	Tunable attenuator 1.5-35dB UPC SC/SC connectors	Each	WDM Solutions	\$170.00	36%	\$108.80	N/A	\$15.47	\$15.81	\$15.98	\$16.49	\$108.80	N/A	\$15.47	\$110.50	N/A	\$15.47
MRV Communications, Inc.	ATK-10MU/MU	10dB attenuator Kit with MU/MU jumper and adapter (AD-SMD-MU/MU+AT-10MU/MU + CA-SMS-MU/MU-06).	Each	WDM Solutions	\$155.00	36%	\$99.20	N/A	\$14.11	\$14.42	\$14.57	\$15.04	\$99.20	N/A	\$14.11	\$100.75	N/A	\$14.11
MRV Communications, Inc.	ATK-15MU/MU	15dB attenuator Kit with MU/MU jumper and adapter (AD-SMD-MU/MU+AT-15MU/MU + CA-SMS-MU/MU-06).	Each	WDM Solutions	\$155.00	36%	\$99.20	N/A	\$14.11	\$14.42	\$14.57	\$15.04	\$99.20	N/A	\$14.11	\$100.75	N/A	\$14.11
MRV Communications, Inc.	ATK-20MU/MU	20dB attenuator Kit with MU/MU jumper and adapter (AD-SMD-MU/MU+AT-20MU/MU + CA-SMS-MU/MU-06).	Each	WDM Solutions	\$155.00	36%	\$99.20	N/A	\$14.11	\$14.42	\$14.57	\$15.04	\$99.20	N/A	\$14.11	\$100.75	N/A	\$14.11
MRV Communications, Inc.	ATK-5MU/MU	5dB attenuator Kit with MU/MU jumper and adapter (AD-SMD-MU/MU+AT-5MU/MU + CA-SMS-MU/MU-06).	Each	WDM Solutions	\$155.00	36%	\$99.20	N/A	\$14.11	\$14.42	\$14.57	\$15.04	\$99.20	N/A	\$14.11	\$100.75	N/A	\$14.11
MRV Communications, Inc.	B4OADMxx	Single Band 4 100Ghz channels starting with xx Banded OADM. (xx=21,26,31,36).	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	BS21/26/31/36	4 bands DWDM Band Splitter (ch#21,26,31,36) module for LD800	Each	WDM Solutions	\$4,595.00	36%	\$2,940.80	N/A	\$418.15	\$427.34	\$431.93	\$445.72	\$2,940.80	N/A	\$418.15	\$2,986.75	N/A	\$418.15
MRV Communications, Inc.	CA-DB9-RJ45-01	UTP Category 5 cable with RJ-45 (male) and DB9 (female) connectors, 100 cm.	Each	WDM Solutions	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	CA-MM6S-MU/MU-06	F/O cable MU-MU 65 cm, MM 62.5/125	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price  
 > NYS OGS: PT61515

Used to determine Reasonableness of Price  
 > MHEC: MC10-F05

Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	CA-MMY-LC/LC-1	F/O Y cable LC to LC 1 m, MM 62.5/125	Each	WDM Solutions	\$130.00	36%	\$83.20	N/A	\$11.83	\$12.09	\$12.22	\$12.61	\$83.20	N/A	\$11.83	\$84.50	N/A	\$11.83
MRV Communications, Inc.	CA-MMY-LC/SC-1	F/O Y cable LC to SC 1 m, MM 62.5/125	Each	WDM Solutions	\$130.00	36%	\$83.20	N/A	\$11.83	\$12.09	\$12.22	\$12.61	\$83.20	N/A	\$11.83	\$84.50	N/A	\$11.83
MRV Communications, Inc.	CA-MMY-SC/SC-1	F/O Y cable SC to SC 1 m, MM 62.5/125	Each	WDM Solutions	\$150.00	36%	\$96.00	N/A	\$13.65	\$13.95	\$14.10	\$14.55	\$96.00	N/A	\$13.65	\$97.50	N/A	\$13.65
MRV Communications, Inc.	CA-RJ48-4-05	UTP cable with 4 RJ-48 connectors, Use with EM2009-E8GEM module with 0.5m length.	Each	WDM Solutions	\$180.00	36%	\$115.20	N/A	\$16.38	\$16.74	\$16.92	\$17.46	\$115.20	N/A	\$16.38	\$117.00	N/A	\$16.38
MRV Communications, Inc.	CA-RJ48-4-2	UTP cable with 4 RJ-48 connectors, Use with EM2009-E8GEM module with 2m length.	Each	WDM Solutions	\$180.00	36%	\$115.20	N/A	\$16.38	\$16.74	\$16.92	\$17.46	\$115.20	N/A	\$16.38	\$117.00	N/A	\$16.38
MRV Communications, Inc.	CA-RJ48-4-RJ-05	UTP cable with 4 RJ-48 connectors and one RJ45 (Serial port), Use with EM2009-E8GEM module with 0.5m length.	Each	WDM Solutions	\$180.00	36%	\$115.20	N/A	\$16.38	\$16.74	\$16.92	\$17.46	\$115.20	N/A	\$16.38	\$117.00	N/A	\$16.38
MRV Communications, Inc.	CA-RJ48-4-RJ-2	UTP cable with 4 RJ-48 connectors and one RJ45 (Serial port), Use with EM2009-E8GEM module with 2m length.	Each	WDM Solutions	\$180.00	36%	\$115.20	N/A	\$16.38	\$16.74	\$16.92	\$17.46	\$115.20	N/A	\$16.38	\$117.00	N/A	\$16.38
MRV Communications, Inc.	CA-S-E2/E2/AP-2	F/O cable E2000/APC-E2000/APC 2 m, SM.	Each	WDM Solutions	\$250.00	36%	\$160.00	N/A	\$22.75	\$23.25	\$23.50	\$24.25	\$160.00	N/A	\$22.75	\$162.50	N/A	\$22.75
MRV Communications, Inc.	CA-S-E2/E2/AP-5	F/O cable E2000/APC-E2000/APC 5 m, SM.	Each	WDM Solutions	\$250.00	36%	\$160.00	N/A	\$22.75	\$23.25	\$23.50	\$24.25	\$160.00	N/A	\$22.75	\$162.50	N/A	\$22.75
MRV Communications, Inc.	CA-S-SC/SC/AP-1	F/O cable SC/UPC-SC/APC 1 m, SM	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMD-SC/SC-5	Duplex F/O cable SC-SC, 5m, SM	Each	WDM Solutions	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	CA-SMS-E2/AP-2	F/O cable with E2000/APC on one side 2 m, SM.	Each	WDM Solutions	\$200.00	36%	\$128.00	N/A	\$18.20	\$18.60	\$18.80	\$19.40	\$128.00	N/A	\$18.20	\$130.00	N/A	\$18.20
MRV Communications, Inc.	CA-SMS-E2/SA-10	F/O cable with E2000/APC and SC/APC 10 m, SM.	Each	WDM Solutions	\$250.00	36%	\$160.00	N/A	\$22.75	\$23.25	\$23.50	\$24.25	\$160.00	N/A	\$22.75	\$162.50	N/A	\$22.75
MRV Communications, Inc.	CA-SMS-E2/SCA-2	F/O cable with E2000/APC and SC/APC 2 m, SM.	Each	WDM Solutions	\$250.00	36%	\$160.00	N/A	\$22.75	\$23.25	\$23.50	\$24.25	\$160.00	N/A	\$22.75	\$162.50	N/A	\$22.75
MRV Communications, Inc.	CA-SMS-E2/SCA-5	F/O cable with E2000/APC and SC/APC 5 m, SM.	Each	WDM Solutions	\$250.00	36%	\$160.00	N/A	\$22.75	\$23.25	\$23.50	\$24.25	\$160.00	N/A	\$22.75	\$162.50	N/A	\$22.75
MRV Communications, Inc.	CA-SMS-LC/LC-06	F/O cable LC-LC 65 cm, SM	Each	WDM Solutions	\$65.00	36%	\$41.60	N/A	\$5.92	\$6.05	\$6.11	\$6.31	\$41.60	N/A	\$5.92	\$42.25	N/A	\$5.92
MRV Communications, Inc.	CA-SMS-LC/LC-1	F/O cable LC-LC 1 m, SM.	Each	WDM Solutions	\$65.00	36%	\$41.60	N/A	\$5.92	\$6.05	\$6.11	\$6.31	\$41.60	N/A	\$5.92	\$42.25	N/A	\$5.92
MRV Communications, Inc.	CA-SMS-LC/LC-5	F/O cable LC-LC 5 m, SM.	Each	WDM Solutions	\$65.00	36%	\$41.60	N/A	\$5.92	\$6.05	\$6.11	\$6.31	\$41.60	N/A	\$5.92	\$42.25	N/A	\$5.92
MRV Communications, Inc.	CA-SMS-LC/MU-06	F/O cable LC-MU 65 cm, SM	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-LC/MU-1	F/O cable LC-MU 1 m, SM	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-LC/MU-5	F/O cable LC-MU 5 m, SM	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-LC/SC-5	F/O cable LC-SC 5 m, SM	Each	WDM Solutions	\$65.00	36%	\$41.60	N/A	\$5.92	\$6.05	\$6.11	\$6.31	\$41.60	N/A	\$5.92	\$42.25	N/A	\$5.92
MRV Communications, Inc.	CA-SMS-MPO-2	F/O cable MPO to MPO 2 m, SM.	Each	WDM Solutions	\$400.00	36%	\$256.00	N/A	\$36.40	\$37.20	\$37.60	\$38.80	\$256.00	N/A	\$36.40	\$260.00	N/A	\$36.40
MRV Communications, Inc.	CA-SMS-MPO/LC-1	F/O cable MPO to 10 LC 1 m, SM.	Each	WDM Solutions	\$500.00	36%	\$320.00	N/A	\$45.50	\$46.50	\$47.00	\$48.50	\$320.00	N/A	\$45.50	\$325.00	N/A	\$45.50
MRV Communications, Inc.	CA-SMS-MPO/MU-1	F/O cable MPO to 10 MU 1 m, SM.	Each	WDM Solutions	\$500.00	36%	\$320.00	N/A	\$45.50	\$46.50	\$47.00	\$48.50	\$320.00	N/A	\$45.50	\$325.00	N/A	\$45.50
MRV Communications, Inc.	CA-SMS-MU/MU-06	F/O cable MU-MU 65 cm, SM	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-MU/MU-1	F/O cable MU-MU 1 m, SM	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-MU/MU-06	F/O cable MU-MU 65 cm, SM	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-SC/MU-1	F/O cable SC-MU 1 m, SM.	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-SC/MU-5	F/O cable SC-MU 5 m, SM	Each	WDM Solutions	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	CA-SMS-SC/SC-1	F/O cable SC-SC 1 m, SM	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-SC/SC-3	F/O cable SC-SC 3 m, SM.	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-SC/SC-5	F/O cable SC-SC 5 m, SM.	Each	WDM Solutions	\$50.00	36%	\$32.00	N/A	\$4.55	\$4.65	\$4.70	\$4.85	\$32.00	N/A	\$4.55	\$32.50	N/A	\$4.55
MRV Communications, Inc.	CA-SMS-SC/SC065	F/O cable SC-SC 0.65 m, SM.	Each	WDM Solutions	\$80.00	36%	\$51.20	N/A	\$7.28	\$7.44	\$7.52	\$7.76	\$51.20	N/A	\$7.28	\$52.00	N/A	\$7.28

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price  
 > NYS OGS: PT61515

Used to determine Reasonableness of Price  
 > MHEC: MC10-F05

Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	CA-SMY-LC/LC-1	F/O Y cable LC to LC 1 m, SM	Each	WDM Solutions	\$130.00	36%	\$83.20	N/A	\$11.83	\$12.09	\$12.22	\$12.61	\$83.20	N/A	\$11.83	\$84.50	N/A	\$11.83
MRV Communications, Inc.	CA-SMY-LC/SC-1	F/O Y cable LC to SC 1 m, SM	Each	WDM Solutions	\$200.00	36%	\$128.00	N/A	\$18.20	\$18.60	\$18.80	\$19.40	\$128.00	N/A	\$18.20	\$130.00	N/A	\$18.20
MRV Communications, Inc.	CA-SMY-SC/SC-1	F/O Y cable SC to SC 1 m, SM	Each	WDM Solutions	\$150.00	36%	\$96.00	N/A	\$13.65	\$13.95	\$14.10	\$14.55	\$96.00	N/A	\$13.65	\$97.50	N/A	\$13.65
MRV Communications, Inc.	DWDM-MD-40	Standalone chassis device, Channels 21-60 LC Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$59,990.00	36%	\$38,393.60	N/A	\$5,459.09	\$5,579.07	\$5,639.06	\$5,819.03	\$38,393.60	N/A	\$5,459.09	\$38,993.50	N/A	\$5,459.09
MRV Communications, Inc.	EM1600-4CC10G	4 x XFP ports Cross-Connect transponder for LD1600.	Each	WDM Solutions	\$3,995.00	36%	\$2,556.80	N/A	\$363.55	\$371.54	\$375.53	\$387.52	\$2,556.80	N/A	\$363.55	\$2,596.75	N/A	\$363.55
MRV Communications, Inc.	EM1600-8CC10G	8 x XFP ports Cross-Connect transponder for LD1600.	Each	WDM Solutions	\$6,995.00	36%	\$4,476.80	N/A	\$636.55	\$650.54	\$657.53	\$678.52	\$4,476.80	N/A	\$636.55	\$4,546.75	N/A	\$636.55
MRV Communications, Inc.	EM1600-CLBS2	C-L dual Band Splitter for LD1600	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM1600-DCM	80km multichannel DCM (Dispersion Compensation Module) for LD1600 or LDP300	Each	WDM Solutions	\$9,995.00	36%	\$6,396.80	N/A	\$909.55	\$929.54	\$939.53	\$969.52	\$6,396.80	N/A	\$909.55	\$6,496.75	N/A	\$909.55
MRV Communications, Inc.	EM1600-DCMD	80km multichannel Dual fiber DCM (Dispersion Compensation Module) for LD1600 or LDP300	Each	WDM Solutions	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55
MRV Communications, Inc.	EM1600-DMUX16	16 200G spacing wavelengths DWDM Demultiplexer module for LD1600 (ch#21 to ch#57).	Each	WDM Solutions	\$10,995.00	36%	\$7,036.80	N/A	\$1,000.55	\$1,022.54	\$1,033.53	\$1,066.52	\$7,036.80	N/A	\$1,000.55	\$7,146.75	N/A	\$1,000.55
MRV Communications, Inc.	EM1600-DMUX16B	16 100G spacing (ch #43 to #58) DWDM Demultiplexer module for LD1600 with band splitter.	Each	WDM Solutions	\$12,595.00	36%	\$8,060.80	N/A	\$1,146.15	\$1,171.34	\$1,183.93	\$1,221.72	\$8,060.80	N/A	\$1,146.15	\$8,186.75	N/A	\$1,146.15
MRV Communications, Inc.	EM1600-DMUX16C	16 wavelengths (1310-1610nm) CWDM Multiplexer module for LD1600.	Each	WDM Solutions	\$6,995.00	36%	\$4,476.80	N/A	\$636.55	\$650.54	\$657.53	\$678.52	\$4,476.80	N/A	\$636.55	\$4,546.75	N/A	\$636.55
MRV Communications, Inc.	EM1600-DMUX16R	16 100G spacing (ch #21 to #36) DWDM Demultiplexer module for LD1600.	Each	WDM Solutions	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	EM1600-DMUX40	40 100G spacing wavelengths DWDM Demultiplexer module for LD1600 (ch#20 to ch#59).	Each	WDM Solutions	\$29,995.00	36%	\$19,196.80	N/A	\$2,729.55	\$2,789.54	\$2,819.53	\$2,909.52	\$19,196.80	N/A	\$2,729.55	\$19,496.75	N/A	\$2,729.55
MRV Communications, Inc.	EM1600-DMUX40L	40 100G spacing L-band wavelengths DWDM Demultiplexer module for LD1600 (ch#70 to ch#09).	Each	WDM Solutions	\$30,995.00	36%	\$19,836.80	N/A	\$2,820.55	\$2,882.54	\$2,913.53	\$3,006.52	\$19,836.80	N/A	\$2,820.55	\$20,146.75	N/A	\$2,820.55
MRV Communications, Inc.	EM1600-DMUX8B	8 200G spacing wavelengths DWDM Demultiplexer module for LD1600 (ch#43 to ch#57) with band splitter.	Each	WDM Solutions	\$6,298.00	36%	\$4,030.72	N/A	\$573.12	\$585.71	\$592.01	\$610.91	\$4,030.72	N/A	\$573.12	\$4,093.70	N/A	\$573.12
MRV Communications, Inc.	EM1600-DMUX8C	8 wavelengths CWDM Demultiplexer module for LD1600.	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM1600-DMUX8R	8 200G spacing wavelengths DWDM Demultiplexer module for LD1600 (ch#21 to ch#35).	Each	WDM Solutions	\$5,998.00	36%	\$3,838.72	N/A	\$545.82	\$557.81	\$563.81	\$581.81	\$3,838.72	N/A	\$545.82	\$3,898.70	N/A	\$545.82
MRV Communications, Inc.	EM1600-DSRV	Service module for LD1600 with dual interface.	Each	WDM Solutions	\$2,495.00	36%	\$1,596.80	N/A	\$227.05	\$232.04	\$234.53	\$242.02	\$1,596.80	N/A	\$227.05	\$1,621.75	N/A	\$227.05
MRV Communications, Inc.	EM1600-MDMUX16B	16 100G spacing (ch #43 to #58) DWDM MUX and DeMUX module for LD1600 with band splitter.	Each	WDM Solutions	\$18,995.00	36%	\$12,156.80	N/A	\$1,728.55	\$1,766.54	\$1,785.53	\$1,842.52	\$12,156.80	N/A	\$1,728.55	\$12,346.75	N/A	\$1,728.55
MRV Communications, Inc.	EM1600-MDMUX16R	16 100G spacing (ch #21 to #36) DWDM MUX and DeMUX module for LD1600.	Each	WDM Solutions	\$18,595.00	36%	\$11,900.80	N/A	\$1,692.15	\$1,729.34	\$1,747.93	\$1,803.72	\$11,900.80	N/A	\$1,692.15	\$12,086.75	N/A	\$1,692.15

