1. Please enter the name of the person to contact regarding this submission.

Carol Potash

1a. Please enter their phone number for follow up questions.

845-691-1029

1b. Please enter their e-mail address for follow up contact.

cpotash@highland-k12.org

2. Please indicate below whether this is the first submission, a new or supplemental submission or an amended submission of an approved Smart Schools Investment Plan.

First submission

3. All New York State public school districts are required to complete and submit a District Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations. Districts that include investments in high-speed broadband or wireless connectivity and/or learning technology equipment or facilities as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.
By checking this box, you certify that the school district has an approved District Instructional Technology Plan survey on file with the New York State Education Department.

☑ District Educational Technology Plan Submitted to SED and Approved

4. Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.
By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

☑ Parents
☑ Teachers
☑ Students
☑ Community members

4a. If your district contains non-public schools, have you provided a timely opportunity for consultation with these stakeholders?

☐ Yes
☐ No
☑ N/A

5. Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.

☑ The district developed and the school board approved a preliminary Smart Schools Investment Plan.
☑ The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
☑ The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have occured as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
☑ The district prepared a final plan for school board approval and such plan has been approved by the school board.
☑ The final proposed plan that has been submitted has been posted on the district's website.

5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

Feb72017BOESSIPApprovedMinutes.pdf
Highland CSD SSIP PhaseI Presentation Approved.pdf

5b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

https://www.highland-k12.org/Page/161

6. Please enter an estimate of the total number of students and staff that will benefit from this Smart Schools Investment Plan based on the cumulative projects submitted to date.

2,100

7. An LEA/School District may partner with one or more other LEA/School Districts to form a consortium to pool Smart Schools Bond Act funds for a project that meets all other Smart School Bond Act requirements. Each school district participating in the consortium will need to file an approved Smart Schools Investment Plan for the project and submit a signed Memorandum of Understanding that sets forth the details of the consortium including the roles of each respective district.

☐ The district plans to participate in a consortium to partner with other school district(s) to implement a Smart Schools project.

8. Please enter the name and 6-digit SED Code for each LEA/School District participating in the Consortium.

Partner LEA/District	SED BEDS Code
(No Response)	(No Response)

9. Please upload a signed Memorandum of Understanding with all of the participating Consortium partners.

(No Response)

10. Your district's Smart Schools Bond Act Allocation is:

$1,167,631

11. Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting SSBA funds for a category, please enter 0 (zero.) If the value entered is $0, you will not be required to complete that survey question.

	Sub-Allocations
School Connectivity	0
Connectivity Projects for Communities	0
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	667,000
Totals:	**667,000**

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:

- **sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or**
- **is a planned use of a portion of Smart Schools Bond Act funds, or**
- **is under development through another funding source.**

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and

2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

(No Response)

1a. If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.

☐ By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

3. Describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in school buildings.

(No Response)

4. Describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?)

(No Response)

5. If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.

Please describe how you have quantified this demand and how you plan to meet this demand.

(No Response)

6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review

of all capital projects, including connectivity projects.
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

7. Certain high-tech security and connectivity infrastructure projects may be eligible for an expedited review process as determined by the Office of Facilities Planning.

Was your project deemed eligible for streamlined review?

(No Response)

8. Include the name and license number of the architect or engineer of record.

Name	License Number
(No Response)	(No Response)

9. If you are submitting an allocation for School Connectivity complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
School Internal Connections and Components	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**0**

10. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be eligible for tax-exempt financing to be reimbursed through the SSBA. Sufficient detail must be provided so that we can verify this is the case. If you have any questions, please contact us directly through smartschools@nysed.gov.
NOTE: Wireless Access Points should be included in this category, not under Classroom Educational Technology, except those that will be loaned/purchased for nonpublic schools.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

1. **Describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in the community.**

(No Response)

2. **Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.**

(No Response)

3. **Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).**

☐ I certify that we will comply with all the necessary local building codes and regulations.

4. **Please describe the physical location of the proposed investment.**

(No Response)

5. **Please provide the initial list of partners participating in the Community Connectivity Broadband Project, along with their Federal Tax Identification (Employer Identification) number.**

Project Partners	Federal ID #
(No Response)	(No Response)

6. **If you are submitting an allocation for Community Connectivity, complete this table.**
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	**0**

7. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.**
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission's 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.
Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:
1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.
Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

(No Response)

1a. If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.

☐ By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

3. If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.
Please describe how you have quantified this demand and how you plan to meet this demand.

