



SMART PLAN - May 18, 2017



**MINISINK VALLEY CENTRAL SCHOOL DISTRICT - SMART**

District-wide Totals by Building	Priority 1 - 2018	Priority 2 2019	Priority 3 - 2020	TOTAL CIP
Minisink Valley HS	\$838,000	\$0	\$0	\$838,000
Minisink Valley MS	\$737,000	\$0	\$0	\$737,000
Minisink Valley ES-IS	\$718,000	\$0	\$0	\$718,000
Otisville ES	\$601,000	\$0	\$0	\$601,000
Bus Garage	\$74,700	\$0	\$0	\$74,700
<b>District-Wide Totals</b>	<b>\$2,968,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,968,700</b>
Design & Construction Contingency	\$207,809	\$0	\$0	\$207,809
<b>Grand Total Construction Cost</b>	<b>\$3,176,509</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,176,509</b>
Incidental Expense*	\$383,491	\$0	\$0	\$383,491
<b>Total Project Cost</b>	<b>\$3,560,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,560,000</b>
<b>TOTAL SMART ALLOCATION</b>	<b>\$3,571,363</b>			

Item No.	Minisink Valley HS	Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
1	SECURITY/TECHNOLOGY		\$838,000	\$0	\$0	
2	IP Public Address/Mass Notification System	1	\$235,000	\$0	\$0	Replace existing Public Address system in the buildings with a new IP based PA/Mass Notification system that would include the total replacement of the speakers and wiring in all classrooms and offices with a new IP speaker/LCD display devices with new Category 6 cabling from speaker to new network PoE switch. High density speaker locations like corridors/gyms, etc. will have traditional analog speakers, but will be tied to the IP speaker head end equipment.
3	IP Security Cameras	1	\$350,000	\$0	\$0	Upgrade existing CCTV cameras and add additional high definition full color IP security cameras for full interior and exterior coverage, all wired to multiple 75 TB Storage Servers located in Central Office to provide 45 days of storage capabilities. New IP cameras to be connected to new computer network switches providing a minimum of 1 GB of data speeds to each camera location. Additionally, new UPS battery backup to be provided at the server locations.

Item No.	Minisink Valley HS	Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
4	<b>Access Control/Door contacts</b>	1	\$75,000	\$0	\$0	Upgrade existing and provide new access control system including new intercom system which is fully integrated to the IP security system. Additionally, add door contacts on each door in the facility that exits to the exterior. This system will also be fully integrated with the IP security system and will allow a graphics package that would allow for quick notification when a door is propped open and would allow user to quickly access camera at door to see the issue at door.
5	<b>Voice over IP (VoIP) System</b>	1	\$178,000	\$0	\$0	Replace existing PBX telephone system with a new Voice Over IP telephone system (VoIP) with new telephones in all offices and classrooms. Not only will all new extensions have voice mail, 4 digit in district calling capabilities and ability to be make and receive calls from outside the schools, but the system will be integrated into the security and PA systems to allow the abilities to initiate a lock down from any phone location, which will activate a PA announcement and send emails and text messages to security and administrative staff. Additionally, enhanced 911 will be provided at each phone location. Costs include VoIP system, network switches /Category 6 cabling and UPS's for each wiring closet.
<b>TOTALS BY PRIORITY:</b>			\$838,000	\$0	\$0	
<b>BUILDING TOTAL:</b>			<b>\$838,000</b>			

Minisink Valley MS		Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
1	SECURITY/TECHNOLOGY		\$737,000	\$0	\$0	
2	<b>IP Public Address/Mass Notification System</b>	1	\$210,000	\$0	\$0	Replace existing Public Address system in the buildings with a new IP based PA/Mass Notification system that would include the total replacement of the speakers and wiring in all classrooms and offices with a new IP speaker/LCD display devices with new Category 6 cabling from speaker to new network PoE switch. High density speaker locations like corridors/gyms, etc. will have traditional analog speakers, but will be tied to the IP speaker head end equipment.
3	<b>IP Security Cameras</b>	1	\$300,000	\$0	\$0	Upgrade existing CCTV cameras and add additional high definition full color IP security cameras for full interior and exterior coverage, all wired to multiple 75 TB Storage Servers located in Central Office to provide 45 days of storage capabilities. New IP cameras to be connected to new computer network switches providing a minimum of 1 GB of data speeds to each camera location. Additionally, new UPS battery backup to be provided at the server locations.