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EMI1600-MDMUX8B	8 200Ghz spacing wavelengths (ch#43 to ch#57) DWDM MUX/DeMux module for LD1600.	Each	WDM Solutions	\$9,995.00	36%	\$6,396.80	N/A	\$909.55	\$929.54	\$939.53	\$969.52	\$6,396.80	N/A	\$909.55	\$6,496.75	N/A	\$909.55
MRV Communications, Inc.	EMI1600-MDMUX8C	8 wavelengths CWDM MUX/DEMUX module for LD1600.	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EMI1600-MDMUX8R	8 200Ghz spacing wavelengths (#21 - #35) DWDM MUX/DeMux module for LD1600.	Each	WDM Solutions	\$9,595.00	36%	\$6,140.80	N/A	\$873.15	\$892.34	\$901.93	\$930.72	\$6,140.80	N/A	\$873.15	\$6,236.75	N/A	\$873.15
MRV Communications, Inc.	EMI1600-MNGP	MNG Management Module for the LD1600PL.	Each	WDM Solutions	\$1,695.00	36%	\$1,084.80	N/A	\$154.25	\$157.64	\$159.33	\$164.42	\$1,084.80	N/A	\$154.25	\$1,101.75	N/A	\$154.25
MRV Communications, Inc.	EMI1600-MUX16	16 200G spacing wavelengths DWDM Multiplexer module for LD1600 (ch#21 to ch#57).	Each	WDM Solutions	\$10,595.00	36%	\$6,780.80	N/A	\$964.15	\$985.34	\$995.93	\$1,027.72	\$6,780.80	N/A	\$964.15	\$6,886.75	N/A	\$964.15
MRV Communications, Inc.	EMI1600-MUX16B	16 100G spacing (ch #43 to #58) DWDM Multiplexer module for LD1600 with band splitter.	Each	WDM Solutions	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	EMI1600-MUX16C	16 wavelengths (1310-1610nm) CWDM Multiplexer module for LD1600.	Each	WDM Solutions	\$6,595.00	36%	\$4,220.80	N/A	\$600.15	\$613.34	\$619.93	\$639.72	\$4,220.80	N/A	\$600.15	\$4,286.75	N/A	\$600.15
MRV Communications, Inc.	EMI1600-MUX16R	16 100G spacing (ch #21 to ch #36) DWDM Multiplexer module for LD1600.	Each	WDM Solutions	\$11,395.00	36%	\$7,292.80	N/A	\$1,036.95	\$1,059.74	\$1,071.13	\$1,105.32	\$7,292.80	N/A	\$1,036.95	\$7,406.75	N/A	\$1,036.95
MRV Communications, Inc.	EMI1600-MUX40	40 100G spacing wavelengths DWDM Multiplexer module for LD1600 (ch#20 to ch#59).	Each	WDM Solutions	\$29,995.00	36%	\$19,196.80	N/A	\$2,729.55	\$2,789.54	\$2,819.53	\$2,909.52	\$19,196.80	N/A	\$2,729.55	\$19,496.75	N/A	\$2,729.55
MRV Communications, Inc.	EMI1600-MUX40L	40 100G spacing L-band wavelengths DWDM Multiplexer module for LD1600 (ch#70 to ch#09).	Each	WDM Solutions	\$30,995.00	36%	\$19,836.80	N/A	\$2,820.55	\$2,882.54	\$2,913.53	\$3,006.52	\$19,836.80	N/A	\$2,820.55	\$20,146.75	N/A	\$2,820.55
MRV Communications, Inc.	EMI1600-MUX8B	8 200Ghz spacing wavelengths DWDM Multiplexer module for LD1600 (ch#43 to ch#57) with band splitter.	Each	WDM Solutions	\$5,998.00	36%	\$3,838.72	N/A	\$545.82	\$557.81	\$563.81	\$581.81	\$3,838.72	N/A	\$545.82	\$3,898.70	N/A	\$545.82
MRV Communications, Inc.	EMI1600-MUX8C	8 wavelengths CWDM Multiplexer module for LD1600.	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EMI1600-MUX8R	8 200Ghz spacing wavelengths DWDM Multiplexer module for LD1600 (ch#21 to ch#35).	Each	WDM Solutions	\$5,698.00	36%	\$3,646.72	N/A	\$518.52	\$529.91	\$535.61	\$552.71	\$3,646.72	N/A	\$518.52	\$3,703.70	N/A	\$518.52
MRV Communications, Inc.	EMI1600-OAB	Optical Booster Amplifier for the LambdaDriver-1600 with GFF.	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55
MRV Communications, Inc.	EMI1600-OAB22P	Optical Booster Amplifier for the LambdaDriver-1600 with +22dbm output.	Each	WDM Solutions	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55
MRV Communications, Inc.	EMI1600-OAB22PM	Optical Booster Amplifier for the LambdaDriver-1600 with +22dbm output and MidStage.	Each	WDM Solutions	\$20,595.00	36%	\$13,180.80	N/A	\$1,874.15	\$1,915.34	\$1,935.93	\$1,997.72	\$13,180.80	N/A	\$1,874.15	\$13,386.75	N/A	\$1,874.15
MRV Communications, Inc.	EMI1600-OABM	Optical Booster Amplifier with Mid Stage for the LambdaDriver-1600.	Each	WDM Solutions	\$13,595.00	36%	\$8,700.80	N/A	\$1,237.15	\$1,264.34	\$1,277.93	\$1,318.72	\$8,700.80	N/A	\$1,237.15	\$8,836.75	N/A	\$1,237.15
MRV Communications, Inc.	EMI1600-OABT24	Optical Booster Amplifier with tunable Gain for the LambdaDriver-1600 +24dbm output, dual slot.	Each	WDM Solutions	\$24,995.00	36%	\$15,996.80	N/A	\$2,274.55	\$2,324.54	\$2,349.53	\$2,424.52	\$15,996.80	N/A	\$2,274.55	\$16,246.75	N/A	\$2,274.55
MRV Communications, Inc.	EMI1600-OABT24M	Optical Booster Amplifier with tunable Gain and MidStage for the LambdaDriver-1600 +24dbm output, dual slot.	Each	WDM Solutions	\$25,995.00	36%	\$16,636.80	N/A	\$2,365.55	\$2,417.54	\$2,443.53	\$2,521.52	\$16,636.80	N/A	\$2,365.55	\$16,896.75	N/A	\$2,365.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM1600-OAI	Optical In Line Amplifier for the LambdaDriver-1600 with GFF.	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55
MRV Communications, Inc.	EM1600-OAI21P	Optical In Line Amplifier for the LambdaDriver-1600 with +21dbm output.	Each	WDM Solutions	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55
MRV Communications, Inc.	EM1600-OAI21PM	Optical In Line Amplifier with Mid Stage for the LambdaDriver-1600 with +21dbm output.	Each	WDM Solutions	\$20,595.00	36%	\$13,180.80	N/A	\$1,874.15	\$1,915.34	\$1,935.93	\$1,997.72	\$13,180.80	N/A	\$1,874.15	\$13,386.75	N/A	\$1,874.15
MRV Communications, Inc.	EM1600-OAIM	Optical In Line Amplifier with Mid Stage for the LambdaDriver-1600 +17dbm output	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55
MRV Communications, Inc.	EM1600-OAIT17	Optical InLine Amplifier with tunable Gain for the LambdaDriver-1600 +17dbm output, dual slot.	Each	WDM Solutions	\$16,995.00	36%	\$10,876.80	N/A	\$1,546.55	\$1,580.54	\$1,597.53	\$1,648.52	\$10,876.80	N/A	\$1,546.55	\$11,046.75	N/A	\$1,546.55
MRV Communications, Inc.	EM1600-OAIT17M	Optical InLine Amplifier with tunable Gain and MidStage for the LambdaDriver-1600 +17dbm output, dual slot.	Each	WDM Solutions	\$17,995.00	36%	\$11,516.80	N/A	\$1,637.55	\$1,673.54	\$1,691.53	\$1,745.52	\$11,516.80	N/A	\$1,637.55	\$11,696.75	N/A	\$1,637.55
MRV Communications, Inc.	EM1600-OAIT20	Optical InLine Amplifier with tunable Gain for the LambdaDriver-1600 +20dbm output, dual slot.	Each	WDM Solutions	\$21,995.00	36%	\$14,076.80	N/A	\$2,001.55	\$2,045.54	\$2,067.53	\$2,133.52	\$14,076.80	N/A	\$2,001.55	\$14,296.75	N/A	\$2,001.55
MRV Communications, Inc.	EM1600-OAIT20M	Optical InLine Amplifier with tunable Gain and MidStage for the LambdaDriver-1600 +20dbm output, dual slot.	Each	WDM Solutions	\$22,595.00	36%	\$14,460.80	N/A	\$2,056.15	\$2,101.34	\$2,123.93	\$2,191.72	\$14,460.80	N/A	\$2,056.15	\$14,686.75	N/A	\$2,056.15
MRV Communications, Inc.	EM1600-OAP	Optical Pre-Amplifier for the LambdaDriver-1600 with GFF.	Each	WDM Solutions	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	EM1600-OAP10	10dB Gain Optical Pre-Amplifier for the LambdaDriver-1600.	Each	WDM Solutions	\$10,595.00	36%	\$6,780.80	N/A	\$964.15	\$985.34	\$995.93	\$1,027.72	\$6,780.80	N/A	\$964.15	\$6,886.75	N/A	\$964.15
MRV Communications, Inc.	EM1600-OAR10	10db Raman Amplifier for LD1600 dual slot.	Each	WDM Solutions	\$35,995.00	36%	\$23,036.80	N/A	\$3,275.55	\$3,347.54	\$3,383.53	\$3,491.52	\$23,036.80	N/A	\$3,275.55	\$23,396.75	N/A	\$3,275.55
MRV Communications, Inc.	EM1600-OAR12	12db Raman Amplifier for LD1600 dual slot.	Each	WDM Solutions	\$39,995.00	36%	\$25,596.80	N/A	\$3,639.55	\$3,719.54	\$3,759.53	\$3,879.52	\$25,596.80	N/A	\$3,639.55	\$25,996.75	N/A	\$3,639.55
MRV Communications, Inc.	EM1600-OAR15	15db Raman Amplifier for LD1600 dual slot.	Each	WDM Solutions	\$45,995.00	36%	\$29,436.80	N/A	\$4,185.55	\$4,277.54	\$4,323.53	\$4,461.52	\$29,436.80	N/A	\$4,185.55	\$29,896.75	N/A	\$4,185.55
MRV Communications, Inc.	EM1600-OAR20S	20db, Single channel (1550nm) Raman Amplifier for LD1600 dual slot.	Each	WDM Solutions	\$59,995.00	36%	\$38,396.80	N/A	\$5,459.55	\$5,579.54	\$5,639.53	\$5,819.52	\$38,396.80	N/A	\$5,459.55	\$38,996.75	N/A	\$5,459.55
MRV Communications, Inc.	EM1600-PS/AC	AC power supply for the LD1600 (90 240V AC)	Each	WDM Solutions	\$595.00	36%	\$380.80	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$380.80	N/A	\$54.15	\$386.75	N/A	\$54.15
MRV Communications, Inc.	EM1600-PS/DC	DC power supply for the LD1600 (-48V DC)	Each	WDM Solutions	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	EM1600-RBBS2	Red-Blue dual Band Splitter LD1600	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM1600-RBBS4	Red-Blue quad Band Splitter for LD1600	Each	WDM Solutions	\$3,995.00	36%	\$2,556.80	N/A	\$363.55	\$371.54	\$375.53	\$387.52	\$2,556.80	N/A	\$363.55	\$2,596.75	N/A	\$363.55
MRV Communications, Inc.	EM1600-RED	Redundant link module for LD1600	Each	WDM Solutions	\$4,095.00	36%	\$2,620.80	N/A	\$372.65	\$380.84	\$384.93	\$397.22	\$2,620.80	N/A	\$372.65	\$2,661.75	N/A	\$372.65
MRV Communications, Inc.	EM1600-RED/NS	Redundant link module for LD1600 w/o OSC	Each	WDM Solutions	\$2,595.00	36%	\$1,660.80	N/A	\$236.15	\$241.34	\$243.93	\$251.72	\$1,660.80	N/A	\$236.15	\$1,686.75	N/A	\$236.15
MRV Communications, Inc.	EM1600-ROADM40	40 ports Single side (East or West) ROADM for LD1600, dual long slot.	Each	WDM Solutions	\$49,994.00	36%	\$31,996.16	N/A	\$4,549.45	\$4,649.44	\$4,699.44	\$4,849.42	\$31,996.16	N/A	\$4,549.45	\$32,496.10	N/A	\$4,549.45
MRV Communications, Inc.	EM1600-SOAB	Single channel Optical Booster Amplifier for the LambdaDriver-1600.	Each	WDM Solutions	\$9,995.00	36%	\$6,396.80	N/A	\$909.55	\$929.54	\$939.53	\$969.52	\$6,396.80	N/A	\$909.55	\$6,496.75	N/A	\$909.55

Area NW Hardware

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 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price  
 > NYS OGS: PT61515

Used to determine Reasonableness of Price  
 > MHEC: MC10-F05

Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM1600-SOAB13	Single channel Optical Booster Amplifier for the LambdaDriver-1600 +13dbm output	Each	WDM Solutions	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	EM1600-SOAB22P	Single channel Optical Booster Amplifier for the LambdaDriver-1600 with +22dbm output and 20db gain.	Each	WDM Solutions	\$17,995.00	36%	\$11,516.80	N/A	\$1,637.55	\$1,673.54	\$1,691.53	\$1,745.52	\$11,516.80	N/A	\$1,637.55	\$11,696.75	N/A	\$1,637.55
MRV Communications, Inc.	EM1600-SOAI	Single channel Optical In Line Amplifier for the LambdaDriver-1600 +13dbm output	Each	WDM Solutions	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	EM1600-SOAIM	Single channel Optical In Line Amplifier with Mid Stage for the LambdaDriver-1600 +13dbm output	Each	WDM Solutions	\$9,595.00	36%	\$6,140.80	N/A	\$873.15	\$892.34	\$901.93	\$930.72	\$6,140.80	N/A	\$873.15	\$6,236.75	N/A	\$873.15
MRV Communications, Inc.	EM1600-SOAP	Single channel Optical Pre-Amplifier for the LambdaDriver-1600.	Each	WDM Solutions	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	EM1600-SRV	Service module for LD1600	Each	WDM Solutions	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM1600/OP-BLANK	LD1600 Optional Modules Blank panel	Each	WDM Solutions	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	EM1600/TR-BLANK	LD1600 Transponder Module Blank panel	Each	WDM Solutions	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	EM2009-2EAM	2 x Analog E&M Voice and 2 x Dry Contact over GE SFP uplink.	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM2009-DSGM	DS3 and one GE port TDM Multiplexer with SFPs.	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM2009-E3GM	E3 and one GE port TDM Multiplexer with SFP	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM2009-E8GM	8 E1 ports and one GE port TDM Multiplexer with SFPs	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM2009-EM4	4 ESCON TDM Multiplexer with SFP interfaces.	Each	WDM Solutions	\$2,595.00	36%	\$1,660.80	N/A	\$236.15	\$241.34	\$243.93	\$251.72	\$1,660.80	N/A	\$236.15	\$1,686.75	N/A	\$236.15
MRV Communications, Inc.	EM2009-FETXM4/P	4 100BaseTX ports with LIN TDM Multiplexer channel card with SFP trunk interface.	Each	WDM Solutions	\$3,295.00	36%	\$2,108.80	N/A	\$299.85	\$306.44	\$309.73	\$319.62	\$2,108.80	N/A	\$299.85	\$2,141.75	N/A	\$299.85
MRV Communications, Inc.	EM2009-FETXM8/P	8 100BaseTX ports with LIN TDM Multiplexer channel card with SFP trunk interface.	Each	WDM Solutions	\$4,995.00	36%	\$3,196.80	N/A	\$454.55	\$464.54	\$469.53	\$484.52	\$3,196.80	N/A	\$454.55	\$3,246.75	N/A	\$454.55
MRV Communications, Inc.	EM2009-FTXM4/P	4 10/100BaseTX ports TDM Multiplexer channel card with SFP trunk interface.	Each	WDM Solutions	\$3,295.00	36%	\$2,108.80	N/A	\$299.85	\$306.44	\$309.73	\$319.62	\$2,108.80	N/A	\$299.85	\$2,141.75	N/A	\$299.85
MRV Communications, Inc.	EM2009-FTXM8/P	8 10/100BaseTX ports TDM Multiplexer channel card with SFP trunk interface	Each	WDM Solutions	\$4,995.00	36%	\$3,196.80	N/A	\$454.55	\$464.54	\$469.53	\$484.52	\$3,196.80	N/A	\$454.55	\$3,246.75	N/A	\$454.55
MRV Communications, Inc.	EM2009-FXM4/P	4 FE SFP ports TDM Multiplexer channel card with SFP trunk interface	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM2009-FXM8/P	8 FE SFP ports TDM Multiplexer channel card with SFP trunk interface.	Each	WDM Solutions	\$4,695.00	36%	\$3,004.80	N/A	\$427.25	\$436.64	\$441.33	\$455.42	\$3,004.80	N/A	\$427.25	\$3,051.75	N/A	\$427.25
MRV Communications, Inc.	EM2009-GM2	2 GE ports TDM Multiplexer channel card with SFP receptacles	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM2009-OCM4	4 OC3/OC12 ports TDM Multiplexer channel card with SFP interfaces.	Each	WDM Solutions	\$4,995.00	36%	\$3,196.80	N/A	\$454.55	\$464.54	\$469.53	\$484.52	\$3,196.80	N/A	\$454.55	\$3,246.75	N/A	\$454.55
MRV Communications, Inc.	EM2009-OCM8	8 OC3/OC12 ports TDM Multiplexer channel card with SFP interfaces	Each	WDM Solutions	\$7,995.00	36%	\$5,116.80	N/A	\$727.55	\$743.54	\$751.53	\$775.52	\$5,116.80	N/A	\$727.55	\$5,196.75	N/A	\$727.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM2009-T8GM	8 T1 ports and one GE port TDM Multiplexer with SFP's	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM316BRHBS	Blue Red Band Splitter. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	EM316CDADDXX	Dual Fiber Add/Drop Module, East/West 1 Channel (XX=Wavelength). (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM316CDADDXXYY	Dual Fiber Add/Drop Module, East/West 2 Channel (XX=Wavelength). (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	EM316CSADDxx	Single Fiber Add/Drop Module, East and West 1 channel/ 2 consecutive wavelength starting xx. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM316CSADDXXYY	Single Fiber Add/Drop Module, MU Connector, East and West 2 channel/4 wavelength each channel consecutive wavelengths starting at xx or yy. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	EM316CSADS4xx	Single Fiber Add/Drop Module, Single Fiber, East or West 4 Channel/ 8 wavelengths each channel consecutive wavelengths starting at 1470nm. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$3,995.00	36%	\$2,556.80	N/A	\$363.55	\$371.54	\$375.53	\$387.52	\$2,556.80	N/A	\$363.55	\$2,596.75	N/A	\$363.55
MRV Communications, Inc.	EM316CSADSxx	Single Fiber Add/Drop Module, MU Connector, East or West, 1 channel/ 2 consecutive wavelengths starting xx. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	EM316CSADSxxyy	Single Fiber Add/Drop Module, MU Connector, East or West, 2 channel/4 wavelength each channel consecutive wavelengths starting at xx or yy. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$2,495.00	36%	\$1,596.80	N/A	\$227.05	\$232.04	\$234.53	\$242.02	\$1,596.80	N/A	\$227.05	\$1,621.75	N/A	\$227.05
MRV Communications, Inc.	EM316DCM100	C-Band Dispersion Compensation Module 100km, 2-slots	Each	WDM Solutions	\$9,995.00	36%	\$6,396.80	N/A	\$909.55	\$929.54	\$939.53	\$969.52	\$6,396.80	N/A	\$909.55	\$6,496.75	N/A	\$909.55
MRV Communications, Inc.	EM316DCM60	C-Band Dispersion Compensation Module 60km, 2-slots	Each	WDM Solutions	\$9,595.00	36%	\$6,140.80	N/A	\$873.15	\$892.34	\$901.93	\$930.72	\$6,140.80	N/A	\$873.15	\$6,236.75	N/A	\$873.15
MRV Communications, Inc.	EM316DDADD4XX	Dual Fiber Add/Drop Module, East and West 4 channel starting at wavelength xx (xx from ITU Grid Table). (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	EM316DDADDXX	Dual Fiber Add/Drop Module, East and West 1 channel (xx Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316DDADDXXYY	Dual Fiber Add/Drop Module, East and West 2 channel (xxyy=Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$4,995.00	36%	\$3,196.80	N/A	\$454.55	\$464.54	\$469.53	\$484.52	\$3,196.80	N/A	\$454.55	\$3,246.75	N/A	\$454.55
MRV Communications, Inc.	EM316DMX41N315B	Passive DeMux Single Fiber MU Connectors, 1470-1530nm and dual bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$2,550.00	36%	\$1,632.00	N/A	\$232.05	\$237.15	\$239.70	\$247.35	\$1,632.00	N/A	\$232.05	\$1,657.50	N/A	\$232.05
MRV Communications, Inc.	EM316DMX42N315B	Passive DeMux Single Fiber MU Connectors, 1550-1610nm and dual bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$2,550.00	36%	\$1,632.00	N/A	\$232.05	\$237.15	\$239.70	\$247.35	\$1,632.00	N/A	\$232.05	\$1,657.50	N/A	\$232.05
MRV Communications, Inc.	EM316DMX8N315BD	Passive DeMux Single Fiber MU Connectors, Wavelength 1470-1610nm and dual bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$4,250.00	36%	\$2,720.00	N/A	\$386.75	\$395.25	\$399.50	\$412.25	\$2,720.00	N/A	\$386.75	\$2,762.50	N/A	\$386.75
MRV Communications, Inc.	EM316DPAD4XX	DWDM 4-Channel Add/Drop module Dual Fiber starting at xx (xx Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$6,295.00	36%	\$4,028.80	N/A	\$572.85	\$585.44	\$591.73	\$610.62	\$4,028.80	N/A	\$572.85	\$4,091.75	N/A	\$572.85
MRV Communications, Inc.	EM316DPAD8XX	DWDM 8-Channel Add/Drop module Dual Fiber starting at xx (xx Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	EM316DPADXX	DWDM 1-Channel Add/Drop module Dual Fiber(xx Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,795.00	36%	\$1,148.80	N/A	\$163.35	\$166.94	\$168.73	\$174.12	\$1,148.80	N/A	\$163.35	\$1,166.75	N/A	\$163.35
MRV Communications, Inc.	EM316DPADXXYY	DWDM 2-Channel Add/Drop module Dual Fiber (xxyy=Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	EM316DSADSXX	Single Fiber Add/Drop Module, East or West 1 channel/2 consecutive wavelengths starting at xx (xx Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,698.00	36%	\$1,086.72	N/A	\$154.52	\$157.91	\$159.61	\$164.71	\$1,086.72	N/A	\$154.52	\$1,103.70	N/A	\$154.52
MRV Communications, Inc.	EM316DSADSXXYY	Single Fiber Add/Drop Module, East or West 1 channel/2 wavelengths xx and yy (xx Wavelength from ITU Grid Table). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,698.00	36%	\$1,086.72	N/A	\$154.52	\$157.91	\$159.61	\$164.71	\$1,086.72	N/A	\$154.52	\$1,103.70	N/A	\$154.52
MRV Communications, Inc.	EM316DWDWX16-B	One Slot, 16-Channel DWDM DeMux. Blue Channels #43-58, MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$12,595.00	36%	\$8,060.80	N/A	\$1,146.15	\$1,171.34	\$1,183.93	\$1,221.72	\$8,060.80	N/A	\$1,146.15	\$8,186.75	N/A	\$1,146.15

