



Lewiston-Porter Central School District

Aiming Higher

Lewiston-Porter Community:

The Lewiston-Porter Central School District was awarded \$1,354,745 as part of the Smart Schools Bond Act passed by Governor Cuomo in 2014.

Starting in the 2016-17 school year - the district plans on using part of the allotment to update campus security. This will include the following items:

HIGH TECH SECURITY PROJECT

- Purchase and installation 178 new HD surveillance cameras
 - High School (63 Cameras)
 - Press Box (2 cameras)
 - Athletic Fields (7 cameras)
 - PEC (22 cameras)
 - IEC (26 cameras)
 - Middle School (31 cameras)
 - District Office (20 cameras)
 - Maintenance bldg. (7 cameras)

- Installation and configuration Closed Circuit Television Monitoring System, which includes:
 - (2) Exterior Bullet 5MP HD cameras as per locations provided on map (Pelco IBP519-ER)
 - (7) Interior in ceiling fixed 5MP HD cameras as per locations provided on map (Pelco IMP-519-11)
 - (22) Interior in ceiling fixed 3MP HD cameras with Enhanced WDR to compensate for the natural light as per locations provided on map (Pelco IME-319-11)
 - (6) Exterior pendant fixed 3 MP HD cameras with Enhanced WDR to compensate for the natural light as per locations provided on map (Pelco IME-319-1EP)
 - (46) Interior in ceiling 360 degree 5MP HD cameras as per locations provided on map (Pelco EVO-05LID)
 - (17) Exterior pendant 180 degree 12 MP HD cameras as per locations provided on map (Pelco IMM12018-1EP)
 - (41) Exterior pendant 270 degree 12 MP HD cameras as per locations provided on map (Pelco IMM12027-1EP)
 - (7) Interior ceiling mount 180 degree 12 MP HD cameras as per locations provided on map (Pelco IMM12018-1i)
 - (30) Interior ceiling mount 270 degree 12 MP HD cameras as per locations provided on map (Pelco IMM12027-1i)



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- Installation and configuration of 11 Digital Sentry video servers
 - 2 District Office
 - 1 Maintenance Building
 - 2 Middle School
 - 2 Intermediate Education Center
 - 1 Primary Education Center
 - 3 High School
- Training for all necessary personnel on how to maximize use of the camera system.

Price Structure Breakdown:

Surveillance, Storage & Equipment:	\$348,278
Installation:	\$190,250
Total Cost:	\$538,528

SCHOOL CONNECTIVITY PROJECT

We are looking to further increase the “guts” of our district. We will do an e-rate project this year that will increase our wireless infrastructure to improve connectivity for students to get access to information via the Internet. As we move towards establishing a 1:1 environment across the district we need to make sure our infrastructure can support these devices.

In conjunction with this project we will need to add infrastructure to upgrade our security system. We will be installing a new video surveillance system across the district that will be run through our internet. To make sure it works appropriately we need to expand our infrastructure further than the e-rate project.

Part	Description	Quantity	Unit Cost	Total Cost
10 GB Base LR Transceiver	1-port 10GBASE – LR Small Form Factor Pluggable 10GB Ethernet Transceiver (Single Mode)	6	\$918.16	\$5,508.96
10 GB Base SR Transceiver	1-Port 10GBASE – SR Small Form Factor Pluggable 10GB Ethernet Transceiver (MultiMode)	20	\$336.16	\$7,323.20



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10GB Base LRM Transceiver	1-Port 10GBASE – LRM Small Form Factor pluggable 10GB Ethernet Transceiver (MultiMode)	32	\$439.76	\$14,072.32
Routing Switches Power Supply	4800GTS-PWR+ 100W AC Redundant Power Supply (use with ERS4850GTS-PWR+)	19	\$327.95	\$6231.05
Stacking Cable 1.5m (5ft)	Ethernet Routing Switch cable)	1	\$101.57	\$101.57
Internet Routing Switches	ERS 4850GTS-PWR+ with 40 802.3at PoE + & 2 SFP ports includes license at 46cm stack cable	19	\$2,315.25	\$43,989
Power Backup	Smart UPS 2000VA/1980W	15	\$865.82	\$12,987.30
Totals				\$90,213.40

Price Breakdown

School Connectivity Project (Project 1) - \$90,213.40

High Tech Security Project (Project 6) - \$538,528.90

Total SMART Schools Application Cost - \$628,742.30

Remaining Balance: \$726,003