Item No.	Minisink Valley MS	Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
4	<b>Access Control/Door contacts</b>	1	\$65,000	\$0	\$0	Upgrade existing and provide new access control system including new intercom system which is fully integrated to the IP security system. Additionally add door contacts on each door in the facility that exits to the exterior, this system will also be fully integrated with the IP security system and will allow a graphics package that would allow for quick notification when a door is propped open and would allow user to quickly access camera at door to see the issue at door.
5	<b>Voice over IP (VoIP) System</b>	1	\$162,000	\$0	\$0	Replace existing PBX telephone system with a new Voice Over IP telephone system (VoIP) with new telephones in all offices and classrooms. Not only will all new extensions have voice mail, 4 digit in district calling capabilities and ability to be make and receive calls from outside the schools, but the system will be integrated into the security and PA systems to allow the abilities to initiate a lock down from any phone location which will activate a PA announcement and send emails and text messages to security and administrative staff. Additionally, enhanced 911 will be provided at each phone location. Costs include VoIP system, network switches /Category 6 cabling and UPS's for each wiring closet.
<b>TOTALS BY PRIORITY:</b>		5	\$737,000	\$0	\$0	
<b>BUILDING TOTAL:</b>		5	<b>\$737,000</b>			

Item No.	Minisink Valley ES-IS	Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
1	SECURITY/TECHNOLOGY		\$718,000	\$0	\$0	
2	<b>IP Public Address/Mass Notification System</b>	1	\$200,000	\$0	\$0	Replace existing Public Address system in the buildings with a new IP based PA/Mass Notification system that would include the total replacement of the speakers and wiring in all classrooms and offices with a new IP speaker/LCD display devices with new Category 5E cabling from speaker to new network PoE switch. High density speaker locations like corridors/gyms, etc. will have traditional analog speakers, but will be tied to the IP speaker head end equipment.
3	<b>IP Security Cameras</b>	1	\$300,000	\$0	\$0	Upgrade existing CCTV cameras and add additional high definition full color IP security cameras for full interior and exterior coverage, all wired to multiple 75 TB Storage Servers located in Central Office to provide 30 days of storage capabilities. New IP cameras to be connected to new computer network switches providing a minimum of 1 GB of data speeds to each camera location. Additionally, new UPS battery backup to be provided at the server locations.

Item No.	Minisink Valley ES-IS	Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
4	<b>Access Control/Door contacts</b>	1	\$65,000	\$0	\$0	Upgrade existing and provide new access control system including new intercom system which is fully integrated to the IP security system. Additionally add door contacts on each door in the facility that exits to the exterior. This system will also be fully integrated with the IP security system and will allow a graphics package that would allow for quick notification when a door is propped open and would allow user to quickly access camera at door to see the issue at door.
5	<b>Voice over IP (VoIP) System</b>	1	\$153,000	\$0	\$0	Replace existing PBX telephone system with a new Voice Over IP telephone system (VoIP) with new telephones in all offices and classrooms. Not only will all new extensions have voice mail, 4 digit in district calling capabilities and ability to be make and receive calls from outside the schools, but the system will be integrated into the security and PA systems to allow the abilities to initiate a lock down from any phone location which will activate a PA announcement and send emails and text messages to security and administrative staff. Additionally, enhanced 911 will be provided at each phone location. Costs include VoIP system, network switches /Category 6 cabling and UPS's for each wiring closet.
<b>TOTALS BY PRIORITY:</b>			\$718,000	\$0	\$0	
<b>BUILDING TOTAL:</b>			<b>\$718,000</b>			