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316DWDWMX16-BE	One Slot, 16-Channel DWDM DeMux. Blue Channels #43-58. MU Port Connectors and LC trunk with Band splitter. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$12,595.00	36%	\$8,060.80	N/A	\$1,146.15	\$1,171.34	\$1,183.93	\$1,221.72	\$8,060.80	N/A	\$1,146.15	\$8,186.75	N/A	\$1,146.15
MRV Communications, Inc.	EM316DWDWMX16-R	One Slot, 16-Channel DWDM DeMux. Red Channels #21-36. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	EM316DWDWMX32	Two Slot, 32-Channel DWDM DeMux. Channels 21-52 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$23,390.00	36%	\$14,969.60	N/A	\$2,128.49	\$2,175.27	\$2,198.66	\$2,268.83	\$14,969.60	N/A	\$2,128.49	\$15,203.50	N/A	\$2,128.49
MRV Communications, Inc.	EM316DWDWMX32-RB	Two Slot, 32-Channel DWDM DeMux. Channels 21-36 and 43-58 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$23,390.00	36%	\$14,969.60	N/A	\$2,128.49	\$2,175.27	\$2,198.66	\$2,268.83	\$14,969.60	N/A	\$2,128.49	\$15,203.50	N/A	\$2,128.49
MRV Communications, Inc.	EM316DWDWMX40-M	Three Slot DWDM Module DeMux 40 channels 21-60. 100 GHZ MU Port Connectors, SC Trunk and Monitoring. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$29,995.00	36%	\$19,196.80	N/A	\$2,729.55	\$2,789.54	\$2,819.53	\$2,909.52	\$19,196.80	N/A	\$2,729.55	\$19,496.75	N/A	\$2,729.55
MRV Communications, Inc.	EM316DWDWMX8	One Slot, 8-Channel DWDM DeMux. Red Channels #31-38. MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWDWMX8-B1	One Slot, 8-Channel DWDM DeMux. Blue Channels #43-50. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWDWMX8-B2B	One Slot, 8-Channel DWDM DeMux. Blue Channels #51-58, with band splitter. MU Port Connectors and dual MU trunk/expansion. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWDWMX8-CW3	One Slot, 8-Channel DWDM DeMux. Blue Channels #56-63, for hybrid CWDM 1530 nm; MU Port Connectors and SC expansion trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWDWMX8-CW5	One Slot, 8-Channel DWDM DeMux. Red Channels #31-38, for hybrid CWDM 1550 nm; MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWDWMX8-R1	One Slot, 8-Channel DWDM DeMux. Red Channels #21-28. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55

Area NW Hardware

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MRV Communications, Inc.	EM316DWDMX8-R2	One Slot, 8-Channel DWDM DeMux. Red Channels #29-36. MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWDMX8-R2B	One Slot, 8-Channel DWDM DeMux. Red Channels #29-36, with band splitter. MU Port Connectors and dual MU trunk/expansion. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWDX16-REM	One Slot, 16-Channel DWDM DeMux. Red Channels #21-36. MU Port Connectors and SC trunk with Band splitter, and Monitoring port. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$12,595.00	36%	\$8,060.80	N/A	\$1,146.15	\$1,171.34	\$1,183.93	\$1,221.72	\$8,060.80	N/A	\$1,146.15	\$8,186.75	N/A	\$1,146.15
MRV Communications, Inc.	EM316DWMUX16-B	One Slot, 16-Channel DWDM Mux. Blue Channels #43-58. MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$12,595.00	36%	\$8,060.80	N/A	\$1,146.15	\$1,171.34	\$1,183.93	\$1,221.72	\$8,060.80	N/A	\$1,146.15	\$8,186.75	N/A	\$1,146.15
MRV Communications, Inc.	EM316DWMUX16-BE	One Slot, 16-Channel DWDM Mux. Blue Channels #43-58. MU Port Connectors and LC trunk with Band splitter. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$12,595.00	36%	\$8,060.80	N/A	\$1,146.15	\$1,171.34	\$1,183.93	\$1,221.72	\$8,060.80	N/A	\$1,146.15	\$8,186.75	N/A	\$1,146.15
MRV Communications, Inc.	EM316DWMUX16-R	One Slot, 16-Channel DWDM Mux. Red Channels #21-36. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$11,995.00	36%	\$7,676.80	N/A	\$1,091.55	\$1,115.54	\$1,127.53	\$1,163.52	\$7,676.80	N/A	\$1,091.55	\$7,796.75	N/A	\$1,091.55
MRV Communications, Inc.	EM316DWMUX32	Two Slot, 32-Channel DWDM Mux. Channels 21-52 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$23,390.00	36%	\$14,969.60	N/A	\$2,128.49	\$2,175.27	\$2,198.66	\$2,268.83	\$14,969.60	N/A	\$2,128.49	\$15,203.50	N/A	\$2,128.49
MRV Communications, Inc.	EM316DWMUX32-RB	Two Slot, 32-Channel DWDM Mux. Channels 21-36 and 43-58 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$23,390.00	36%	\$14,969.60	N/A	\$2,128.49	\$2,175.27	\$2,198.66	\$2,268.83	\$14,969.60	N/A	\$2,128.49	\$15,203.50	N/A	\$2,128.49
MRV Communications, Inc.	EM316DWMUX40-M	Three Slot DWDM Module Mux 40 channels 21-60. 100 GHZ MU Port Connectors, SC Trunk and Monitoring. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$29,995.00	36%	\$19,196.80	N/A	\$2,729.55	\$2,789.54	\$2,819.53	\$2,909.52	\$19,196.80	N/A	\$2,729.55	\$19,496.75	N/A	\$2,729.55
MRV Communications, Inc.	EM316DWMX16-REM	One Slot, 16-Channel DWDM Mux. Red Channels #21-36. MU Port Connectors and SC trunk with Band splitter and Monitoring port. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$12,595.00	36%	\$8,060.80	N/A	\$1,146.15	\$1,171.34	\$1,183.93	\$1,221.72	\$8,060.80	N/A	\$1,146.15	\$8,186.75	N/A	\$1,146.15
MRV Communications, Inc.	EM316DWMX8	One Slot, 8-Channel DWDM Mux. Red Channels #31-38. MU Port connectors and SC expansion. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316DWMX8-B1	One Slot, 8-Channel DWDM Mux. Blue Channels #43-50 MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWMX8-B2B	One Slot, 8-Channel DWDM Mux. Blue Channels #51-58, with band splitter. MU Port Connectors and dual MU trunk/expansion. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWMX8-CW3	One Slot, 8-Channel DWDM Mux. Blue Channels #56-63, for hybrid CWDM 1530 nm; MU Port Connectors and SC expansion trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWMX8-CW5	One Slot, 8-Channel DWDM Mux. Red Channels #31-38, for hybrid CWDM 1550 nm; MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWMX8-R1	One Slot, 8-Channel DWDM Mux. Red Channels #21-28. MU Port Connectors and SC Trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWMX8-R2	One Slot, 8-Channel DWDM Mux. Red Channels #29-36. MU Port Connectors and SC trunk. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DWMX8-R2B	One Slot, 8-Channel DWDM Mux. Red Channels #29-36, with band splitter. MU Port Connectors and dual MU trunk/expansion. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM316DXMUSC16	Passive DeMux with 16-MU Port connectors, Single Fiber, SC Connector Trunk. Wavelength 1310-1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$6,500.00	36%	\$4,160.00	N/A	\$591.50	\$604.50	\$611.00	\$630.50	\$4,160.00	N/A	\$591.50	\$4,225.00	N/A	\$591.50
MRV Communications, Inc.	EM316EDFA-BR	EDFA Optical Booster Amplifier, Protocol Independent, C-band, 1529-1565nm, 9dBm gain, 18dBm Saturated Output Power, SC connectors; RoHS Compliant, 2-slots	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55
MRV Communications, Inc.	EM316EDFA-LPR	EDFA Optical InLine/PreAmplifier Amplifier, Protocol Independent, C-band, 1529-1565nm, 25dBm gain, 15dBm Saturated Output Power, SC connectors; RoHS Compliant, 2-slots	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316LNXNM-OT	Linux based Network Management Module for Fiber Driver Optical Multi Service Platform.	Each	WDM Solutions	\$1,025.00	36%	\$656.00	N/A	\$93.28	\$95.33	\$96.35	\$99.43	\$656.00	N/A	\$93.28	\$666.25	N/A	\$93.28
MRV Communications, Inc.	EM316MUX41N315B	Passive Mux Single Fiber MU Connectors, 1470-1530nm and dual bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$2,550.00	36%	\$1,632.00	N/A	\$232.05	\$237.15	\$239.70	\$247.35	\$1,632.00	N/A	\$232.05	\$1,657.50	N/A	\$232.05
MRV Communications, Inc.	EM316MUX42N315B	Passive Mux Single Fiber MU Connectors, 1550-1610nm and dual bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$2,550.00	36%	\$1,632.00	N/A	\$232.05	\$237.15	\$239.70	\$247.35	\$1,632.00	N/A	\$232.05	\$1,657.50	N/A	\$232.05
MRV Communications, Inc.	EM316MUX8N315BD	Passive Mux Single Fiber MU Connectors, Wavelength 1470-1610nm and dual bi-directional OSC 1310/1350nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$4,250.00	36%	\$2,720.00	N/A	\$386.75	\$395.25	\$399.50	\$412.25	\$2,720.00	N/A	\$386.75	\$2,762.50	N/A	\$386.75
MRV Communications, Inc.	EM316MXMUSC16	Passive Mux with 16-MU Port connectors, Single Fiber, SC Connector Trunk. Wavelength 1310-1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$6,500.00	36%	\$4,160.00	N/A	\$591.50	\$604.50	\$611.00	\$630.50	\$4,160.00	N/A	\$591.50	\$4,225.00	N/A	\$591.50
MRV Communications, Inc.	EM316OSC/XX	Optical Service Channel Module, Dual Fiber, (XX=Wavelength) LC Connectors. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM316OSSH	Wide Band Optical Switch, Self Healing, 1270-1610nm	Each	WDM Solutions	\$2,650.00	36%	\$1,696.00	N/A	\$241.15	\$246.45	\$249.10	\$257.05	\$1,696.00	N/A	\$241.15	\$1,722.50	N/A	\$241.15
MRV Communications, Inc.	EM316PAD-XX	1-Channel Add/Drop Module Dual Fiber (xx=Wavelength). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	EM316PAD-XXXX	2-Channel Add/Drop Module Dual Fiber (xxyy=Wavelength). (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM316PADM41-MU	4-Channel Add/Drop Module Dual Fiber 1470-1530nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	EM316PADM42-MU	4-Channel Add/Drop Module Dual Fiber 1550-1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$3,495.00	36%	\$2,236.80	N/A	\$318.05	\$325.04	\$328.53	\$339.02	\$2,236.80	N/A	\$318.05	\$2,271.75	N/A	\$318.05
MRV Communications, Inc.	EM316PADM8	8-Channel Add/Drop Module Dual Fiber 1470-1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$6,995.00	36%	\$4,476.80	N/A	\$636.55	\$650.54	\$657.53	\$678.52	\$4,476.80	N/A	\$636.55	\$4,546.75	N/A	\$636.55
MRV Communications, Inc.	EM316PADMS/XX	Passive Star Add/Drop module with 2 LC and 1-DSC connectors, xx represents the Wavelength	Each	WDM Solutions	\$1,800.00	36%	\$1,152.00	N/A	\$163.80	\$167.40	\$169.20	\$174.60	\$1,152.00	N/A	\$163.80	\$1,170.00	N/A	\$163.80
MRV Communications, Inc.	EM316PAMULC41	Passive Mux & DeMux with 4-MU Port connectors, LC Dual Fiber Trunk Connector. Wavelength 1470 - 1530nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$3,250.00	36%	\$2,080.00	N/A	\$295.75	\$302.25	\$305.50	\$315.25	\$2,080.00	N/A	\$295.75	\$2,112.50	N/A	\$295.75

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316PAMULC41N	Passive Mux & DeMux with 4-MU Port connectors, LC Dual Fiber Trunk Connector. Wavelength 1470 - 1530nm with 1310nm Optical Service Channel. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$4,250.00	36%	\$2,720.00	N/A	\$386.75	\$395.25	\$399.50	\$412.25	\$2,720.00	N/A	\$386.75	\$2,762.50	N/A	\$386.75
MRV Communications, Inc.	EM316PAMULC42	Passive Mux & DeMux with 4-MU Port connectors, Dual Fiber, LC Dual Fiber Trunk Connector. Wavelength 1550 - 1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$3,250.00	36%	\$2,080.00	N/A	\$295.75	\$302.25	\$305.50	\$315.25	\$2,080.00	N/A	\$295.75	\$2,112.50	N/A	\$295.75
MRV Communications, Inc.	EM316PAMULC42N	Passive Mux & DeMux with 4-MU Port connectors, LC Dual Fiber Trunk Connector. Wavelength 1550-1610nm with 1310nm Optical Service Channel. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$4,250.00	36%	\$2,720.00	N/A	\$386.75	\$395.25	\$399.50	\$412.25	\$2,720.00	N/A	\$386.75	\$2,762.50	N/A	\$386.75
MRV Communications, Inc.	EM316PAMULC8	Passive Mux & DeMux with 8-MU Port connectors, LC Trunk Connector. Wavelength 1470,1490, 1510,1530,1550,1570, 1590,1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$6,500.00	36%	\$4,160.00	N/A	\$591.50	\$604.50	\$611.00	\$630.50	\$4,160.00	N/A	\$591.50	\$4,225.00	N/A	\$591.50
MRV Communications, Inc.	EM316PAMULC8N	Passive Mux & DeMux with 8-MU Port connectors, LC Trunk Connector. Wavelength 1470,1490, 1510,1530,1550,1570, 1590,1610nm with 1310nm Optical Service Channel. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$7,500.00	36%	\$4,800.00	N/A	\$682.50	\$697.50	\$705.00	\$727.50	\$4,800.00	N/A	\$682.50	\$4,875.00	N/A	\$682.50
MRV Communications, Inc.	EM316PAMUSCD41	Passive DeMux with 4-MU port Connectors, SC Single Fiber Trunk Connector. Wavelength 1470 - 1530nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,750.00	36%	\$1,120.00	N/A	\$159.25	\$162.75	\$164.50	\$169.75	\$1,120.00	N/A	\$159.25	\$1,137.50	N/A	\$159.25
MRV Communications, Inc.	EM316PAMUSCD42	Passive DeMux with 4-MU port Connectors, SC Single Fiber Trunk Connector. Wavelength 1550 - 1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,750.00	36%	\$1,120.00	N/A	\$159.25	\$162.75	\$164.50	\$169.75	\$1,120.00	N/A	\$159.25	\$1,137.50	N/A	\$159.25
MRV Communications, Inc.	EM316PAMUSCD8	Passive DeMux with 8-MU Port Connectors, Single Fiber, SC Connector Trunk, Wavelength 1470-1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$3,250.00	36%	\$2,080.00	N/A	\$295.75	\$302.25	\$305.50	\$315.25	\$2,080.00	N/A	\$295.75	\$2,112.50	N/A	\$295.75
MRV Communications, Inc.	EM316PAMUSCM41	Passive Mux with 4-MU port Connectors, SC Single Fiber Trunk Connector. Wavelength 1470-1530nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,750.00	36%	\$1,120.00	N/A	\$159.25	\$162.75	\$164.50	\$169.75	\$1,120.00	N/A	\$159.25	\$1,137.50	N/A	\$159.25
MRV Communications, Inc.	EM316PAMUSCM42	Passive Mux with 4-MU port Connectors, SC Single Fiber Trunk Connector. Wavelength 1550 - 1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$1,750.00	36%	\$1,120.00	N/A	\$159.25	\$162.75	\$164.50	\$169.75	\$1,120.00	N/A	\$159.25	\$1,137.50	N/A	\$159.25

Area NW Hardware

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 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