(No Response)

4. All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations.
Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

☐ By checking this box, you are certifying that the school district has an approved Instructional Technology Plan survey on file with the New York State Education Department.

5. Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems. Specifically address the adequacy of each facility's electrical, HVAC and other infrastructure necessary to install and support the operation of the planned technology.

(No Response)

6. Describe how the proposed technology purchases will:

- **> enhance differentiated instruction;**
- **> expand student learning inside and outside the classroom;**
- **> benefit students with disabilities and English language learners; and**
- **> contribute to the reduction of other learning gaps that have been identified within the district.**

The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?"

(No Response)

7. Where appropriate, describe how the proposed technology purchases will enhance ongoing communication with parents and other stakeholders and help the district facilitate technology-based regional partnerships, including distance learning and other efforts.

(No Response)

8. Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.

Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."

(No Response)

9. Districts must contact the SUNY/CUNY teacher preparation program that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.

☐ By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

9a. Please enter the name of the SUNY or CUNY Institution that you contacted.

(No Response)

9b. Enter the primary Institution phone number.

(No Response)

9c. Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.

(No Response)

10. A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.

Are there nonpublic schools within your school district?

☐ Yes
☐ No

11. Nonpublic Classroom Technology Loan Calculator

The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of $250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.
See:
http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

12. To ensure the sustainability of technology purchases made with Smart Schools funds, districts must demonstrate a long-term plan to maintain and replace technology purchases supported by Smart Schools Bond Act funds. This sustainability plan shall demonstrate a district's capacity to support recurring costs of use that are ineligible for Smart Schools Bond Act funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items. Further, such a sustainability plan shall include a long-term plan for the replacement of purchased devices and equipment at the end of their useful life with other funding sources.

☐ By checking this box, you certify that the district has a sustainability plan as described above.

13. Districts must ensure that devices purchased with Smart Schools Bond funds will be distributed, prepared for use, maintained and supported appropriately. Districts must maintain detailed device inventories in accordance with generally accepted accounting principles.

☐ By checking this box, you certify that the district has a distribution and inventory management plan and system in place.

14. If you are submitting an allocation for Classroom Learning Technology complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Interactive Whiteboards	(No Response)
Computer Servers	(No Response)
Desktop Computers	(No Response)
Laptop Computers	(No Response)
Tablet Computers	(No Response)
Other Costs	(No Response)
Totals:	**0**

15. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Please specify in the "Item to be Purchased" field which specific expenditures and items are planned to meet the district's nonpublic loan requirement, if applicable.
NOTE: Wireless Access Points that will be loaned/purchased for nonpublic schools should ONLY be included in this category, not under School Connectivity, where public school districts would list them.

Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

Pre-Kindergarten Classrooms

1. **Provide information regarding how and where the district is currently serving pre-kindergarten students and justify the need for additional space with enrollment projections over 3 years.**

(No Response)

2. **Describe the district's plan to construct, enhance or modernize education facilities to accommodate pre-kindergarten programs. Such plans must include:**

- Specific descriptions of what the district intends to do to each space;
- An affirmation that pre-kindergarten classrooms will contain a minimum of 900 square feet per classroom;
- The number of classrooms involved;
- The approximate construction costs per classroom; and
- Confirmation that the space is district-owned or has a long-term lease that exceeds the probable useful life of the improvements.

(No Response)

3. **Smart Schools Bond Act funds may only be used for capital construction costs. Describe the type and amount of additional funds that will be required to support ineligible ongoing costs (e.g. instruction, supplies) associated with any additional pre-kindergarten classrooms that the district plans to add.**

(No Response)

4. **All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.**

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

5. **If you have made an allocation for Pre-Kindergarten Classrooms, complete this table.**
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	**0**

6. **Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.**
Add rows under each sub-category for additional items, as needed.

Pre-Kindergarten Classrooms

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

Replace Transportable Classrooms

1. Describe the district's plan to construct, enhance or modernize education facilities to provide high-quality instructional space by replacing transportable classrooms.

(No Response)

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

3. For large projects that seek to blend Smart Schools Bond Act dollars with other funds, please note that Smart Schools Bond Act funds can be allocated on a pro rata basis depending on the number of new classrooms built that directly replace transportable classroom units.

If a district seeks to blend Smart Schools Bond Act dollars with other funds describe below what other funds are being used and what portion of the money will be Smart Schools Bond Act funds.