Item No.	Otisville ES	Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
1	SECURITY/TECHNOLOGY		\$601,000	\$0	\$0	
2	<b>IP Public Address/Mass Notification System</b>	1	\$160,000	\$0	\$0	Replace existing Public Address system in the buildings with a new IP based PA/Mass Notification system that would include the total replacement of the speakers and wiring in all classrooms and offices with a new IP speaker/LCD display devices with new Category 5E cabling from speaker to new network PoE switch. High density speaker locations like corridors/gyms, etc. will have traditional analog speakers, but will be tied to the IP speaker head end equipment.
3	<b>IP Security Cameras</b>	1	\$280,000	\$0	\$0	Upgrade existing CCTV cameras and add additional high definition full color IP security cameras for full interior and exterior coverage all wired to multiple 75 TB Storage Servers located in Central Office to provide 30 days of storage capabilities. New IP cameras to be connected to new computer network switches providing a minimum of 1 GB of data speeds to each camera location. Additionally, new UPS battery backup to be provided at the server locations.

Item No.	Otisville ES	Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
4	<b>Access Control/Door contacts</b>	1	\$161,000	\$0	\$0	Upgrade existing and provide new access control system including new intercom system which is fully integrated to the IP security system. Additionally add door contacts on each door in the facility that exits to the exterior. This system will also be fully integrated with the IP security system and will allow a graphics package that would allow for quick notification when a door is propped open and would allow user to quickly access camera at door to see the issue at door.
5	<b>Voice over IP (VoIP) System</b>	1	\$149,000	\$0	\$0	Replace existing PBX telephone system with a new Voice Over IP telephone system (VoIP) with new telephones in all offices and classrooms. Not only will all new extensions have voice mail, 4 digit in district calling capabilities and ability to be make and receive calls from outside the schools, but the system will be integrated into the security and PA systems to allow the abilities to initiate a lock down from any phone location which will activate a PA announcement and send emails and text messages to security and administrative staff. Additionally, enhanced 911 will be provided at each phone location. Costs include VoIP system, network switches /Category 6 cabling and UPS's for each wiring closet.
<b>TOTALS BY PRIORITY:</b>		5	\$601,000	\$0	\$0	
<b>BUILDING TOTAL:</b>		5	<b>\$601,000</b>			

Item No.	Bus Garage	Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
1	SECURITY/TECHNOLOGY		\$74,700	\$0	\$0	
2	IP Security Cameras	1	\$55,000	\$0	\$0	Upgrade existing CCTV cameras and add additional high definition full color IP security cameras for full interior and exterior coverage, all wired to multiple 75 TB Storage Servers located in Central Office to provide 30 days of storage capabilities. New IP cameras to be connected to new computer network switches providing a minimum of 1 GB of data speeds to each camera location. Additionally, new UPS battery backup to be provided at the server locations.
3	Access Control/Door contacts	1	\$15,000	\$0	\$0	Upgrade existing and provide new access control system including new intercom system which is fully integrated to the IP security system. Additionally add door contacts on each door in the facility that exits to the exterior. This system will also be fully integrated with the IP security system and will allow a graphics package that would allow for quick notification when a door is propped open and would allow user to quickly access camera at door to see the issue at door.

Item No.	Bus Garage	Priority	Priority 1 2018	Priority 2 2019	Priority 3 2020	Remarks
4	<b>Voice over IP (VoIP) System</b>	1	\$4,700	\$0	\$0	Replace existing PBX telephone system with a new Voice Over IP telephone system (VoIP) with new telephones in all offices and classrooms. Not only will all new extensions have voice mail, 4 digit in district calling capabilities and ability to be make and receive calls from outside the schools, but the system will be integrated into the security and PA systems to allow the abilities to initiate a lock down from any phone location which will activate a PA announcement and send emails and text messages to security and administrative staff. Additionally, enhanced 911 will be provided at each phone location. Costs include VoIP system, network switches /Category 6 cabling and UPS's for each wiring closet.
<b>TOTALS BY PRIORITY:</b>		5	\$74,700	\$0	\$0	
<b>BUILDING TOTAL:</b>		5	<b>\$74,700</b>			