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 > NYS OGS: PT61515

Used to determine Reasonableness of Price  
 > MHEC: MC10-F05

Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM316PAMUSCM8	Passive Mux with 8-MU Port connectors, Single Fiber, SC Connector Trunk, Wavelength 1470-1610nm. (Includes MU to LC Cables, 12", SM)	Each	WDM Solutions	\$3,250.00	36%	\$2,080.00	N/A	\$295.75	\$302.25	\$305.50	\$315.25	\$2,080.00	N/A	\$295.75	\$2,112.50	N/A	\$295.75
MRV Communications, Inc.	EM316PLC/5559	Protocol Independent Single Fiber TX:1550, RX:1590nm, Single Mode with LC/SC Connectors	Each	WDM Solutions	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	EM316PSC/5559	Protocol Independent Single Fiber TX:1550, RX:1590nm, Single Mode with SC Connectors	Each	WDM Solutions	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	EM316RBHBS	Red Blue Band Splitter. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$995.00	36%	\$636.80	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$636.80	N/A	\$90.55	\$646.75	N/A	\$90.55
MRV Communications, Inc.	EM316SOSCB/3135	Single Fiber OSC Add/Drop Modules, East or West, 1 channel/ 2 wavelengths 1310/1350nm. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$1,395.00	36%	\$892.80	N/A	\$126.95	\$129.74	\$131.13	\$135.32	\$892.80	N/A	\$126.95	\$906.75	N/A	\$126.95
MRV Communications, Inc.	EM316WP/5155	Protocol Independent Single Fiber TX:1510, RX:1550nm, Single Mode with SC Connectors	Each	WDM Solutions	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	EM316WP/53S	Protocol Independent Two Wavelength Passive WDM, SM; (SC), 1310/1550nm	Each	WDM Solutions	\$895.00	36%	\$572.80	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$572.80	N/A	\$81.45	\$581.75	N/A	\$81.45
MRV Communications, Inc.	EM316WP2/5155	Protocol Independent Single Fiber TX:1510, RX:1550nm, Single Mode with SC Connectors; Dual Fiber	Each	WDM Solutions	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM316WP2/53S	Protocol Independent 2-Passive Two Wavelength Passive WDM 1310/1550, Single Mode; Dual Fiber	Each	WDM Solutions	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM316WP2/5961	Protocol Independent Single Fiber TX:1590, RX:1610nm, Single Mode with SC Connectors; Dual Fiber	Each	WDM Solutions	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM400-PS/AC	Redundant power supply for the LD400/AC (90-240V AC)	Each	WDM Solutions	\$335.00	36%	\$214.40	N/A	\$30.49	\$31.16	\$31.49	\$32.50	\$214.40	N/A	\$30.49	\$217.75	N/A	\$30.49
MRV Communications, Inc.	EM400-PS/DC	Redundant power supply for the LD400/DC (48V DC)	Each	WDM Solutions	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	EM400P-PS/AC	AC (90-240V) Power supply for LD400P/L	Each	WDM Solutions	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	EM400P-PS/DC	DC (48V)Power supply for LD400P/L	Each	WDM Solutions	\$475.00	36%	\$304.00	N/A	\$43.23	\$44.18	\$44.65	\$46.08	\$304.00	N/A	\$43.23	\$308.75	N/A	\$43.23
MRV Communications, Inc.	EM800-CIN502	C-Band dual 50GHz Interleaver for LD800.	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM800-CLBS2	C-L dual Band Splitter for LD800	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM800-DCM	80km multichannel DCM for LD800, LD400 or LDP300	Each	WDM Solutions	\$9,995.00	36%	\$6,396.80	N/A	\$909.55	\$929.54	\$939.53	\$969.52	\$6,396.80	N/A	\$909.55	\$6,496.75	N/A	\$909.55
MRV Communications, Inc.	EM800-DCMD	80km multichannel Dual DCM for LD800, LD400 or LDP300	Each	WDM Solutions	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55
MRV Communications, Inc.	EM800-DMUX16/CW	16 wavelengths CWDM Demultiplexer module for LD800	Each	WDM Solutions	\$6,495.00	36%	\$4,156.80	N/A	\$591.05	\$604.04	\$610.53	\$630.02	\$4,156.80	N/A	\$591.05	\$4,221.75	N/A	\$591.05
MRV Communications, Inc.	EM800-DMUX16B	16 100G spacing (ch#43 to #58) DWDM Demultiplexer module for LD800 with band splitter.	Each	WDM Solutions	\$9,395.00	36%	\$6,012.80	N/A	\$854.95	\$873.74	\$883.13	\$911.32	\$6,012.80	N/A	\$854.95	\$6,106.75	N/A	\$854.95

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM800-DMUX16R	16 100G spacing (ch#21 - #36) DWDM Demultiplexer module for LD800.	Each	WDM Solutions	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	EM800-DMUX8/CW	8 wavelengths CWDM Demultiplexer module for LD800	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM800-DMUX8B	8 200Ghz spacing wavelengths (ch#43 to ch#57) DWDM Demultiplexer module for LD800	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM800-DMUX8R	8 200Ghz spacing wavelengths (#21 - #35) DWDM Demultiplexer module for LD800.	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM800-DSRV	Dual OSC module for LD800.	Each	WDM Solutions	\$2,495.00	36%	\$1,596.80	N/A	\$227.05	\$232.04	\$234.53	\$242.02	\$1,596.80	N/A	\$227.05	\$1,621.75	N/A	\$227.05
MRV Communications, Inc.	EM800-MDMUX8B	8 200Ghz spacing wavelengths (ch#43 to ch#57) DWDM MUX/DeMux module for LD800.	Each	WDM Solutions	\$9,995.00	36%	\$6,396.80	N/A	\$909.55	\$929.54	\$939.53	\$969.52	\$6,396.80	N/A	\$909.55	\$6,496.75	N/A	\$909.55
MRV Communications, Inc.	EM800-MDMUX8R	8 200Ghz spacing wavelengths (#21 - #35) DWDM MUX/DeMux module for LD800.	Each	WDM Solutions	\$9,995.00	36%	\$6,396.80	N/A	\$909.55	\$929.54	\$939.53	\$969.52	\$6,396.80	N/A	\$909.55	\$6,496.75	N/A	\$909.55
MRV Communications, Inc.	EM800-MDX8/CW	8 wavelengths CWDM Mux/DMux module for LD800	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM800-MNGP	MNG Management Module for the LD200/400/800P/L.	Each	WDM Solutions	\$1,235.00	36%	\$790.40	N/A	\$112.39	\$114.86	\$116.09	\$119.80	\$790.40	N/A	\$112.39	\$802.75	N/A	\$112.39
MRV Communications, Inc.	EM800-MP2	Dual 5% Monitoring port module for LD400/800.	Each	WDM Solutions	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	EM800-MP2-50	Dual 50% Monitoring port module for LD400/800.	Each	WDM Solutions	\$795.00	36%	\$508.80	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$508.80	N/A	\$72.35	\$516.75	N/A	\$72.35
MRV Communications, Inc.	EM800-MUX16/CW	16 wavelengths CWDM Multiplexer module for LD800.	Each	WDM Solutions	\$6,495.00	36%	\$4,156.80	N/A	\$591.05	\$604.04	\$610.53	\$630.02	\$4,156.80	N/A	\$591.05	\$4,221.75	N/A	\$591.05
MRV Communications, Inc.	EM800-MUX16B	16 100G spacing (ch#43 to #58) DWDM Multiplexer module for LD800 with band splitter.	Each	WDM Solutions	\$9,395.00	36%	\$6,012.80	N/A	\$854.95	\$873.74	\$883.13	\$911.32	\$6,012.80	N/A	\$854.95	\$6,106.75	N/A	\$854.95
MRV Communications, Inc.	EM800-MUX16R	16 100G spacing (ch#21 - #36) DWDM Multiplexer module for LD800.	Each	WDM Solutions	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	EM800-MUX8/CW	8 wavelengths CWDM Multiplexer module for LD800	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	EM800-MUX8B	8 200Ghz spacing wavelengths (ch#43 to ch#57) DWDM Multiplexer module for LD800	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM800-MUX8R	8 200Ghz spacing wavelengths (#21 - #35) DWDM Multiplexer module for LD800.	Each	WDM Solutions	\$5,995.00	36%	\$3,836.80	N/A	\$545.55	\$557.54	\$563.53	\$581.52	\$3,836.80	N/A	\$545.55	\$3,896.75	N/A	\$545.55
MRV Communications, Inc.	EM800-OAB	Optical Booster Amplifier for the LambdaDriver-800 with GFF.	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55
MRV Communications, Inc.	EM800-OAB22P	Optical Booster Amplifier for the LambdaDriver-800 with +22dbm output.	Each	WDM Solutions	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55
MRV Communications, Inc.	EM800-OAB22PM	Optical Booster with Mid Stage for the LambdaDriver-800 +22dbm output.	Each	WDM Solutions	\$20,595.00	36%	\$13,180.80	N/A	\$1,874.15	\$1,915.34	\$1,935.93	\$1,997.72	\$13,180.80	N/A	\$1,874.15	\$13,386.75	N/A	\$1,874.15
MRV Communications, Inc.	EM800-OABM	Optical Booster with Mid Stage Amplifier for the LambdaDriver-800.	Each	WDM Solutions	\$13,595.00	36%	\$8,700.80	N/A	\$1,237.15	\$1,264.34	\$1,277.93	\$1,318.72	\$8,700.80	N/A	\$1,237.15	\$8,836.75	N/A	\$1,237.15
MRV Communications, Inc.	EM800-OABT24	Optical Booster Amplifier with tunable Gain for the LambdaDriver-800 +24dbm output, dual slot.	Each	WDM Solutions	\$24,995.00	36%	\$15,996.80	N/A	\$2,274.55	\$2,324.54	\$2,349.53	\$2,424.52	\$15,996.80	N/A	\$2,274.55	\$16,246.75	N/A	\$2,274.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM800-OABT24M	Optical Booster Amplifier with tunable Gain and MidStage for the LambdaDriver-800 +24dbm output, dual slot.	Each	WDM Solutions	\$25,995.00	36%	\$16,636.80	N/A	\$2,365.55	\$2,417.54	\$2,443.53	\$2,521.52	\$16,636.80	N/A	\$2,365.55	\$16,896.75	N/A	\$2,365.55
MRV Communications, Inc.	EM800-OAI	Optical In Line Amplifier for the LambdaDriver-800 with GFF	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55
MRV Communications, Inc.	EM800-OAI21P	Optical In Line Amplifier for the LambdaDriver-800 with +21dbm output.	Each	WDM Solutions	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55
MRV Communications, Inc.	EM800-OAI21PM	Optical In Line Amplifier with Mid Stage for the LambdaDriver-800 with +21dbm output.	Each	WDM Solutions	\$20,595.00	36%	\$13,180.80	N/A	\$1,874.15	\$1,915.34	\$1,935.93	\$1,997.72	\$13,180.80	N/A	\$1,874.15	\$13,386.75	N/A	\$1,874.15
MRV Communications, Inc.	EM800-OAI21PM25	Optical In Line Amplifier with Mid Stage for the LambdaDriver-800 with +21dbm output and 25db gain.	Each	WDM Solutions	\$20,595.00	36%	\$13,180.80	N/A	\$1,874.15	\$1,915.34	\$1,935.93	\$1,997.72	\$13,180.80	N/A	\$1,874.15	\$13,386.75	N/A	\$1,874.15
MRV Communications, Inc.	EM800-OAI25	Optical In Line Amplifier for the LambdaDriver-800 +17dbm output and 25db gain.	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55
MRV Communications, Inc.	EM800-OAIM	Optical In Line Amplifier with Mid Stage for the LambdaDriver-800 +17dbm output	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55
MRV Communications, Inc.	EM800-OAIM25	Optical In Line Amplifier with Mid Stage for the LambdaDriver-800 +17dbm output and 25db gain.	Each	WDM Solutions	\$12,995.00	36%	\$8,316.80	N/A	\$1,182.55	\$1,208.54	\$1,221.53	\$1,260.52	\$8,316.80	N/A	\$1,182.55	\$8,446.75	N/A	\$1,182.55
MRV Communications, Inc.	EM800-OAIT17	Optical InLine Amplifier with tunable Gain for the LambdaDriver-800 +17dbm output, dual slot.	Each	WDM Solutions	\$16,995.00	36%	\$10,876.80	N/A	\$1,546.55	\$1,580.54	\$1,597.53	\$1,648.52	\$10,876.80	N/A	\$1,546.55	\$11,046.75	N/A	\$1,546.55
MRV Communications, Inc.	EM800-OAIT17M	Optical InLine Amplifier with tunable Gain and MidStage for the LambdaDriver-800 +17dbm output, dual slot.	Each	WDM Solutions	\$17,995.00	36%	\$11,516.80	N/A	\$1,637.55	\$1,673.54	\$1,691.53	\$1,745.52	\$11,516.80	N/A	\$1,637.55	\$11,696.75	N/A	\$1,637.55
MRV Communications, Inc.	EM800-OAIT20	Optical InLine Amplifier with tunable Gain for the LambdaDriver-800 +20dbm output, dual slot.	Each	WDM Solutions	\$21,995.00	36%	\$14,076.80	N/A	\$2,001.55	\$2,045.54	\$2,067.53	\$2,133.52	\$14,076.80	N/A	\$2,001.55	\$14,296.75	N/A	\$2,001.55
MRV Communications, Inc.	EM800-OAIT20M	Optical InLine Amplifier with tunable Gain and MidStage for the LambdaDriver-800 +20dbm output, dual slot.	Each	WDM Solutions	\$22,595.00	36%	\$14,460.80	N/A	\$2,056.15	\$2,101.34	\$2,123.93	\$2,191.72	\$14,460.80	N/A	\$2,056.15	\$14,686.75	N/A	\$2,056.15
MRV Communications, Inc.	EM800-OAP	Optical Pre-Amplifier for the LambdaDriver-800 with GFF	Each	WDM Solutions	\$11,895.00	36%	\$7,612.80	N/A	\$1,082.45	\$1,106.24	\$1,118.13	\$1,153.82	\$7,612.80	N/A	\$1,082.45	\$7,731.75	N/A	\$1,082.45
MRV Communications, Inc.	EM800-OAPF10	10dB Gain Optical Pre-Amplifier for the LambdaDriver-800.	Each	WDM Solutions	\$10,595.00	36%	\$6,780.80	N/A	\$964.15	\$985.34	\$995.93	\$1,027.72	\$6,780.80	N/A	\$964.15	\$6,886.75	N/A	\$964.15
MRV Communications, Inc.	EM800-OAPM	Optical Pre-Amplifier with Mid Stage for the LambdaDriver-800	Each	WDM Solutions	\$12,495.00	36%	\$7,996.80	N/A	\$1,137.05	\$1,162.04	\$1,174.53	\$1,212.02	\$7,996.80	N/A	\$1,137.05	\$8,121.75	N/A	\$1,137.05
MRV Communications, Inc.	EM800-OCMC	Optical Channel Monitor (C-band) module for LD chassis.	Each	WDM Solutions	\$16,995.00	36%	\$10,876.80	N/A	\$1,546.55	\$1,580.54	\$1,597.53	\$1,648.52	\$10,876.80	N/A	\$1,546.55	\$11,046.75	N/A	\$1,546.55
MRV Communications, Inc.	EM800-RBBS2	Red-Blue dual Band Splitter LD800	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	EM800-RBBS4	Red-Blue quad Band Splitter LD800	Each	WDM Solutions	\$3,995.00	36%	\$2,556.80	N/A	\$363.55	\$371.54	\$375.53	\$387.52	\$2,556.80	N/A	\$363.55	\$2,596.75	N/A	\$363.55
MRV Communications, Inc.	EM800-RED	Redundant link module for LD800	Each	WDM Solutions	\$4,055.00	36%	\$2,595.20	N/A	\$369.01	\$377.12	\$381.17	\$393.34	\$2,595.20	N/A	\$369.01	\$2,635.75	N/A	\$369.01
MRV Communications, Inc.	EM800-RED/NS	Redundant link module for LD800 w/o OSC	Each	WDM Solutions	\$2,555.00	36%	\$1,635.20	N/A	\$232.51	\$237.62	\$240.17	\$247.84	\$1,635.20	N/A	\$232.51	\$1,660.75	N/A	\$232.51

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	EM800-SOAB	Single channel Optical Booster Amplifier for the LambdaDriver-800 with +18dbm output	Each	WDM Solutions	\$9,995.00	36%	\$6,396.80	N/A	\$909.55	\$929.54	\$939.53	\$969.52	\$6,396.80	N/A	\$909.55	\$6,496.75	N/A	\$909.55
MRV Communications, Inc.	EM800-SOAB13	Single channel Optical Booster Amplifier for the LambdaDriver-800 with +13dbm output	Each	WDM Solutions	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	EM800-SOAB22P	Single channel Optical Booster Amplifier for the LambdaDriver-800 with +22dbm output and 20db gain.	Each	WDM Solutions	\$17,995.00	36%	\$11,516.80	N/A	\$1,637.55	\$1,673.54	\$1,691.53	\$1,745.52	\$11,516.80	N/A	\$1,637.55	\$11,696.75	N/A	\$1,637.55
MRV Communications, Inc.	EM800-SOAI	Single channel Optical In Line Amplifier for the LambdaDriver-800 +13dbm output	Each	WDM Solutions	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	EM800-SOAIM	Single channel Optical In Line Amplifier with Mid Stage for the LambdaDriver-800 +13dbm output	Each	WDM Solutions	\$9,595.00	36%	\$6,140.80	N/A	\$873.15	\$892.34	\$901.93	\$930.72	\$6,140.80	N/A	\$873.15	\$6,236.75	N/A	\$873.15
MRV Communications, Inc.	EM800-SOAP	Single channel Optical Pre-Amplifier for the LambdaDriver-800.	Each	WDM Solutions	\$8,995.00	36%	\$5,756.80	N/A	\$818.55	\$836.54	\$845.53	\$872.52	\$5,756.80	N/A	\$818.55	\$5,846.75	N/A	\$818.55
MRV Communications, Inc.	EM800-SRV	Service module for LD800.	Each	WDM Solutions	\$1,295.00	36%	\$828.80	N/A	\$117.85	\$120.44	\$121.73	\$125.62	\$828.80	N/A	\$117.85	\$841.75	N/A	\$117.85
MRV Communications, Inc.	EM800/TR-BLANK	LD800 Transponder Module Blank panel	Each	WDM Solutions	\$30.00	36%	\$19.20	N/A	\$2.73	\$2.79	\$2.82	\$2.91	\$19.20	N/A	\$2.73	\$19.50	N/A	\$2.73
MRV Communications, Inc.	EM800P-PS/AC	AC (90-240V) Power supply for LD800P and LD1600P.L.	Each	WDM Solutions	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	EM800P-PS/AC	AC (90-240V) Power supply for LD800P and LD1600P.L.	Each	WDM Solutions	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	EM800P-PS/DC	DC (48V) Power supply for LD800P and LD1600P.L.	Each	WDM Solutions	\$475.00	36%	\$304.00	N/A	\$43.23	\$44.18	\$44.65	\$46.08	\$304.00	N/A	\$43.23	\$308.75	N/A	\$43.23
MRV Communications, Inc.	EM800P-PS/DC	DC (48V) Power supply for LD800P and LD1600P.L.	Each	WDM Solutions	\$475.00	36%	\$304.00	N/A	\$43.23	\$44.18	\$44.65	\$46.08	\$304.00	N/A	\$43.23	\$308.75	N/A	\$43.23
MRV Communications, Inc.	LD1600	LambdaDriver-1600, 16 short and 6 long slots, DWDM Chassis (EM1600 power supplies should be ordered separately).	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	LD1600L	LambdaDriver-1600, Chassis with 10 "long" and 8 "short" slots, without power supply (up to 4 EM800P-PS/xx power supplies should be ordered separately).	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	LD1600P	16 "short" and 6 "long" slots DWDM Chassis without power supply (up to 4 EM800P/xx power supplies should be ordered separately).	Each	WDM Solutions	\$2,995.00	36%	\$1,916.80	N/A	\$272.55	\$278.54	\$281.53	\$290.52	\$1,916.80	N/A	\$272.55	\$1,946.75	N/A	\$272.55
MRV Communications, Inc.	LD1600RMB21	21" Rack Mount Brackets for LD1600 Chassis	Each	WDM Solutions	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	LD1600RMB23	23" Rack Mount Brackets for LD1600 Chassis	Each	WDM Solutions	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	LD1600RN	LambdaDriver-1600 NEBS Certified Chassis without the power supply (EM1600 power supplies should be ordered separately).	Each	WDM Solutions	\$4,595.00	36%	\$2,940.80	N/A	\$418.15	\$427.34	\$431.93	\$445.72	\$2,940.80	N/A	\$418.15	\$2,986.75	N/A	\$418.15
MRV Communications, Inc.	LD200/2AC	LambdaDriver-200, 1U, 2 slot Chassis for WDM with dual AC power supply (90-240V AC).	Each	WDM Solutions	\$1,490.00	36%	\$953.60	N/A	\$135.59	\$138.57	\$140.06	\$144.53	\$953.60	N/A	\$135.59	\$968.50	N/A	\$135.59