(No Response)

4. If you have made an allocation for Replace Transportable Classrooms, complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	**0**

5. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

1. Describe how you intend to use Smart Schools Bond Act funds to install high-tech security features in school buildings and on school campuses.

The proposed Smart Schools Investment will be used for upgrading the current security / safety / surveillance systems at Highland CSD. The project will include IP Cameras, IP Intercoms, and Physical Security Systems including Door Access Controls and Intrusion Detection.
The current security system is old and analog based. There is a high failure/replacement rate of security surveillance cameras currently, which is very costly. The analog connection of each camera produces a low quality image. With regard to legal issues and overall security operations, a much higher resolution is needed. The cameras, wiring, and recording devices all need to be upgraded to allow IP based transmissions in a high resolution format.
We intend to use the funds to:

- Replace and upgrade the security systems at all three buildings and the bus garage so that all buildings have the same system (currently under different security systems) and purchase new cameras compatible with the new system.
- Increase security of school entrances by hardening main entrances at every location and upgrading to card access control systems.
- Engineering of door contacts, cameras, intercoms, etc. will be included in the project.

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.
Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
62-08-03-04-0-001-006
62-08-03-04-0-009-010
62-08-03-04-0-010-010
62-08-03-04-5-002-007

3. Was your project deemed eligible for streamlined Review?

- ☐ Yes
- ☑ No

4. Include the name and license number of the architect or engineer of record.

Name	License Number
Nicholas Signorelli	24017

5. If you have made an allocation for High-Tech Security Features, complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	320,907
Entry Control System	283,669
Approved Door Hardening Project	(No Response)
Other Costs	62,424
Totals:	**667,000**

6. Please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category. This is

especially important for any expenditures listed under the "Other" category. All expenditures must be capital-bond eligible to be reimbursed through the SSBA. If you have any questions, please contact us directly through smartschools@nysed.gov.
Add rows under each sub-category for additional items, as needed.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	OGS PT64059 - 30L-H4PRO-B - Camera Exterior 30 MP HD Pro w LightCatcher	1.00	6,338	6,338
Electronic Security System	OGS PT64059 - LEF5012CA - Canon Lens, 50mm, f/1.2, Auto-Iris	1.00	2,111	2,111
Electronic Security System	OGS PT64059 - ES-HD-HWS-LG - Camera Housing	1.00	263	263
Electronic Security System	OGS PT64059 - ES-HD-IPM - PoE Injector	1.00	149	149
Electronic Security System	OGS PT64059 - ES-HD-MNT-PLATE - Wall Mount Adaptor	1.00	25	25
Electronic Security System	OGS PT64059 - DAY-CAMKIT-2 - Exterior IP Camera Termination Kit	61.00	73	4,424
Electronic Security System	Fair Market - C6-4P-WJBB-03-B-OR - Patch Cable 3'	171.00	5	851
Electronic Security System	OGS PT64059 - 3.0C-H4A-D1 - Camera Interior 3MP w Analytics	110.00	529	58,215
Electronic Security System	OGS PT64059 - DAY-CAMKIT-1 - Interior IP Camera Termination Kit	110.00	16	1,738
Electronic Security System	OGS PT64059 - 3.0C-H4A-BO2-IR - Camera Exterior IR 3MP w Analytics 9-22mm	1.00	682	682
Electronic Security System	OGS PT64059 - H4-BO-JBOX1 - Wall Bracket for Exterior Camera	60.00	57	3,422
Electronic Security System	OGS PT64059 - 3.0C-H4A-BO1-IR - Camera Exterior IR 3MP w Analytics 3-9mm	48.00	656	31,504
Electronic Security System	OGS PT64059 - 8.0-H4A-BO1-IR - Camera Exterior IR 8MP w Analytics 4.3-8mm	11.00	951	10,458
Electronic Security System	OGS PT64059 - G9085 - Rack Mountable 550 CFM Fan	1.00	263	263
Electronic Security System	OGS PT64059 - 10712 - 69 in. (10) Outlet Power Supply	1.00	124	124
Electronic Security System	OGS PT64059 - 10810 - Black 10-32 screws/wash 50	2.00	10	20