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	LD200/2DC	LambdaDriver-200, 1U, 2 slot Chassis for WDM with dual DC power supply (48V DC).	Each	WDM Solutions	\$1,650.00	36%	\$1,056.00	N/A	\$150.15	\$153.45	\$155.10	\$160.05	\$1,056.00	N/A	\$150.15	\$1,072.50	N/A	\$150.15
MRV Communications, Inc.	LD200L/2AC	LambdaDriver-200, 1U, 1 "long" slot Chassis for WDM with dual AC power supply (90-240V AC).	Each	WDM Solutions	\$1,490.00	36%	\$953.60	N/A	\$135.59	\$138.57	\$140.06	\$144.53	\$953.60	N/A	\$135.59	\$968.50	N/A	\$135.59
MRV Communications, Inc.	LD200L/2DC	LambdaDriver-200, 1U, 1 "long" slot Chassis for WDM with dual DC power supply (48V DC).	Each	WDM Solutions	\$1,650.00	36%	\$1,056.00	N/A	\$150.15	\$153.45	\$155.10	\$160.05	\$1,056.00	N/A	\$150.15	\$1,072.50	N/A	\$150.15
MRV Communications, Inc.	LD400/2AC	LambdaDriver-400, 5 slot Chassis for WDM with dual AC power supply (90-240V AC).	Each	WDM Solutions	\$1,675.00	36%	\$1,072.00	N/A	\$152.43	\$155.78	\$157.45	\$162.48	\$1,072.00	N/A	\$152.43	\$1,088.75	N/A	\$152.43
MRV Communications, Inc.	LD400/2DC	LambdaDriver-400, 5 slot Chassis for WDM with dual DC power supply (48V DC).	Each	WDM Solutions	\$1,795.00	36%	\$1,148.80	N/A	\$163.35	\$166.94	\$168.73	\$174.12	\$1,148.80	N/A	\$163.35	\$1,166.75	N/A	\$163.35
MRV Communications, Inc.	LD400/AC	LambdaDriver-400, 5 slot Chassis for WDM with single AC power supply (90-240V AC)	Each	WDM Solutions	\$1,340.00	36%	\$857.60	N/A	\$121.94	\$124.62	\$125.96	\$129.98	\$857.60	N/A	\$121.94	\$871.00	N/A	\$121.94
MRV Communications, Inc.	LD400/DC	LambdaDriver-400, 5 slot Chassis for WDM with single DC power supply (48V DC).	Each	WDM Solutions	\$1,400.00	36%	\$896.00	N/A	\$127.40	\$130.20	\$131.60	\$135.80	\$896.00	N/A	\$127.40	\$910.00	N/A	\$127.40
MRV Communications, Inc.	LD400L	LambdaDriver-400, 2 "long" and one "short" slots Chassis for WDM without power supply.	Each	WDM Solutions	\$950.00	36%	\$608.00	N/A	\$86.45	\$88.35	\$89.30	\$92.15	\$608.00	N/A	\$86.45	\$617.50	N/A	\$86.45
MRV Communications, Inc.	LD400P	LambdaDriver-400, 5 slots Chassis for WDM without power supply.	Each	WDM Solutions	\$950.00	36%	\$608.00	N/A	\$86.45	\$88.35	\$89.30	\$92.15	\$608.00	N/A	\$86.45	\$617.50	N/A	\$86.45
MRV Communications, Inc.	LD400RMB21	21" Rack Mount Bracket for LD400 Chassis	Each	WDM Solutions	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	LD400RMB23	23" Rack Mount Bracket for LD400 Chassis	Each	WDM Solutions	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	LD400RN/2DC	LambdaDriver-400, NEBS certified, 5 slot Chassis with dual DC power supply (48V DC).	Each	WDM Solutions	\$2,290.00	36%	\$1,465.60	N/A	\$208.39	\$212.97	\$215.26	\$222.13	\$1,465.60	N/A	\$208.39	\$1,488.50	N/A	\$208.39
MRV Communications, Inc.	LD400RN/DC	LambdaDriver-400, NEBS certified, 5 slot Chassis with single DC power supply (48V DC).	Each	WDM Solutions	\$1,895.00	36%	\$1,212.80	N/A	\$172.45	\$176.24	\$178.13	\$183.82	\$1,212.80	N/A	\$172.45	\$1,231.75	N/A	\$172.45
MRV Communications, Inc.	LD800P	LambdaDriver-800, 11 slot WDM Chassis. (EM800P power supplies should be ordered separately).	Each	WDM Solutions	\$2,100.00	36%	\$1,344.00	N/A	\$191.10	\$195.30	\$197.40	\$203.70	\$1,344.00	N/A	\$191.10	\$1,365.00	N/A	\$191.10
MRV Communications, Inc.	LD800RMB21	21" Rack Mount Bracket for LD800 Chassis	Each	WDM Solutions	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	LD800RMB23	23" Rack Mount Bracket for LD800 Chassis	Each	WDM Solutions	\$100.00	36%	\$64.00	N/A	\$9.10	\$9.30	\$9.40	\$9.70	\$64.00	N/A	\$9.10	\$65.00	N/A	\$9.10
MRV Communications, Inc.	LDP100	1 slot passive unit for OADM's	Each	WDM Solutions	\$239.00	36%	\$152.96	N/A	\$21.75	\$22.23	\$22.47	\$23.18	\$152.96	N/A	\$21.75	\$155.35	N/A	\$21.75
MRV Communications, Inc.	LDP300	3 slot passive unit for OADM's	Each	WDM Solutions	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	LDP300L	One "long" and one "short" slots passive unit for OADM's.	Each	WDM Solutions	\$339.00	36%	\$216.96	N/A	\$30.85	\$31.53	\$31.87	\$32.88	\$216.96	N/A	\$30.85	\$220.35	N/A	\$30.85
MRV Communications, Inc.	NC316BU-16/NP	Non-managed, non-powered 16-slot Chassis (Three single slot and two four slot blank panels included). Upgradable to powered by adding power supplies.	Each	WDM Solutions	\$545.00	36%	\$348.80	N/A	\$49.60	\$50.69	\$51.23	\$52.87	\$348.80	N/A	\$49.60	\$354.25	N/A	\$49.60

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	NC316BU-4S/NP	Non-managed, non-powered 4-slot Chassis (Two single slot blank panels included). Upgradable to powered by adding power supplies.	Each	WDM Solutions	\$495.00	36%	\$316.80	N/A	\$45.05	\$46.04	\$46.53	\$48.02	\$316.80	N/A	\$45.05	\$321.75	N/A	\$45.05
MRV Communications, Inc.	NC316BU4PMC/NP	Non-managed, non-powered 4-slot Chassis for Fiber Driver Passive Mux/Demux Modules (not upgradable to powered).	Each	WDM Solutions	\$395.00	36%	\$252.80	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$252.80	N/A	\$35.95	\$256.75	N/A	\$35.95
MRV Communications, Inc.	OPN1600-8C2	8 X 10/100/1000BaseTx and 2 x XFP ports Ethernet Switch module for LD1600, long slot module.	Each	WDM Solutions	\$7,995.00	36%	\$5,116.80	N/A	\$727.55	\$743.54	\$751.53	\$775.52	\$5,116.80	N/A	\$727.55	\$5,196.75	N/A	\$727.55
MRV Communications, Inc.	OPN1600-8S2	8 X GE, SFP based and 2 x XFP ports Ethernet Switch module for LD1600, long slot module.	Each	WDM Solutions	\$7,995.00	36%	\$5,116.80	N/A	\$727.55	\$743.54	\$751.53	\$775.52	\$5,116.80	N/A	\$727.55	\$5,196.75	N/A	\$727.55
MRV Communications, Inc.	OPN800-8S2	8 X GE, SFP based and 2 x XFP ports Ethernet Switch module for LD400/800, dual short slot module.	Each	WDM Solutions	\$7,995.00	36%	\$5,116.80	N/A	\$727.55	\$743.54	\$751.53	\$775.52	\$5,116.80	N/A	\$727.55	\$5,196.75	N/A	\$727.55
MRV Communications, Inc.	PADMSYY/XX	CWDM OADM Uni-directional Cable, yy=Conn type MU, SC, LC, xx=Wavelength.	Each	WDM Solutions	\$595.00	36%	\$380.80	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$380.80	N/A	\$54.15	\$386.75	N/A	\$54.15
MRV Communications, Inc.	PADWLCSC/XXYY	Cable, Protocol Independent Single Fiber TX:xx, RX:yy nm, SC-common port, LC-add/drop & reflect port; xx:yy are DWDM ITU-T.	Each	WDM Solutions	\$550.00	36%	\$352.00	N/A	\$50.05	\$51.15	\$51.70	\$53.35	\$352.00	N/A	\$50.05	\$357.50	N/A	\$50.05
MRV Communications, Inc.	PADWSC/XXYY	Cable, Protocol Independent Single Fiber TX:xx, RX:yy nm, SC Connectors; xx:yy are DWDM ITU-T.	Each	WDM Solutions	\$550.00	36%	\$352.00	N/A	\$50.05	\$51.15	\$51.70	\$53.35	\$352.00	N/A	\$50.05	\$357.50	N/A	\$50.05
MRV Communications, Inc.	PASCLCAS/3S	Cable Fiber Optic, Splitter/Combiner, w/cable assembly LC-SC/APC, 1310nm, SM.	Each	WDM Solutions	\$450.00	36%	\$288.00	N/A	\$40.95	\$41.85	\$42.30	\$43.65	\$288.00	N/A	\$40.95	\$292.50	N/A	\$40.95
MRV Communications, Inc.	PASCLCAS/5S	Cable Fiber Optic, Splitter/Combiner, w/cable assembly LC-SC/APC, 1550nm, SM.	Each	WDM Solutions	\$495.00	36%	\$316.80	N/A	\$45.05	\$46.04	\$46.53	\$48.02	\$316.80	N/A	\$45.05	\$321.75	N/A	\$45.05
MRV Communications, Inc.	PASCSCAS/3S	Cable Fiber Optic, Splitter Combiner w/cable assembly, SC-SC/APC, 1310nm, SM.	Each	WDM Solutions	\$450.00	36%	\$288.00	N/A	\$40.95	\$41.85	\$42.30	\$43.65	\$288.00	N/A	\$40.95	\$292.50	N/A	\$40.95
MRV Communications, Inc.	PASCSCAS/5S	Cable Fiber Optic, Splitter Combiner w/cable assembly, SC-SC/APC, 1550nm, SM.	Each	WDM Solutions	\$495.00	36%	\$316.80	N/A	\$45.05	\$46.04	\$46.53	\$48.02	\$316.80	N/A	\$45.05	\$321.75	N/A	\$45.05
MRV Communications, Inc.	PAWLCS/xyxy	Cable, Protocol Independent Single Fiber TX:xx, RX:yy nm, SC-common port, LC-add/drop & reflect port; xx:yy are CWDM ITU-T.	Each	WDM Solutions	\$450.00	36%	\$288.00	N/A	\$40.95	\$41.85	\$42.30	\$43.65	\$288.00	N/A	\$40.95	\$292.50	N/A	\$40.95
MRV Communications, Inc.	PAWSC/xyxy	Cable, Protocol Independent Single Fiber TX:xx, RX:yy nm, SC Connectors; xx:yy are CWDM ITU-T. (Includes MU to LC Cables, 12", SM).	Each	WDM Solutions	\$450.00	36%	\$288.00	N/A	\$40.95	\$41.85	\$42.30	\$43.65	\$288.00	N/A	\$40.95	\$292.50	N/A	\$40.95
MRV Communications, Inc.	TM-6DXFPC4/xx	XFP Access port, 10GE LAN to WAN DWDM ch #xx transponder up 40Km distance, "long" slot size.	Each	WDM Solutions	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TM-6DXFPC8/xx	XFP Access port, 10GE LAN to WAN DWDM ch # xx transponder up 80Km distance, "long" slot size.	Each	WDM Solutions	\$22,995.00	36%	\$14,716.80	N/A	\$2,092.55	\$2,138.54	\$2,161.53	\$2,230.52	\$14,716.80	N/A	\$2,092.55	\$14,946.75	N/A	\$2,092.55
MRV Communications, Inc.	TM-6DXFPC8T	XFP Access port, 10GE LAN to WAN DWDM tunable wave transponder up 80Km distance, "long" slot size.	Each	WDM Solutions	\$22,995.00	36%	\$14,716.80	N/A	\$2,092.55	\$2,138.54	\$2,161.53	\$2,230.52	\$14,716.80	N/A	\$2,092.55	\$14,946.75	N/A	\$2,092.55
MRV Communications, Inc.	TM-6DXFPF16T	XFP Access port, 10GE FEC DWDM tunable wave transponder up 160Km distance, "long" slot size.	Each	WDM Solutions	\$28,995.00	36%	\$18,556.80	N/A	\$2,638.55	\$2,696.54	\$2,725.53	\$2,812.52	\$18,556.80	N/A	\$2,638.55	\$18,846.75	N/A	\$2,638.55
MRV Communications, Inc.	TM-6DXFPF20T	XFP Access port, 10GE FEC DWDM tunable wave transponder up 200Km distance, "long" slot size.	Each	WDM Solutions	\$29,995.00	36%	\$19,196.80	N/A	\$2,729.55	\$2,789.54	\$2,819.53	\$2,909.52	\$19,196.80	N/A	\$2,729.55	\$19,496.75	N/A	\$2,729.55
MRV Communications, Inc.	TM-6DXFPF8/xx	XFP Access port, 10GE FEC DWDM ch #xx transponder up 80Km distance, "long" slot size.	Each	WDM Solutions	\$22,995.00	36%	\$14,716.80	N/A	\$2,092.55	\$2,138.54	\$2,161.53	\$2,230.52	\$14,716.80	N/A	\$2,092.55	\$14,946.75	N/A	\$2,092.55
MRV Communications, Inc.	TM-6DXFPF8T	XFP Access port, 10GE FEC DWDM tunable wave transponder up 80Km distance, "long" slot size.	Each	WDM Solutions	\$22,995.00	36%	\$14,716.80	N/A	\$2,092.55	\$2,138.54	\$2,161.53	\$2,230.52	\$14,716.80	N/A	\$2,092.55	\$14,946.75	N/A	\$2,092.55
MRV Communications, Inc.	TM-DL2SFP/xx	SFP Access port, any rate (8Mbps - 2.7Gbps) DWDM ch #xx transponder with +9dbm power and up to 200Km dispersion limit.	Each	WDM Solutions	\$6,995.00	36%	\$4,476.80	N/A	\$636.55	\$650.54	\$657.53	\$678.52	\$4,476.80	N/A	\$636.55	\$4,546.75	N/A	\$636.55
MRV Communications, Inc.	TM-DXFP16T	XFP Access port, 10GE DWDM transponder up 160Km distance with tunable wavelength.	Each	WDM Solutions	\$28,995.00	36%	\$18,556.80	N/A	\$2,638.55	\$2,696.54	\$2,725.53	\$2,812.52	\$18,556.80	N/A	\$2,638.55	\$18,846.75	N/A	\$2,638.55
MRV Communications, Inc.	TM-DXFP20T	XFP Access port, 10GE DWDM transponder up 200Km distance with tunable laser.	Each	WDM Solutions	\$29,995.00	36%	\$19,196.80	N/A	\$2,729.55	\$2,789.54	\$2,819.53	\$2,909.52	\$19,196.80	N/A	\$2,729.55	\$19,496.75	N/A	\$2,729.55
MRV Communications, Inc.	TM-DXFP4/xx	XFP Access port, 10GE DWDM ch #xx transponder up 40Km distance	Each	WDM Solutions	\$16,995.00	36%	\$10,876.80	N/A	\$1,546.55	\$1,580.54	\$1,597.53	\$1,648.52	\$10,876.80	N/A	\$1,546.55	\$11,046.75	N/A	\$1,546.55
MRV Communications, Inc.	TM-DXFP8/xx	XFP Access port, 10GE DWDM ch #xx transponder up 80Km distance	Each	WDM Solutions	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55
MRV Communications, Inc.	TM-DXFP8T	XFP Access port, 10GE DWDM transponder up 80Km distance with tunable wavelength.	Each	WDM Solutions	\$19,995.00	36%	\$12,796.80	N/A	\$1,819.55	\$1,859.54	\$1,879.53	\$1,939.52	\$12,796.80	N/A	\$1,819.55	\$12,996.75	N/A	\$1,819.55
MRV Communications, Inc.	TM-FC2M4D/xx	4 X FC2 DWDM muxponder at ch#xx up to 80km.	Each	WDM Solutions	\$33,995.00	36%	\$21,756.80	N/A	\$3,093.55	\$3,161.54	\$3,195.53	\$3,297.52	\$21,756.80	N/A	\$3,093.55	\$22,096.75	N/A	\$3,093.55
MRV Communications, Inc.	TM-FC2M4D4/xx	4 X FC2 DWDM muxponder at ch#xx up to 40km.	Each	WDM Solutions	\$31,995.00	36%	\$20,476.80	N/A	\$2,911.55	\$2,975.54	\$3,007.53	\$3,103.52	\$20,476.80	N/A	\$2,911.55	\$20,796.75	N/A	\$2,911.55
MRV Communications, Inc.	TM-FC2M4D8T	4 X FC2 DWDM muxponder with tunable wavelength up to 80km.	Each	WDM Solutions	\$33,995.00	36%	\$21,756.80	N/A	\$3,093.55	\$3,161.54	\$3,195.53	\$3,297.52	\$21,756.80	N/A	\$3,093.55	\$22,096.75	N/A	\$3,093.55
MRV Communications, Inc.	TM-GM8CD/xx	8 x 1000BaseTx TDM module with DWDM 80km ch#xx trunk.	Each	WDM Solutions	\$16,495.00	36%	\$10,556.80	N/A	\$1,501.05	\$1,534.04	\$1,550.53	\$1,600.02	\$10,556.80	N/A	\$1,501.05	\$10,721.75	N/A	\$1,501.05
MRV Communications, Inc.	TM-GM8CD16T	8 x 1000BaseTx TDM module with DWDM 160km trunk with tunable wavelength.	Each	WDM Solutions	\$25,495.00	36%	\$16,316.80	N/A	\$2,320.05	\$2,371.04	\$2,396.53	\$2,473.02	\$16,316.80	N/A	\$2,320.05	\$16,571.75	N/A	\$2,320.05
MRV Communications, Inc.	TM-GM8CD4/xx	8 x 1000BaseTx TDM module with DWDM 40km ch#xx trunk.	Each	WDM Solutions	\$14,495.00	36%	\$9,276.80	N/A	\$1,319.05	\$1,348.04	\$1,362.53	\$1,406.02	\$9,276.80	N/A	\$1,319.05	\$9,421.75	N/A	\$1,319.05
MRV Communications, Inc.	TM-GM8CD8T	8 x 1000BaseTx TDM module with DWDM 80km trunk with tunable wavelength.	Each	WDM Solutions	\$16,495.00	36%	\$10,556.80	N/A	\$1,501.05	\$1,534.04	\$1,550.53	\$1,600.02	\$10,556.80	N/A	\$1,501.05	\$10,721.75	N/A	\$1,501.05

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TM-GM8D/xx	8 x GE TDM module with DWDM 80km ch#xx trunk.	Each	WDM Solutions	\$15,995.00	36%	\$10,236.80	N/A	\$1,455.55	\$1,487.54	\$1,503.53	\$1,551.52	\$10,236.80	N/A	\$1,455.55	\$10,396.75	N/A	\$1,455.55
MRV Communications, Inc.	TM-GM8D16T	8 x GE TDM module with DWDM 160km trunk with tunable wavelength.	Each	WDM Solutions	\$24,995.00	36%	\$15,996.80	N/A	\$2,274.55	\$2,324.54	\$2,349.53	\$2,424.52	\$15,996.80	N/A	\$2,274.55	\$16,246.75	N/A	\$2,274.55
MRV Communications, Inc.	TM-GM8D4/xx	8 x GE TDM module with DWDM 40km ch#xx trunk.	Each	WDM Solutions	\$13,995.00	36%	\$8,956.80	N/A	\$1,273.55	\$1,301.54	\$1,315.53	\$1,357.52	\$8,956.80	N/A	\$1,273.55	\$9,096.75	N/A	\$1,273.55
MRV Communications, Inc.	TM-GM8D8T	8 x GE TDM module with DWDM 80km trunk with tunable wavelength.	Each	WDM Solutions	\$15,995.00	36%	\$10,236.80	N/A	\$1,455.55	\$1,487.54	\$1,503.53	\$1,551.52	\$10,236.80	N/A	\$1,455.55	\$10,396.75	N/A	\$1,455.55
MRV Communications, Inc.	TM-GM8XFP	8 x GE (SFP) TDM module with XFP line port.	Each	WDM Solutions	\$4,595.00	36%	\$2,940.80	N/A	\$418.15	\$427.34	\$431.93	\$445.72	\$2,940.80	N/A	\$418.15	\$2,986.75	N/A	\$418.15
MRV Communications, Inc.	TM-OCM48D/xx	4 X OC48/STM16 DWDM muxponder at ch#xx up to 80km.	Each	WDM Solutions	\$29,995.00	36%	\$19,196.80	N/A	\$2,729.55	\$2,789.54	\$2,819.53	\$2,909.52	\$19,196.80	N/A	\$2,729.55	\$19,496.75	N/A	\$2,729.55
MRV Communications, Inc.	TM-OCM48D16T	4 X OC48/STM16 DWDM muxponder 160km trunk with tunable wavelength.	Each	WDM Solutions	\$38,995.00	36%	\$24,956.80	N/A	\$3,548.55	\$3,626.54	\$3,665.53	\$3,782.52	\$24,956.80	N/A	\$3,548.55	\$25,346.75	N/A	\$3,548.55
MRV Communications, Inc.	TM-OCM48D20T	4 X OC48/STM16 DWDM muxponder trunk with tunable wavelength and dispersion up to 200km.	Each	WDM Solutions	\$43,995.00	36%	\$28,156.80	N/A	\$4,003.55	\$4,091.54	\$4,135.53	\$4,267.52	\$28,156.80	N/A	\$4,003.55	\$28,596.75	N/A	\$4,003.55
MRV Communications, Inc.	TM-OCM48D4/xx	4 X OC48/STM16 DWDM muxponder at ch#xx up to 40km.	Each	WDM Solutions	\$27,995.00	36%	\$17,916.80	N/A	\$2,547.55	\$2,603.54	\$2,631.53	\$2,715.52	\$17,916.80	N/A	\$2,547.55	\$18,196.75	N/A	\$2,547.55
MRV Communications, Inc.	TM-OCM48D8T	4 X OC48/STM16 DWDM muxponder 80km trunk with tunable wavelength.	Each	WDM Solutions	\$30,095.00	36%	\$19,260.80	N/A	\$2,738.65	\$2,798.84	\$2,828.93	\$2,919.22	\$19,260.80	N/A	\$2,738.65	\$19,561.75	N/A	\$2,738.65
MRV Communications, Inc.	TM2-SFP4G	SFP based, 8Mbps to 4Gbps dual transponder.	Each	WDM Solutions	\$1,995.00	36%	\$1,276.80	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,276.80	N/A	\$181.55	\$1,296.75	N/A	\$181.55
MRV Communications, Inc.	TM2-SFPPXFP	SFP+ Access and XFP Line ports, full 3R 10GE or STM64/OC192 or 10GFC dual transponder.	Each	WDM Solutions	\$3,995.00	36%	\$2,556.80	N/A	\$363.55	\$371.54	\$375.53	\$387.52	\$2,556.80	N/A	\$363.55	\$2,596.75	N/A	\$363.55
MRV Communications, Inc.	TM2-SFPPXFPFC8	SFP+ Access and XFP Line ports, 2/4/8Gbps FC dual transponder.	Each	WDM Solutions	\$3,995.00	36%	\$2,556.80	N/A	\$363.55	\$371.54	\$375.53	\$387.52	\$2,556.80	N/A	\$363.55	\$2,596.75	N/A	\$363.55
MRV Communications, Inc.	TM2-XFP	XFP Access and Line ports, 10Gbps dual transponder for 10GE, 10GFC, STM64/OC192.	Each	WDM Solutions	\$3,995.00	36%	\$2,556.80	N/A	\$363.55	\$371.54	\$375.53	\$387.52	\$2,556.80	N/A	\$363.55	\$2,596.75	N/A	\$363.55
MRV Communications, Inc.	XFP-DWLR08F8-xx	XFP 2/4/8Gbps, SM DWDM (XX + ITU C-Band Channels 17-61 for 100 GHz), 80 km, with Digital Diagnostics.	Each	WDM Solutions	\$12,406.00	36%	\$7,939.84	N/A	\$1,128.95	\$1,153.76	\$1,166.16	\$1,203.38	\$7,939.84	N/A	\$1,128.95	\$8,063.90	N/A	\$1,128.95
MRV Communications, Inc.	10-00-M015C	47" pedestal concrete mount ***	Each	Wireless	\$995.00	30%	\$696.50	N/A	\$90.55	\$92.54	\$93.53	\$96.52	\$696.50	N/A	\$90.55	\$696.50	N/A	\$90.55
MRV Communications, Inc.	10-00-M022C	34" wall mount pedestal ***	Each	Wireless	\$895.00	30%	\$626.50	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$626.50	N/A	\$81.45	\$626.50	N/A	\$81.45
MRV Communications, Inc.	10-00-M050C	34" pedestal concrete mount ***	Each	Wireless	\$695.00	30%	\$486.50	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$486.50	N/A	\$63.25	\$486.50	N/A	\$63.25
MRV Communications, Inc.	10-00-M051C	22" extended wall concrete mount ***	Each	Wireless	\$895.00	30%	\$626.50	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$626.50	N/A	\$81.45	\$626.50	N/A	\$81.45
MRV Communications, Inc.	10-00-M053C	22" wall mount pedestal ***	Each	Wireless	\$895.00	30%	\$626.50	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$626.50	N/A	\$81.45	\$626.50	N/A	\$81.45
MRV Communications, Inc.	10-00-M054C	10" wall mount pedestal ***	Each	Wireless	\$775.00	30%	\$542.50	N/A	\$70.53	\$72.08	\$72.85	\$75.18	\$542.50	N/A	\$70.53	\$542.50	N/A	\$70.53
MRV Communications, Inc.	10-00-M055C	22" pedestal concrete mount ***	Each	Wireless	\$695.00	30%	\$486.50	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$486.50	N/A	\$63.25	\$486.50	N/A	\$63.25
MRV Communications, Inc.	10-00-M056C	34" extended wall concrete mount ***	Each	Wireless	\$895.00	30%	\$626.50	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$626.50	N/A	\$81.45	\$626.50	N/A	\$81.45
MRV Communications, Inc.	10-00-M057C	22" pedestal beam mount ***	Each	Wireless	\$695.00	30%	\$486.50	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$486.50	N/A	\$63.25	\$486.50	N/A	\$63.25
MRV Communications, Inc.	10-00-M058C	34" pedestal beam mount ***	Each	Wireless	\$895.00	30%	\$626.50	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$626.50	N/A	\$81.45	\$626.50	N/A	\$81.45
MRV Communications, Inc.	10-00-M059C	47" pedestal beam mount ***	Each	Wireless	\$895.00	30%	\$626.50	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$626.50	N/A	\$81.45	\$626.50	N/A	\$81.45
MRV Communications, Inc.	10-00-M062C	22" extended wall beam mount ***	Each	Wireless	\$795.00	30%	\$556.50	N/A	\$72.35	\$73.94	\$74.73	\$77.12	\$556.50	N/A	\$72.35	\$556.50	N/A	\$72.35

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	10-00-M063C	34" extended wall beam mount ***	Each	Wireless	\$895.00	30%	\$626.50	N/A	\$81.45	\$83.24	\$84.13	\$86.82	\$626.50	N/A	\$81.45	\$626.50	N/A	\$81.45
MRV Communications, Inc.	10-00-M064C	12" extended wall beam mount ***	Each	Wireless	\$695.00	30%	\$486.50	N/A	\$63.25	\$64.64	\$65.33	\$67.42	\$486.50	N/A	\$63.25	\$486.50	N/A	\$63.25
MRV Communications, Inc.	AD-5000	Alignment Device for TS4000/XXX and TS5000/XXX links. This special alignment head has a very fine and accurate rotation movement with 0.09mrad precision, that aid the installer in easily and quickly performing optimal alignment. (2 units are supplied free	Each	Wireless	\$1,400.00	30%	\$980.00	N/A	\$127.40	\$130.20	\$131.60	\$135.80	\$980.00	N/A	\$127.40	\$980.00	N/A	\$127.40
MRV Communications, Inc.	EM2003-2PAL/A	Dual port 100 BaseFX Uplink of the OptiSwitch Family (MM, 850nm) for TS1/A/DST	Each	Wireless	\$1,995.00	30%	\$1,396.50	N/A	\$181.55	\$185.54	\$187.53	\$193.52	\$1,396.50	N/A	\$181.55	\$1,396.50	N/A	\$181.55
MRV Communications, Inc.	EM2003-2PAL/C	Dual port 100 BaseFX Uplink of the OptiSwitch Family (MM, 850nm) for TS1/C/DST	Each	Wireless	\$2,495.00	30%	\$1,746.50	N/A	\$227.05	\$232.04	\$234.53	\$242.02	\$1,746.50	N/A	\$227.05	\$1,746.50	N/A	\$227.05
MRV Communications, Inc.	EM2004-2PAL/A	Dual port 100 BaseFX Uplink with QoS support of the OptiSwitch Family (MM, 850nm) for TS1/A/DST	Each	Wireless	\$2,245.00	30%	\$1,571.50	N/A	\$204.30	\$208.79	\$211.03	\$217.77	\$1,571.50	N/A	\$204.30	\$1,571.50	N/A	\$204.30
MRV Communications, Inc.	EM2004-2PAL/C	Dual port 100 BaseFX Uplink with QoS support of the OptiSwitch Family (MM, 850nm) for TS1/C/DST	Each	Wireless	\$2,745.00	30%	\$1,921.50	N/A	\$249.80	\$255.29	\$258.03	\$266.27	\$1,921.50	N/A	\$249.80	\$1,921.50	N/A	\$249.80
MRV Communications, Inc.	FO-03/PALG/AT10	0.3m Attenuator 10.5 db F/O cable, to be used with TS1000P/C if installation distance is less than 120m.	Each	Wireless	\$0.00	30%	\$0.00	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A	\$0.00	\$0.00	N/A	\$0.00
MRV Communications, Inc.	FO-25/PAL/UNI	25m Fiber Optic cable for TS1/A/DST & TS1/C/DST	Each	Wireless	\$350.00	30%	\$245.00	N/A	\$31.85	\$32.55	\$32.90	\$33.95	\$245.00	N/A	\$31.85	\$245.00	N/A	\$31.85
MRV Communications, Inc.	FO-25/PALG/B	25m Fiber Optic cable for TS1/B/GIGA/DST and TS1/C/GIGA/DST	Each	Wireless	\$650.00	30%	\$455.00	N/A	\$59.15	\$60.45	\$61.10	\$63.05	\$455.00	N/A	\$59.15	\$455.00	N/A	\$59.15
MRV Communications, Inc.	FO-50/PAL/UNI	50m Fiber Optic cable for TS1/A/DST & TS1/C/DST	Each	Wireless	\$700.00	30%	\$490.00	N/A	\$63.70	\$65.10	\$65.80	\$67.90	\$490.00	N/A	\$63.70	\$490.00	N/A	\$63.70
MRV Communications, Inc.	FO-50/PALG/B	50m Fiber Optic cable for TS1/B/GIGA/DST and TS1/C/GIGA/DST	Each	Wireless	\$1,050.00	30%	\$735.00	N/A	\$95.55	\$97.65	\$98.70	\$101.85	\$735.00	N/A	\$95.55	\$735.00	N/A	\$95.55
MRV Communications, Inc.	JAH-8	Extremely robust Aiming Head for TereScope2000 series products. (2 units are supplied free of charge with every TS2000 link)	Each	Wireless	\$990.00	30%	\$693.00	N/A	\$90.09	\$92.07	\$93.06	\$96.03	\$693.00	N/A	\$90.09	\$693.00	N/A	\$90.09
MRV Communications, Inc.	JAH-L	Aiming Head for TS700/XXX and TS800/XXX links. (2 units are supplied free of charge with every TS700 and TS800 link).	Each	Wireless	\$590.00	30%	\$413.00	N/A	\$53.69	\$54.87	\$55.46	\$57.23	\$413.00	N/A	\$53.69	\$413.00	N/A	\$53.69
MRV Communications, Inc.	JITK	Installer Tool Kit. This Kit includes the work tools required for opening and closing nuts and screws of the TereScope for optimal installation. (2 units are supplied free of charge with every TereScope link). Each TS series has his own JITK.	Each	Wireless	\$99.00	30%	\$69.30	N/A	\$9.01	\$9.21	\$9.31	\$9.60	\$69.30	N/A	\$9.01	\$69.30	N/A	\$9.01

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	JMB	Mounting Bracket for TereScope TS700, TS800 series. Dedicated to WALL MOUNT INSTALLATION (90 degrees brackets). Not included in the link kit.	Each	Wireless	\$190.00	30%	\$133.00	N/A	\$17.29	\$17.67	\$17.86	\$18.43	\$133.00	N/A	\$17.29	\$133.00	N/A	\$17.29
MRV Communications, Inc.	JMP	Mounting Plate for TS700, TS800, TS2000, TS1 and TS1000P/C Series, dedicated to surface installation (2 units are supplied free of charge with every link).	Each	Wireless	\$160.00	30%	\$112.00	N/A	\$14.56	\$14.88	\$15.04	\$15.52	\$112.00	N/A	\$14.56	\$112.00	N/A	\$14.56
MRV Communications, Inc.	JMP-8	Mounting Plate for TS4000/XXX and TS5000/XXX links, dedicated to surface installation (2 units are supplied free of charge with every TS4000 and TS5000 link)	Each	Wireless	\$160.00	30%	\$112.00	N/A	\$14.56	\$14.88	\$15.04	\$15.52	\$112.00	N/A	\$14.56	\$112.00	N/A	\$14.56
MRV Communications, Inc.	JPOE-X000	Data and high power injector for TS4000/100 and TS8000/100. AC and Data in, PoE out. 30W.	Each	Wireless	\$280.00	30%	\$196.00	N/A	\$25.48	\$26.04	\$26.32	\$27.16	\$196.00	N/A	\$25.48	\$196.00	N/A	\$25.48
MRV Communications, Inc.	JSFP-155-M3L	SFP MM 1310nm LC, up to 155Mbps for TS700/100, TS800/155, TS2000/100, TS4000/100, TS4000/155, TS5000/100 and TS5000/155 models.	Each	Wireless	\$120.00	30%	\$84.00	N/A	\$10.92	\$11.16	\$11.28	\$11.64	\$84.00	N/A	\$10.92	\$84.00	N/A	\$10.92
MRV Communications, Inc.	JSFP-155-S3L	SFP SM 1310nm LC, up to 155Mbps for TS700/100, TS800/155, TS2000/100, TS4000/100, TS4000/155, TS5000/100 and TS5000/155 models.	Each	Wireless	\$135.00	30%	\$94.50	N/A	\$12.29	\$12.56	\$12.69	\$13.10	\$94.50	N/A	\$12.29	\$94.50	N/A	\$12.29
MRV Communications, Inc.	JSFP-155-S5L	SFP SM 1550nm LC, up to 155Mbps for TS700/100, TS800/155, TS2000/100, TS4000/100, TS4000/155, TS5000/100 and TS5000/155 models.	Each	Wireless	\$660.00	30%	\$462.00	N/A	\$60.06	\$61.38	\$62.04	\$64.02	\$462.00	N/A	\$60.06	\$462.00	N/A	\$60.06
MRV Communications, Inc.	JSFP-G-M8L	SFP MM 850nm LC, up to 1250Mbps for TS700/G, TS2000/G, TS5000/G models.	Each	Wireless	\$120.00	30%	\$84.00	N/A	\$10.92	\$11.16	\$11.28	\$11.64	\$84.00	N/A	\$10.92	\$84.00	N/A	\$10.92
MRV Communications, Inc.	JSFP-G-S3L	SFP SM 1310nm LC, up to 1250Mbps for TS700/G, TS2000/G, TS5000/G models.	Each	Wireless	\$195.00	30%	\$136.50	N/A	\$17.75	\$18.14	\$18.33	\$18.92	\$136.50	N/A	\$17.75	\$136.50	N/A	\$17.75
MRV Communications, Inc.	JSFP-G-S5L	SFP SM 1550nm LC, up to 1250Mbps for TS700/G, TS2000/G, TS5000/G models.	Each	Wireless	\$950.00	30%	\$665.00	N/A	\$86.45	\$88.35	\$89.30	\$92.15	\$665.00	N/A	\$86.45	\$665.00	N/A	\$86.45
MRV Communications, Inc.	JT-SNMP-HW/X00	SNMP Hardware (PCB) for TS700, TS800 and TS2000 series. Supplied with the Extended SNMP software version License. To be used as spare part.	Each	Wireless	\$750.00	30%	\$525.00	N/A	\$68.25	\$69.75	\$70.50	\$72.75	\$525.00	N/A	\$68.25	\$525.00	N/A	\$68.25
MRV Communications, Inc.	JT-SNMP-HW/X000	SNMP Hardware (PCB) for TS4000 and TS5000 series. Supplied with the Extended SNMP software version License. To be used as spare part.	Each	Wireless	\$800.00	30%	\$560.00	N/A	\$72.80	\$74.40	\$75.20	\$77.60	\$560.00	N/A	\$72.80	\$560.00	N/A	\$72.80

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	JT-SNMP-SW/B	License for the TereScope Web based SNMP Software, Basic Version. This version enables monitoring the TereScope head. A code is supplied in order to activate the SNMP software. The license is given for a specific MAC address.	Each	Wireless	\$350.00	30%	\$245.00	N/A	\$31.85	\$32.55	\$32.90	\$33.95	\$245.00	N/A	\$31.85	\$245.00	N/A	\$31.85
MRV Communications, Inc.	JT-SNMP-SW/E	License for the TereScope Web based SNMP Software, Extended Version. This version enables monitoring, controlling and managing the TereScope head. A code is supplied in order to activate the SNMP software. The license is given for a specific MAC address.	Each	Wireless	\$700.00	30%	\$490.00	N/A	\$63.70	\$65.10	\$65.80	\$67.90	\$490.00	N/A	\$63.70	\$490.00	N/A	\$63.70
MRV Communications, Inc.	JT-SNMP-SW/UP	Upgrade the TereScope SNMP software License from the Basic version to the Extended Version. The license is given for a specific MAC address.	Each	Wireless	\$350.00	30%	\$245.00	N/A	\$31.85	\$32.55	\$32.90	\$33.95	\$245.00	N/A	\$31.85	\$245.00	N/A	\$31.85
MRV Communications, Inc.	MC102-SXGPALC/2	1000 BaseSX (SC MM 850nm) to 1000 BaseFX converter for TS1/C/GIGA/DST, 100-240VAC	Each	Wireless	\$1,890.00	30%	\$1,323.00	N/A	\$171.99	\$175.77	\$177.66	\$183.33	\$1,323.00	N/A	\$171.99	\$1,323.00	N/A	\$171.99
MRV Communications, Inc.	MC102-SXGPALC/3	1001 BaseSX (SC MM 850nm) to 1000 BaseFX converter for TS1/C/GIGA/DST	Each	Wireless	\$2,245.00	30%	\$1,571.50	N/A	\$204.30	\$208.79	\$211.03	\$217.77	\$1,571.50	N/A	\$204.30	\$1,571.50	N/A	\$204.30
MRV Communications, Inc.	MC102/P/A	10/100 BaseTX to 100 BaseFX converter for TS1/A/DST	Each	Wireless	\$1,245.00	30%	\$871.50	N/A	\$113.30	\$115.79	\$117.03	\$120.77	\$871.50	N/A	\$113.30	\$871.50	N/A	\$113.30
MRV Communications, Inc.	MC102/P/C	10/100 BaseTX to 100 BaseFX converter for TS1/B/DST and TS1/C/DST	Each	Wireless	\$1,875.00	30%	\$1,312.50	N/A	\$170.63	\$174.38	\$176.25	\$181.88	\$1,312.50	N/A	\$170.63	\$1,312.50	N/A	\$170.63
MRV Communications, Inc.	MLR	Mount Lightning Rod*****	Each	Wireless	\$395.00	30%	\$276.50	N/A	\$35.95	\$36.74	\$37.13	\$38.32	\$276.50	N/A	\$35.95	\$276.50	N/A	\$35.95
MRV Communications, Inc.	PCL3	Pole Clamp 3", Inner diameter 88.9mm for pole outside diameter of 88.9mm***	Each	Wireless	\$595.00	30%	\$416.50	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$416.50	N/A	\$54.15	\$416.50	N/A	\$54.15
MRV Communications, Inc.	PCL4	Pole Clamp 4", Inner diameter 114.3mm for pole outside diameter of 114.3mm***	Each	Wireless	\$595.00	30%	\$416.50	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$416.50	N/A	\$54.15	\$416.50	N/A	\$54.15
MRV Communications, Inc.	PCL5	Pole Clamp 5", Inner diameter 141.3mm for pole outside diameter of 141.3mm***	Each	Wireless	\$595.00	30%	\$416.50	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$416.50	N/A	\$54.15	\$416.50	N/A	\$54.15
MRV Communications, Inc.	PCL6	Pole Clamp 6", Inner diameter 168.3mm for pole outside diameter of 168.3mm***	Each	Wireless	\$595.00	30%	\$416.50	N/A	\$54.15	\$55.34	\$55.93	\$57.72	\$416.50	N/A	\$54.15	\$416.50	N/A	\$54.15
MRV Communications, Inc.	PS-4000-HV	Modular insertable power supply unit for TereScope 4000 E1, T1, 4E1, 4T1, ETH and 34 series , 100-240VAC.	Each	Wireless	\$692.00	30%	\$484.40	N/A	\$62.97	\$64.36	\$65.05	\$67.12	\$484.40	N/A	\$62.97	\$484.40	N/A	\$62.97
MRV Communications, Inc.	PS-4000-LV	Modular insertable power supply unit for TereScope 4000E1, T1, 4E1, 4T1, ETH and 34 series , 35-60 VDC.	Each	Wireless	\$692.00	30%	\$484.40	N/A	\$62.97	\$64.36	\$65.05	\$67.12	\$484.40	N/A	\$62.97	\$484.40	N/A	\$62.97
MRV Communications, Inc.	PS-5000-HV	Modular insertable power supply unit for TereScope 5000 4E1, 4T1 and ETH series , 100-240VAC.	Each	Wireless	\$692.00	30%	\$484.40	N/A	\$62.97	\$64.36	\$65.05	\$67.12	\$484.40	N/A	\$62.97	\$484.40	N/A	\$62.97