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	OGS PT64059 - 86143 - 7 in. High Vented Blank Panel	6.00	53	320
Electronic Security System	OGS PT64059 - 90038 - 78-3/4 in. High Pro Rack 38-3/8 in. Deep	1.00	954	954
Electronic Security System	OGS PT64059 - 90138 - Side Panels for 90038 Cabinet Assembly	2.00	395	790
Electronic Security System	OGS PT64059 - 90270 - Floor Glides and Braces	2.00	112	225
Electronic Security System	OGS PT64059 - 99141 - 3-1/2 in. High Black Blank Panel	15.00	13	189
Electronic Security System	OGS PT64059 - SMT3000RM2U - Smart-UPS 3000 LCD	1.00	1,429	1,429
Electronic Security System	OGS PT64059 - NVS-5-A-D - Network Video Server 60TB	5.00	11,789	58,945
Electronic Security System	OGS PT64059 - Technician Installation Hourly	386.00	100	38,600
Other Costs	OGS PT64059 - Project Management Professional Services	212.00	105	22,260
Other Costs	OGS PT64059 - Engineering Professional Services	43.00	105	4,504
Electronic Security System	OGS PT64059 - Installation Subcontract Labor	1.00	98,868	98,868
Entry Control System	OGS PT64059 - WS-Video Video WS Lite, 8 Live Streams Max (1080p), 2 - 22	1.00	2,618	2,618
Entry Control System	Fair Market - SS-2469 Blue Stopper Station w/Cover, Push-to-Activate/Turn-to-Reset, Custom Label Form Req	12.00	89	1,065
Entry Control System	Fair Market - RRJ31X-SET/CDM UL RJ31X Block and Cable Kit	4.00	3	11
Entry Control System	OGS PT64059 - RIBU1C RIB Rly, 10 Amp, SPDT, 10-30 Vac/dc/120 Vac Coil	42.00	13	532
Entry Control System	Fair Market - PTD1640U 16.5 VAC 40 VA 2.5 A Plug-In Transformer	4.00	11	42
Entry Control System	Fair Market - PS-1270F1 12 Vdc 7 AH Battery	8.00	17	135
Entry Control System	OGS PT64059 - ISC-PDL1-WC30G WALL MOUNT TRITECH MOTION 100FT. X 8.6 FT. CURTAIN	20.00	78	1,560

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	DETECTOR			
Entry Control System	OGS PT64059 - ISC-PDL1-W18G TRI-TECH MOTION, 60X80FT OR 25X33FT RANGES, 8-15VDC 13MA/25MA MAX, NC RELAY, TAMPER, TROUBLE	11.00	65	718
Entry Control System	OGS PT64059 - DS160 PASSIVE INFRARED REX, 12 TO 30VDC, 26MA, SURFACE MOUNT, FORM C CONTACTS	38.00	68	2,591
Entry Control System	OGS PT64059 - DAY78G/ST-DBD 1 in. Recessed Door Contact with 2k Ohm Embedded Resistors, Wide-Gap, N.C. Loop	38.00	18	690
Entry Control System	OGS PT64059 - DAY78G/ST-A 1 in. Recessed Door Contact, Wide-Gap, N.C. Loop	149.00	13	1,868
Entry Control System	OGS PT64059 - DAY505AUTMC/ST036-DBD 3 in. Track Mount Contact, Wide-Gap w/ 3 ft. Armor Cable & 2k Ohm Embedded Resistors, N.C. Loop	5.00	51	257
Entry Control System	OGS PT64059 - D9127U BOSCH G SERIES POPIT/CIM MODULE, NO TAMPER	116.00	23	2,692
Entry Control System	OGS PT64059 - D56 CONDUIT BACKBOX COMMAND CENTER OFF-WHITE	7.00	10	71
Entry Control System	OGS PT64059 - D5500C-LITE-USB REMOTE PROGRAMMING SOFTWARE LITE KIT FOR BOSCH INTRUSION PANELS,CD & USB-KEY	4.00	384	1,538
Entry Control System	OGS PT64059 - D1260 BOSCH G SERIES KEYPAD, 4 WIRE COMBUS POWERED, OFF-WHITE, .25A @ 12VDC	14.00	210	2,945
Entry Control System	OGS PT64059 - D122 DUAL BATTERY HARNESS FOR BOSCH G SERIES	4.00	8	32
Entry Control System	OGS PT64059 - D101 STANDARD ENCLOSURE LOCK AND KEY SET	4.00	3	12
Entry Control System	OGS PT64059 - CUSTOM-LBL STI Custom Label, Order From Required	12.00	7	84

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Entry Control System	OGS PT64059 - CP-ADA-1 SAS CP, 12x12x6 N1 SC Enc, Max 1-ADA Door, Adj Time Delays for Int & Ext ADA Equipment	6.00	405	2,431
Entry Control System	OGS PT64059 - CP-ACX-1 Access/HVAC CP, 24x24x9 N1 Enc HgC, 10 A 24 Vdc PS w/Battery Back-Up, 1 ACX/2 EMX/8 ACD's	9.00	600	5,400
Entry Control System	OGS PT64059 - CP-AC-3 CP for 1-Access Door, 12	38.00	114	4,328
Entry Control System	OGS PT64059 - B9512G Intrusion Detection Control Panel, PC Board Only, Replacement for B series	4.00	542	2,169
Entry Control System	OGS PT64059 - B8103 16"x16"x3.5" White Steel Enclosure for B8512G Control Panels	4.00	32	128
Entry Control System	OGS PT64059 - B430 Plug-In Telephone Communicator	4.00	42	169
Entry Control System	OGS PT64059 - B426 Conettix IP Ethernet Interface Module, replaces B420	3.00	177	530
Entry Control System	OGS PT64059 - B338 Universal Ceiling-Mount Bracket	31.00	6	180
Entry Control System	OGS PT64059 - B308 8 Relay Module for SDI2, Form C, 1 A @ 5-24 Vdc, Modular Interconnect	4.00	84	335
Entry Control System	OGS PT64059 - B299 SDI2 Poppit Module for B9500G Panels	8.00	59	467
Entry Control System	OGS PT64059 - AC-SW-LIC-BOSCHINTR-1PANEL ACM (v5.8 & later) per panel License for Bosch Intrusion Panel Integration	4.00	206	824
Entry Control System	OGS PT64059 - AC-SW-LIC-AVIGILON Access Control Manager License for Video Integration for Avigilon (per Appliance)	1.00	0	0
Entry Control System	OGS PT64059 - AC-SW-BDGE Badging Application Software License, 1 per Appliance	1.00	528	528
Entry Control System	OGS PT64059 - AC-SW-16RCU 16 Reader Count Software License Upgrade	1.00	528	528
Entry Control System	OGS PT64059 - AC-MER-CONT-1DR	38.00	377	14,330

High-Tech Security Features

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	2-Reader Interface Module, 2 In, 2 Out, RS485 Out, 12 Vdc/PoE (Mercury MR1501)			
Entry Control System	OGS PT64059 - AC-APP-32R-ENT2 Enterprise Web-Based PACS Harware Appliance for 32 Readers	1.00	2,640	2,640
Entry Control System	OGS PT64059 - 9151101CHW Helios IP Force - 1 button, HD cam, & 10 W Speaker	4.00	1,232	4,930
Entry Control System	OGS PT64059 - 9137909 Helios IP License - Gold License	4.00	236	945
Entry Control System	OGS PT64059 - 9137411E External IP Relay, 4 Outputs, PoE	8.00	215	1,720
Entry Control System	OGS PT64059 - 900PTNNEK00000 iClass/multiClass SE R10/RP10 Reader, HID Prox, Legacy, Wiegand, Black	38.00	118	4,495
Entry Control System	Fair Market - 620-060 6601UT Tripod with 3-Way Pan/Tilt Head (Quick Release) - Supports 4.4 lb (2 kg)	1.00	27	27
Entry Control System	OGS PT64059 - 52100 Fargo DTC4250e Dual Sided Badge Printer	1.00	2,951	2,951
Entry Control System	OGS PT64059 - 45110 Fargo YMCKOK Ribbon, 200 prints	1.00	85	85
Entry Control System	OGS PT64059 - 1C-ACC5-ENT ACC 5 Enterprise license for up to 1 camera channels and unlimited viewing clients	4.00	213	851
Entry Control System	OGS PT64059 - 86177 Fargo Cleaning Kit for DTC Printers	1.00	34	34
Entry Control System	OGS PT64059 - 0747-001 M1124 1MP Indoor IP Camera, WDR, Day/Night, Zipstream, 8-28 Vdc or PoE (Replaces 0340-001)	1.00	359	359
Entry Control System	OGS PT64059 - Technician Installation Hourly	530.00	100	52,681
Other Costs	OGS PT64059 - Project Management Professional Services	246.00	105	25,709
Other Costs	OGS PT64059 - Engineering Professional Services	95.00	105	9,951
Entry Control System	OGS PT64059 - Installation Subcontract Labor	1.00	160,143	160,143