Area NW Hardware

New York State Office of General Services  
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 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	PS-5000-LV	Modular insertable power supply unit for TereScope 5000 4E1, 4T1 and ETH series , 35-60VDC.	Each	Wireless	\$692.00	30%	\$484.40	N/A	\$62.97	\$64.36	\$65.05	\$67.12	\$484.40	N/A	\$62.97	\$484.40	N/A	\$62.97
MRV Communications, Inc.	PS-X000-PR-HV	Modular insertable power supply for TS4000 and TS5000, 100-240v AC.	Each	Wireless	\$592.00	30%	\$414.40	N/A	\$53.87	\$55.06	\$55.65	\$57.42	\$414.40	N/A	\$53.87	\$414.40	N/A	\$53.87
MRV Communications, Inc.	PS-X000-PR-LV	Modular insertable power supply for TS4000 and TS5000, 24-60 VDC.	Each	Wireless	\$592.00	30%	\$414.40	N/A	\$53.87	\$55.06	\$55.65	\$57.42	\$414.40	N/A	\$53.87	\$414.40	N/A	\$53.87
MRV Communications, Inc.	PS-X000-PR-POE	Modular insertable High PoE power supply for TS4000/100 and TS5000/100, 48 VDC.	Each	Wireless	\$692.00	30%	\$484.40	N/A	\$62.97	\$64.36	\$65.05	\$67.12	\$484.40	N/A	\$62.97	\$484.40	N/A	\$62.97
MRV Communications, Inc.	Telescope	Telescope 4X15 for visual alignment for TereScope 700, and 800 series products, supplied free of charge except for TereScope702/ETH.	Each	Wireless	\$110.00	30%	\$77.00	N/A	\$10.01	\$10.23	\$10.34	\$10.67	\$77.00	N/A	\$10.01	\$77.00	N/A	\$10.01
MRV Communications, Inc.	TS-FUSION	Upgrade the TereScope by adding the Fusion option. The Fusion option will be opened by a License key. The license is given for a specific MAC address. (The price doesn't include the SFPs).	Each	Wireless	\$1,000.00	30%	\$700.00	N/A	\$91.00	\$93.00	\$94.00	\$97.00	\$700.00	N/A	\$91.00	\$700.00	N/A	\$91.00
MRV Communications, Inc.	TS1/A/BDL/EM	Bundle consist of - TS1/A/DST + 2x EM2003-2PAL/A + 2x FO-25/PAL/UNI.	Each	Wireless	\$7,390.00	30%	\$5,173.00	N/A	\$672.49	\$687.27	\$694.66	\$716.83	\$5,173.00	N/A	\$672.49	\$5,173.00	N/A	\$672.49
MRV Communications, Inc.	TS1/A/BDL/LAN	Bundle consist of - TS1/A/DST + 2x EM2003-2PAL/A + 2x FO-25/PAL/UNI + 2x NH3003/AC + 2x EM2003-4T.	Each	Wireless	\$10,080.00	30%	\$7,056.00	N/A	\$917.28	\$937.44	\$947.52	\$977.76	\$7,056.00	N/A	\$917.28	\$7,056.00	N/A	\$917.28
MRV Communications, Inc.	TS1/A/BDL/MC	Bundle consist of - TS1/A/DST + 2x MC-102/P/A + 2x FO-25/PAL/UNI.	Each	Wireless	\$5,890.00	30%	\$4,123.00	N/A	\$535.99	\$547.77	\$553.66	\$571.33	\$4,123.00	N/A	\$535.99	\$4,123.00	N/A	\$535.99
MRV Communications, Inc.	TS1/A/BDL/MM	Bundle consist of - TS1/A/DST + 2x MM04E112/APAL1 + 2x FO-25/PAL/UNI.	Each	Wireless	\$7,790.00	30%	\$5,453.00	N/A	\$708.89	\$724.47	\$732.26	\$755.63	\$5,453.00	N/A	\$708.89	\$5,453.00	N/A	\$708.89
MRV Communications, Inc.	TS1/A/DST	TereScope 1, Passive Free Space Optics, 200m@30db/km and 340m@ 3db/km (clear weather), Fast Ethernet Link, 100Mbit/s, visual alignment. Basic accessories kit supplied with the link: JMP and JTK.	Each	Wireless	\$2,700.00	30%	\$1,890.00	N/A	\$245.70	\$251.10	\$253.80	\$261.90	\$1,890.00	N/A	\$245.70	\$1,890.00	N/A	\$245.70
MRV Communications, Inc.	TS1/C/BDL/EM	Bundle consist of - TS1/C/DST + 2x EM2003-2PAL/C + 2x FO-25/PAL/UNI.	Each	Wireless	\$9,090.00	30%	\$6,363.00	N/A	\$827.19	\$845.37	\$854.46	\$881.73	\$6,363.00	N/A	\$827.19	\$6,363.00	N/A	\$827.19
MRV Communications, Inc.	TS1/C/BDL/LAN	Bundle consist of - TS1/C/DST + 2x EM2003-2PAL/C + 2x FO-25/PAL/UNI + 2x NH3003/AC + 2x EM2003-4T.	Each	Wireless	\$11,780.00	30%	\$8,246.00	N/A	\$1,071.98	\$1,095.54	\$1,107.32	\$1,142.66	\$8,246.00	N/A	\$1,071.98	\$8,246.00	N/A	\$1,071.98
MRV Communications, Inc.	TS1/C/BDL/MC	Bundle consist of - TS1/C/DST + 2x MC-102/P/C + 2x FO-25/PAL/UNI.	Each	Wireless	\$7,850.00	30%	\$5,495.00	N/A	\$714.35	\$730.05	\$737.90	\$761.45	\$5,495.00	N/A	\$714.35	\$5,495.00	N/A	\$714.35
MRV Communications, Inc.	TS1/C/BDL/MM	Bundle consist of - TS1/C/DST + 2x MM04E112/CPAL1 + 2x FO-25/PAL/UNI.	Each	Wireless	\$9,490.00	30%	\$6,643.00	N/A	\$863.59	\$882.57	\$892.06	\$920.53	\$6,643.00	N/A	\$863.59	\$6,643.00	N/A	\$863.59

Area NW Hardware

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 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TS1/C/DST	TereScope 1, Passive Free Space Optics, 360m@30db/km and 830m@3db/km (clear weather), Fast Ethernet Link, 100Mbit/s, visual alignment. Basic accessories kit supplied with the link: JMP and JTK.	Each	Wireless	\$3,400.00	30%	\$2,380.00	N/A	\$309.40	\$316.20	\$319.60	\$329.80	\$2,380.00	N/A	\$309.40	\$2,380.00	N/A	\$309.40
MRV Communications, Inc.	TS1/C/GIGA/DST	TereScope 1000P/C, Passive Free Space Optics, 400m@30db/km and 990m@3db/km (clear weather), Gigabit Ethernet Link, Minimum distance: 120m, for installation less than 120m please look below at FO-03/PALG/AT10, visual alignment. Basic accessories kit supplied	Each	Wireless	\$8,900.00	30%	\$6,230.00	N/A	\$809.90	\$827.70	\$836.60	\$863.30	\$6,230.00	N/A	\$809.90	\$6,230.00	N/A	\$809.90
MRV Communications, Inc.	TS1G/C/BDL/25/A	TereScope 1000P/C bundle, consists of two transceiver heads TS1/C/GIGA/DST + two FO-25/PALG/B 25 meter fiber optic cable + two MC102-SXGPALC/2 1000 Base SX to PAL converters for TS1/C/GIGA/DST, 100-240 VAC	Each	Wireless	\$12,000.00	30%	\$8,400.00	N/A	\$1,092.00	\$1,116.00	\$1,128.00	\$1,164.00	\$8,400.00	N/A	\$1,092.00	\$8,400.00	N/A	\$1,092.00
MRV Communications, Inc.	TS1G/C/BDL/25/D	TereScope 1000P/C bundle, consists of two transceiver heads TS1/C/GIGA/DST + two FO-25/PALG/B 25 meter fiber optic cable + two MC102-SXGPALC/3 1000 Base SX to PAL converters for TS1/C/GIGA/DST, 24-60 VDC	Each	Wireless	\$12,000.00	30%	\$8,400.00	N/A	\$1,092.00	\$1,116.00	\$1,128.00	\$1,164.00	\$8,400.00	N/A	\$1,092.00	\$8,400.00	N/A	\$1,092.00
MRV Communications, Inc.	TS1G/C/BDL/50/A	TereScope 1000P/C bundle, consists of two transceiver heads TS1/C/GIGA/DST + two FO-50/PALG/B 50 meter fiber optic cable + two MC102-SXGPALC/2 1000 Base SX to PAL converters for TS1/C/GIGA/DST, 100-240 VAC	Each	Wireless	\$12,000.00	30%	\$8,400.00	N/A	\$1,092.00	\$1,116.00	\$1,128.00	\$1,164.00	\$8,400.00	N/A	\$1,092.00	\$8,400.00	N/A	\$1,092.00
MRV Communications, Inc.	TS1G/C/BDL/50/D	TereScope 1000P/C bundle, consists of two transceiver heads TS1/C/GIGA/DST + two FO-50/PALG/B 50 meter fiber optic cable + two MC102-SXGPALC/3 1000 Base SX to PAL converters for TS1/C/GIGA/DST, 24-60 VDC	Each	Wireless	\$12,000.00	30%	\$8,400.00	N/A	\$1,092.00	\$1,116.00	\$1,128.00	\$1,164.00	\$8,400.00	N/A	\$1,092.00	\$8,400.00	N/A	\$1,092.00
MRV Communications, Inc.	TS2000/4E1/V*	TereScope2000/4E1, Free Space 870m@30db/km and 3400m@3db/km (clear weather), 4E1 Link, G.703/G.704, Interface: Universal connector to be used with 75 Ohm (Coax) or 120 Ohm (STP), visual alignment. RSM-SNMP/700: optional. Power supply S or 3 (See below fo	Each	Wireless	\$12,900.00	30%	\$9,030.00	N/A	\$1,173.90	\$1,199.70	\$1,212.60	\$1,251.30	\$9,030.00	N/A	\$1,173.90	\$9,030.00	N/A	\$1,173.90

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TS2000/4T1/V*	TereScope2000/4T1 , Free Space 870m@30db/km and 3400m@3db/km (clear weather), 4T1 Link, G.703/G.704, Interface: Universal connector to be used with 100 Ohm STP cable, visual alignment. RSM-SNMP/700; optional. Power supply S or 3 (See below for power suppl	Each	Wireless	\$12,900.00	30%	\$9,030.00	N/A	\$1,173.90	\$1,199.70	\$1,212.60	\$1,251.30	\$9,030.00	N/A	\$1,173.90	\$9,030.00	N/A	\$1,173.90
MRV Communications, Inc.	TS2000/E1/V*	TereScope2000/E1 , Free Space 1000m@30db/km and 4100m@3db/km (clear weather), E1 Link, G.703/G.704, Interface: Universal connector to be used with 75 Ohm (Coax) or 120 Ohm (STP), visual alignment. RSM-SNMP/700; optional. Power supply S or 3 (See below fo	Each	Wireless	\$10,200.00	30%	\$7,140.00	N/A	\$928.20	\$948.60	\$958.80	\$989.40	\$7,140.00	N/A	\$928.20	\$7,140.00	N/A	\$928.20
MRV Communications, Inc.	TS2000/FE-O/V*	TereScope2000/100, Free Space Optics 750m@30db/km and 2580m@3db/km (clear weather), Fast-Ethernet (100Mbps) link, 100BaseTX interface with an option for an Optical SFP interface (to be ordered separately), visual alignment. SNMP software JT-SNMP-SW/B or J	Each	Wireless	\$12,900.00	30%	\$9,030.00	N/A	\$1,173.90	\$1,199.70	\$1,212.60	\$1,251.30	\$9,030.00	N/A	\$1,173.90	\$9,030.00	N/A	\$1,173.90
MRV Communications, Inc.	TS2000/FE-O/VE*	TereScope2000/100, Free Space Optics 750m@30db/km and 2580m@3db/km (clear weather), Fast-Ethernet (100Mbps) link, 100BaseTX interface with an option for an Optical SFP interface (to be ordered separately), visual alignment. JT-SNMP-SW/E included (SNMP Uni	Each	Wireless	\$14,300.00	30%	\$10,010.00	N/A	\$1,301.30	\$1,329.90	\$1,344.20	\$1,387.10	\$10,010.00	N/A	\$1,301.30	\$10,010.00	N/A	\$1,301.30
MRV Communications, Inc.	TS2000/FE-O/VM*	TereScope2000/100, Free Space Optics 750m@30db/km and 2580m@3db/km (clear weather), Fast-Ethernet (100Mbps) link, 100BaseTX interface with an option for an Optical SFP interface (to be ordered separately), visual alignment. IT-SNMP-SW/B included (SNMP Uni	Each	Wireless	\$13,600.00	30%	\$9,520.00	N/A	\$1,237.60	\$1,264.80	\$1,278.40	\$1,319.20	\$9,520.00	N/A	\$1,237.60	\$9,520.00	N/A	\$1,237.60
MRV Communications, Inc.	TS2000/T1/V*	TereScope2000/T1 , Free Space 1000m@30db/km and 4100m@3db/km (clear weather), T1 Link, G.703/G.704, Interface: Universal connector to be used with 75 Ohm (Coax) or 120 Ohm (STP), visual alignment. RSM-SNMP/700; optional. Power supply S or 3 (See below for	Each	Wireless	\$10,200.00	30%	\$7,140.00	N/A	\$928.20	\$948.60	\$958.80	\$989.40	\$7,140.00	N/A	\$928.20	\$7,140.00	N/A	\$928.20

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Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TS2000G/XYL/F*	TereScope2000-G-F with built-in Fusion, Free Space Optics 620m@30db/km and 2300@3db/km (clear weather), Selectable Protocol Link: Giga-Ethernet and Fibre Channel, visual alignment. XYL coding: SFP interface options: M8L, S3L, S5L (Standard model: TS2000G/M	Each	Wireless	\$18,900.00	30%	\$13,230.00	N/A	\$1,719.90	\$1,757.70	\$1,776.60	\$1,833.30	\$13,230.00	N/A	\$1,719.90	\$13,230.00	N/A	\$1,719.90
MRV Communications, Inc.	TS2000G/XYL/V*	TereScope2000-G, Free Space Optics 620m@30db/km and 2300@3db/km (clear weather), Selectable Protocol Link: Giga-Ethernet and Fibre Channel, visual alignment. XYL coding: SFP interface options: M8L, S3L, S5L (Standard model: TS2000G/M8L/V/S). JT-SNMP-SW/E i	Each	Wireless	\$16,900.00	30%	\$11,830.00	N/A	\$1,537.90	\$1,571.70	\$1,588.60	\$1,639.30	\$11,830.00	N/A	\$1,537.90	\$11,830.00	N/A	\$1,537.90
MRV Communications, Inc.	TS4000/4E1/V*	TereScope4000/4E1, Free Space 1130m@30db/km and 5000m@3db/km (clear weather), 4E1 Link, G.703/G.704, Interface: Universal connector to be used with 75 Ohm (Coax) or 120 Ohm (STP), visual alignment. RSM-SNMP: optional. Removable Power supply, Power supply	Each	Wireless	\$14,900.00	30%	\$10,430.00	N/A	\$1,355.90	\$1,385.70	\$1,400.60	\$1,445.30	\$10,430.00	N/A	\$1,355.90	\$10,430.00	N/A	\$1,355.90
MRV Communications, Inc.	TS4000/4T1/V*	TereScope4000/4T1, Free Space 1130m@30db/km and 5000m@3db/km (clear weather), 4T1 Link, G.703/G.704, Interface: Universal connector to be used with 100 Ohm STP cable, visual alignment. RSM-SNMP: optional. Removable Power supply, Power supply S or 3 (See below for power supply options e	Each	Wireless	\$14,900.00	30%	\$10,430.00	N/A	\$1,355.90	\$1,385.70	\$1,400.60	\$1,445.30	\$10,430.00	N/A	\$1,355.90	\$10,430.00	N/A	\$1,355.90
MRV Communications, Inc.	TS4000/E1/V*	TereScope4000/E1, Free Space 1220m@30db/km and 5500m@3db/km (clear weather), E1 Link, G.703/G.704, Interface: Universal connector to be used with 75 Ohm (Coax) or 120 Ohm (STP), visual alignment. RSM-SNMP: optional. Removable Power supply, Power supply S	Each	Wireless	\$12,900.00	30%	\$9,030.00	N/A	\$1,173.90	\$1,199.70	\$1,212.60	\$1,251.30	\$9,030.00	N/A	\$1,173.90	\$9,030.00	N/A	\$1,173.90
MRV Communications, Inc.	TS4000/ETH/V*	TereScope4000/ETH, 8 inch receiver Free Space Optics 1130m@30db/km and 5000m@3db/km (clear weather), ETHERNET Link, 10 Mbit/s, (RJ45), visual alignment. RSM-SNMP: optional. Removable Power supply, Power supply S or 3 (See below for power supply options e	Each	Wireless	\$12,900.00	30%	\$9,030.00	N/A	\$1,173.90	\$1,199.70	\$1,212.60	\$1,251.30	\$9,030.00	N/A	\$1,173.90	\$9,030.00	N/A	\$1,173.90

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TS4000/FET/F**	TereScope4000/100-F with built-in Fusion, 8 inch receiver Free Space Optics 880m@30db/km and 3500m@3db/km (clear weather), Fast Ethernet (100Mbps) link, 100BaseTX interface with an option for an Optical SFP interface (to be ordered separately). The PoE (Po	Each	Wireless	\$16,400.00	30%	\$11,480.00	N/A	\$1,492.40	\$1,525.20	\$1,541.60	\$1,590.80	\$11,480.00	N/A	\$1,492.40	\$11,480.00	N/A	\$1,492.40
MRV Communications, Inc.	TS4000/T1/V*	TereScope4000/T1 , Free Space 1220m@30db/km and 5500m@3db/km (clear weather), T1 Link, G.703/G.704, Interface: Universal connector to be used with 75 Ohm (Coax) or 120 Ohm (STP), visual alignment. RSM-SNMP: optional. Removable Power supply, Power supply S	Each	Wireless	\$12,900.00	30%	\$9,030.00	N/A	\$1,173.90	\$1,199.70	\$1,212.60	\$1,251.30	\$9,030.00	N/A	\$1,173.90	\$9,030.00	N/A	\$1,173.90
MRV Communications, Inc.	TS4000/XYL/F**	TereScope4000/155-F with built-in Fusion, 8 inch receiver Free Space Optics 880m@30db/km and 3500m@3db/km (clear weather), Open Protocol 10-155Mbps with clock recovery, visual alignment. XYL coding; SFP interface options: M3L, S3L, S5L (Standard model: TS	Each	Wireless	\$17,200.00	30%	\$12,040.00	N/A	\$1,565.20	\$1,599.60	\$1,616.80	\$1,668.40	\$12,040.00	N/A	\$1,565.20	\$12,040.00	N/A	\$1,565.20
MRV Communications, Inc.	TS5000/4E1/V*	TereScope5000/4E1, Free Space 1400m@30db/km and 6700m@3db/km (clear weather), 4E1 Link, G.703/G.704, Interface: 4 Universal connectors to be used with 75 Ohm (Coax) or 120 Ohm (STP), visual alignment. RSM-SNMP included, Removable Power supply, Power supp	Each	Wireless	\$21,000.00	30%	\$14,700.00	N/A	\$1,911.00	\$1,953.00	\$1,974.00	\$2,037.00	\$14,700.00	N/A	\$1,911.00	\$14,700.00	N/A	\$1,911.00
MRV Communications, Inc.	TS5000/4T1/V*	TereScope5000/4T1 , Free Space 1400m@30db/km and 6700m@3db/km (clear weather), 4T1 Link, G.703/G.704, Interface: 4 Universal connectors to be used with 100 Ohm STP cable, visual alignment. RSM-SNMP included, Removable Power supply, Power supply S or 3 (See	Each	Wireless	\$21,000.00	30%	\$14,700.00	N/A	\$1,911.00	\$1,953.00	\$1,974.00	\$2,037.00	\$14,700.00	N/A	\$1,911.00	\$14,700.00	N/A	\$1,911.00
MRV Communications, Inc.	TS5000/ETH/V*	TereScope5000/ETH, 8 inch receiver Free Space Optics 1400m@30db/km and 6700m@3db/km (clear weather), ETHERNET Link , 10 Mbit/s, (RJ45), visual alignment. RSM-SNMP included, Removable Power supply, Power supply S or 3 (See below for power supply options ex	Each	Wireless	\$16,900.00	30%	\$11,830.00	N/A	\$1,537.90	\$1,571.70	\$1,588.60	\$1,639.30	\$11,830.00	N/A	\$1,537.90	\$11,830.00	N/A	\$1,537.90

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TS5000/FET/F**	TereScope5000/100-F with built-in Fusion, 8 inch receiver Free Space Optics 1250m@30db/km and 5800m@3db/km (clear weather), Fast-Ethernet (100Mbps) link, 100BaseTX interface with an option for an Optical SFP interface (to be ordered separately). The PoE (P	Each	Wireless	\$25,000.00	30%	\$17,500.00	N/A	\$2,275.00	\$2,325.00	\$2,350.00	\$2,425.00	\$17,500.00	N/A	\$2,275.00	\$17,500.00	N/A	\$2,275.00
MRV Communications, Inc.	TS5000/XYL/F**	TereScope5000/155-F with built-in Fusion, 8 inch receiver Free Space Optics 1250m@30db/km and 5800m@3db/km (clear weather), Open Protocol 10-155Mbps with clock recovery, visual alignment. XYL coding; SFP interface options: M3L, S3L, S5L (Standard model: TS	Each	Wireless	\$25,800.00	30%	\$18,060.00	N/A	\$2,347.80	\$2,399.40	\$2,425.20	\$2,502.60	\$18,060.00	N/A	\$2,347.80	\$18,060.00	N/A	\$2,347.80
MRV Communications, Inc.	TS5000G/XYL/F**	TereScope 5000-G-F with built-in Fusion, 8 inch receiver Free Space Optics 870m@30db/km and 3500m@3db/km (clear weather), Open Protocol 100-1250Mbps with clock recovery, visual alignment. XYL coding; SFP interface options: M3L, S3L, S5L (Standard model: TS	Each	Wireless	\$29,200.00	30%	\$20,440.00	N/A	\$2,657.20	\$2,715.60	\$2,744.80	\$2,832.40	\$20,440.00	N/A	\$2,657.20	\$20,440.00	N/A	\$2,657.20
MRV Communications, Inc.	TS700/FE-O/V*	TereScope700/100, Free Space Optics 360m@30db/km and 880m@3db/km (clear weather), Fast-Ethernet (100Mbps) link, 100BaseTX interface with an option for an Optical SFP interface (to be ordered separately), visual alignment. SNMP software JT-SNMP-SW/B or JT-	Each	Wireless	\$4,500.00	30%	\$3,150.00	N/A	\$409.50	\$418.50	\$423.00	\$436.50	\$3,150.00	N/A	\$409.50	\$3,150.00	N/A	\$409.50
MRV Communications, Inc.	TS700/FE-O/VE*	TereScope700/100, Free Space Optics 360m@30db/km and 880m@3db/km (clear weather), Fast-Ethernet (100Mbps) link, 100BaseTX interface with an option for an Optical SFP interface (to be ordered separately), visual alignment. JT-SNMP-SW/E included (SNMP Unit	Each	Wireless	\$5,900.00	30%	\$4,130.00	N/A	\$536.90	\$548.70	\$554.60	\$572.30	\$4,130.00	N/A	\$536.90	\$4,130.00	N/A	\$536.90
MRV Communications, Inc.	TS700/FE-O/VM*	TereScope700/100, Free Space Optics 360m@30db/km and 880m@3db/km (clear weather), Fast-Ethernet (100Mbps) link, 100BaseTX interface with an option for an Optical SFP interface (to be ordered separately), visual alignment. JT-SNMP-SW/B included (SNMP Unit	Each	Wireless	\$5,200.00	30%	\$3,640.00	N/A	\$473.20	\$483.60	\$488.80	\$504.40	\$3,640.00	N/A	\$473.20	\$3,640.00	N/A	\$473.20

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TS700G/XYL/F*	TereScope700/G-F with built-in Fusion, Free Space Optics 400m@30db/km and 1000m@3db/km (clear weather), Selectable Protocol Link: Giga-Ethernet and Fibre Channel, visual alignment. XYL coding: SFP interface options: M8L, S3L, S5L (Standard model: TS700G/M	Each	Wireless	\$10,900.00	30%	\$7,630.00	N/A	\$991.90	\$1,013.70	\$1,024.60	\$1,057.30	\$7,630.00	N/A	\$991.90	\$7,630.00	N/A	\$991.90
MRV Communications, Inc.	TS700G/XYL/V*	TereScope700/G, Free Space Optics 400m@30db/km and 1000m@3db/km (clear weather), Selectable Protocol Link: Giga-Ethernet and Fibre Channel, visual alignment. XYL coding: SFP interface options: M8L, S3L, S5L (Standard model: TS700G/M8L/VS). IT-SNMP-SW/E i	Each	Wireless	\$9,900.00	30%	\$6,930.00	N/A	\$900.90	\$920.70	\$930.60	\$960.30	\$6,930.00	N/A	\$900.90	\$6,930.00	N/A	\$900.90
MRV Communications, Inc.	TS702/ETH/VS	TereScope702/ETH ("EtherLight") Free Space Optics 250m@30db/km ETHERNET Link , 10 Mbit/s (RJ45), visual alignment. Power supply V1 and V2 (user selectable)*. Basic accessories kit supplied with the link.JMP.	Each	Wireless	\$1,667.00	30%	\$1,166.90	N/A	\$151.70	\$155.03	\$156.70	\$161.70	\$1,166.90	N/A	\$151.70	\$1,166.90	N/A	\$151.70
MRV Communications, Inc.	TS800/4E1/V*	TereScope800/4E1 , Free Space Optics 610m@30db/km and 2000m@3db/km (clear weather), 4E1 Link, G.703 inputs, Interface RJ48, visual alignment. RSM-SNMP/700: optional. Power supply S or 3 (See below for power supply options explanation). Basic accessories ki	Each	Wireless	\$9,900.00	30%	\$6,930.00	N/A	\$900.90	\$920.70	\$930.60	\$960.30	\$6,930.00	N/A	\$900.90	\$6,930.00	N/A	\$900.90
MRV Communications, Inc.	TS800/4T1/V*	TereScope800/4T1, Free Space Optics 610m@30db/km and 2000m@3db/km (clear weather), 4T1 Link, G.704 inputs, Interface RJ48, visual alignment. RSM-SNMP/700: optional. Power supply S or 3 (See below for power supply options explanation). Basic accessories kit	Each	Wireless	\$9,900.00	30%	\$6,930.00	N/A	\$900.90	\$920.70	\$930.60	\$960.30	\$6,930.00	N/A	\$900.90	\$6,930.00	N/A	\$900.90
MRV Communications, Inc.	TS800/E1/V*	TereScope800/E1, Optical Wireless 750m@30db/km and 2700m@3db/km (clear weather), E1 Link, G.703/G.704, Interface RJ48, visual alignment. RSM-SNMP/700: optional. Power supply S or 3 (See below for power supply options explanation). Important Remark: This mo	Each	Wireless	\$6,800.00	30%	\$4,760.00	N/A	\$618.80	\$632.40	\$639.20	\$659.60	\$4,760.00	N/A	\$618.80	\$4,760.00	N/A	\$618.80

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TS800/ETH/V*	TereScope800/ETH, Free Space Optics 610m@30db/km and 2000m@3db/km (clear weather), ETHERNET Link, 10 Mbit/s (RJ45), visual alignment. RSM-SNMP/700: optional. Power supply S or 3 (See below for power supply options explanation), Important Remark: This mode	Each	Wireless	\$5,500.00	30%	\$3,850.00	N/A	\$500.50	\$511.50	\$517.00	\$533.50	\$3,850.00	N/A	\$500.50	\$3,850.00	N/A	\$500.50
MRV Communications, Inc.	TS800/FET/F*	TereScope800/100-F with built-in Fusion, Free Space Optics 600m@30db/km and 1900m@3db/km (clear weather), Fast Ethernet (100Mbps) link, 100BaseT interface. Power supply S or 3 (See below for power supply options explanation), The PoE (Power over Ethernet)	Each	Wireless	\$9,400.00	30%	\$6,580.00	N/A	\$855.40	\$874.20	\$883.60	\$911.80	\$6,580.00	N/A	\$855.40	\$6,580.00	N/A	\$855.40
MRV Communications, Inc.	TS800/FET/FE*	TereScope800/100-F with built-in Fusion, Free Space Optics 600m@30db/km and 1900m@3db/km (clear weather), Fast Ethernet (100Mbps) link, 100BaseT interface. Power supply S or 3 (See below for power supply options explanation), The PoE (Power over Ethernet)	Each	Wireless	\$10,100.00	30%	\$7,070.00	N/A	\$919.10	\$939.30	\$949.40	\$979.70	\$7,070.00	N/A	\$919.10	\$7,070.00	N/A	\$919.10
MRV Communications, Inc.	TS800/T1/V*	TereScope800/T1, Optical Wireless 750m@30db/km and 2700m@3db/km (clear weather), T1 Link, G.703/G.704, Interface RJ48, visual alignment. RSM-SNMP/700: optional. Power supply S or 3 (See below for power supply options explanation), Important Remark: This mode	Each	Wireless	\$6,800.00	30%	\$4,760.00	N/A	\$618.80	\$632.40	\$639.20	\$659.60	\$4,760.00	N/A	\$618.80	\$4,760.00	N/A	\$618.80
MRV Communications, Inc.	TS800/XYL/F*	TereScope800/155-F with built-in Fusion, Free Space Optics 600m@30db/km and 1900m@3db/km (clear weather), Open Protocol 10-155Mbps with clock recovery, visual alignment. XYL coding; SFP interface options: M3L, S3L, S5L (Standard model: TS800/M3L/FS), JT-S	Each	Wireless	\$9,400.00	30%	\$6,580.00	N/A	\$855.40	\$874.20	\$883.60	\$911.80	\$6,580.00	N/A	\$855.40	\$6,580.00	N/A	\$855.40
MRV Communications, Inc.	TS800/XYL/FE*	TereScope800/155-F with built-in Fusion, Free Space Optics 600m@30db/km and 1900m@3db/km (clear weather), Open Protocol 10-155Mbps with clock recovery, visual alignment. XYL coding; SFP interface options: M3L, S3L, S5L (Standard model: TS800/M3L/FES), JT-	Each	Wireless	\$10,100.00	30%	\$7,070.00	N/A	\$919.10	\$939.30	\$949.40	\$979.70	\$7,070.00	N/A	\$919.10	\$7,070.00	N/A	\$919.10

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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TS800/XYL/V*	TereScope800/155, Free Space Optics 600m@30db/km and 1900m@3db/km (clear weather), Open Protocol 10-155Mbps with clock recovery, visual alignment. XYL coding; SFP interface options: M3L, S3L, S5L (Standard model: TS800/M3L/V5), Fusion: optional. JT-SNMP-S	Each	Wireless	\$8,800.00	30%	\$6,160.00	N/A	\$800.80	\$818.40	\$827.20	\$853.60	\$6,160.00	N/A	\$800.80	\$6,160.00	N/A	\$800.80
MRV Communications, Inc.	TS800/XYL/VE*	TereScope800/155, Free Space Optics 600m@30db/km and 1900m@3db/km (clear weather), Open Protocol 10-155Mbps with clock recovery, visual alignment. XYL coding; SFP interface options: M3L, S3L, S5L (Standard model: TS800/M3L/VES), Fusion: optional. JT-SNMP-S	Each	Wireless	\$9,500.00	30%	\$6,650.00	N/A	\$864.50	\$883.50	\$893.00	\$921.50	\$6,650.00	N/A	\$864.50	\$6,650.00	N/A	\$864.50
MRV Communications, Inc.	TSx/x/x/V3 or F3	To be used for 24-60 VDC operation.	Each	Wireless	\$0.00	30%	\$0.00	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A	\$0.00	\$0.00	N/A	\$0.00
MRV Communications, Inc.	TSx/x/x/V5 or FS	To be used for 100-240vac / 50-60Hz operation.	Each	Wireless	\$0.00	30%	\$0.00	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A	\$0.00	\$0.00	N/A	\$0.00
MRV Communications, Inc.	TSxxx/M3L/xx	SFP MM, 1310 nm, LC connector only for 155 Series.	Each	Wireless	\$0.00	30%	\$0.00	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A	\$0.00	\$0.00	N/A	\$0.00
MRV Communications, Inc.	TSxxx/M8L/xx	SFP MM, 850 nm, LC connector only for TS700 G-F model.	Each	Wireless	\$0.00	30%	\$0.00	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A	\$0.00	\$0.00	N/A	\$0.00
MRV Communications, Inc.	TSxxx/S3L/xx	SFP SM, 1310 nm, LC connector for 155 and Giga Series.	Each	Wireless	\$0.00	30%	\$0.00	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A	\$0.00	\$0.00	N/A	\$0.00
MRV Communications, Inc.	TSxxx/S5L/xx	SFP SM, 1550 nm, LC connector 155 and Giga Series.	Each	Wireless	\$1,900.00	30%	\$1,330.00	N/A	\$172.90	\$176.70	\$178.60	\$184.30	\$1,330.00	N/A	\$172.90	\$1,330.00	N/A	\$172.90
MRV Communications, Inc.	TSxxx/xx/V13 or F13	To be used for 1 power supply 24-60 VDC operation. For products with an optional redundant power supply. For the TSX000/FET/F13, the default power supply is PoE version and can be fed also by 48VDC non PoE (and not 24-60VDC).	Each	Wireless	\$0.00	30%	\$0.00	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A	\$0.00	\$0.00	N/A	\$0.00
MRV Communications, Inc.	TSxxx/xx/V15 or F15	To be used for 1 power supply 100-240vac / 50-60Hz operation. For products with an optional redundant power supply.	Each	Wireless	\$0.00	30%	\$0.00	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	N/A	\$0.00	\$0.00	N/A	\$0.00
MRV Communications, Inc.	TSxxx/xx/V23 or F23	To be used for 2 power supplies 24-60 VDC operation. For products with an optional redundant power supply. For the TSX000/FET/F** use the P.N: TSX000/FET/F25.	Each	Wireless	\$1,184.00	30%	\$828.80	N/A	\$107.74	\$110.11	\$111.30	\$114.85	\$828.80	N/A	\$107.74	\$828.80	N/A	\$107.74
MRV Communications, Inc.	TSxxx/xx/V24 or F24	To be used for 2 power supplies: 1 PS 100-240 VAC and 1 PS 24-60 VDC operation. For products with an optional redundant power supply.	Each	Wireless	\$1,584.00	30%	\$1,108.80	N/A	\$144.14	\$147.31	\$148.90	\$153.65	\$1,108.80	N/A	\$144.14	\$1,108.80	N/A	\$144.14

Area NW Hardware

New York State Office of General Services  
 Group 77018 RFP 21350 - Comprehensive Telecommunications Equipment & Solutions  
 LOT 2  
 Area Networking Hardware

Used to determine Reasonableness of Price > NYS OGS: PT61515	Used to determine Reasonableness of Price > MHEC: MC10-F05
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Manufacturer	Part/Model Number	Description	Unit of Measure (e.g. Each/Hr/Day, etc...)	Price Category or Group (if applicable)	List Price	NYS Percentage Discount	NYS Net Price	NYS One-Time Installation Cost per U/M (as applicable)	Ref. 1 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 2 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 3 Maintenance NYS Maintenance Cost per U/M (as applicable)	Ref. 4 Maintenance NYS Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)	Net Price	One-Time Installation Cost per U/M (as applicable)	Contract / Sale Maintenance Cost per U/M (as applicable)
MRV Communications, Inc.	TSxxx/xx/V25 or F25	To be used for 2 power supplies: 1 PS PoE (High power over Ethernet) and 1 PS LV 24-60 VDC operation. For products with an optional redundant power supply. To be used for TSX000/FET/F** only.	Each	Wireless	\$1,584.00	30%	\$1,108.80	N/A	\$144.14	\$147.31	\$148.90	\$153.65	\$1,108.80	N/A	\$144.14	\$1,108.80	N/A	\$144.14
MRV Communications, Inc.	TSxxx/xx/V26 or F26	To be used for 2 power supplies PoE (High power over Ethernet) . For products with an optional redundant power supply.	Each	Wireless	\$1,384.00	30%	\$968.80	N/A	\$125.94	\$128.71	\$130.10	\$134.25	\$968.80	N/A	\$125.94	\$968.80	N/A	\$125.94
MRV Communications, Inc.	TSxxx/xx/V25 or F25	To be used for 2 power supplies 100-240vac / 50-60Hz operation. For products with an optional redundant power supply.	Each	Wireless	\$1,184.00	30%	\$828.80	N/A	\$107.74	\$110.11	\$111.30	\$114.85	\$828.80	N/A	\$107.74	\$828.80	N/A	\$107.74