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Institution ID

800000037483

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

Robert LaVigna

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

631-874-1619

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

rlavigna@wfsd.k12.ny.us

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.

Supplemental 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

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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.

SSIPIII.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.

http://www.wfsd.k12.ny.us/index.php/2017/06/william-floyd-school-district-smart-school-investment-plan/

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.

9,400

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:

$10,398,033

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	

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	Sub-Allocations
	0
Classroom Technology	0
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	2,026,848
Totals:	**2,026,848**

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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)

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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

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.

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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)

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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 William Floyd School District is committed to providing all of our students with a high-quality education. It is our mission to achieve a learner-centered, nurturing, safe environment that empowers students and teachers with the ability and desire to thrive as life-long learners. To achieve this requires a commitment to and investment in the technologies required to improve instruction and ensure our students' and staff members' security. We are committed to the ideal that safety is paramount to successful learning environments. Our long term strategy is multifaceted: • Rebuild our technology infrastructure to future proof our network capacity • Improve and integrate our security and communication systems • Increase our teacher aptitude for the integration of technology • Improve our students' access to technology • Develop classroom spaces that foster collaboration and critical thinking To accomplish these long-term goals, this phase of our Smart School Investment Plan will be focused on upgrading our physical security system and improving our current telecommunications platform.

Our current systems are not fully integrated and as a result, we have limitations that have been identified by outside evaluators. While we have emergency plans and protocols in place, in the event of a serious threat on our campus, we do not have seamless communications from a variety of locales throughout the district or remotely. This limitation impedes our ability to implement a lock down or system wide alert from a multitude of input devices. While our physical security system does provide reasonable camera coverage throughout our schools, the cameras are analog with standalone digital video recorders (DVRs). These cameras produce poor quality video and have many blind spots. We have addressed this with a full site survey by several security professionals and building administration. More importantly, there is no centralized management system or remote access available to facilitate proper daily and emergency management. We are also working to ensure our system is fully integrated with local law enforcement.

We will be installing fully integrated IP video cameras throughout the district that can be leveraged by first responders. To accomplish this we will need to run new CAT 6 Cable for each camera. The project will include the installation of a system that has real-time video recording and alerts, remote video viewing capabilities, and video archiving. We will be building the capacity to upgrade to IP Phone for emergency broadcasting and event triggering. Our next Smart School Investment Plan will address additional upgrades to our high-tech security and unified communication systems. Another goal of this project is to build system redundancy throughout, to ensure that we are flexible and prepared for any emergency situation.

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
58-02-32-03-7-999-008

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
Tetra Tech	16549

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.

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	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	1,958,012
Entry Control System	68,836
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	**2,026,848**

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	DVR Server GEO-Tower-C	34.00	999	33,966
Electronic Security System	Rackmount Case GV-RMCASE	34.00	170	5,780
Electronic Security System	Digital Interface 16 Port Board GV-800-16	68.00	999	67,932
Electronic Security System	Digital Interface Real Time Upgrade CCDRTU	68.00	449	30,532
Electronic Security System	DVR 32 Channel Support Upgrade CC32UP	34.00	499	16,966
Electronic Security System	Pan Tilt Zoom Camera Controller Card CCPTZCC	32.00	299	9,568
Electronic Security System	1 TB Hard Drive WD1TB	544.00	144	78,336
Electronic Security System	Digital Viewing Software CCDVS	68.00	99	6,732
Electronic Security System	Remote Viewing Software CCRVS	68.00	99	6,732
Electronic Security System	Remote Access Configuration CCRAC	34.00	99	3,366
Electronic Security System	DVR Server Configuration CCSC	34.00	129	4,386
Electronic Security System	EMAP Setup & Configuration CCEMAP	34.00	249	8,466
Electronic Security System	Network Connection & Configuration CCNC $249.00	34.00	249	8,466
Electronic Security System	2 MP Interior Low Lux D/N Mini Dome CMP1228	677.00	399	270,123
Electronic Security System	Fixed Camera Wiring Indoor - Lvl1 LAB-CC-FCWI1	86.00	139	11,954

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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	Fixed Camera Wiring Indoor - Lvl 2 LAB-CC-FCWI2	593.00	294	174,342
Electronic Security System	PTZ Camera Wiring - Indoor Lvl 1 LAB-CC-PTZCWO1	3.00	159	477
Electronic Security System	Extended Camera Wiring CCEXT	679.00	150	101,850
Electronic Security System	Indoor Camera Mounting & Focusing CCICM	677.00	75	50,775
Electronic Security System	PTZ Camera Mounting & Focusing - Indoor Lvl1 LAB-CC-PTZCMFI1	3.00	105	315
Electronic Security System	Camera Configuration/ Setup / Programming CCCONFIG	682.00	49	33,418
Electronic Security System	New PTZ Camera Configuration LAB-CC-NPTZCC1	3.00	79	237
Electronic Security System	Device Wiremold / Pipe / Conduit - Lvl 1 LAB-GE-WMPC1	424.00	129	54,696
Electronic Security System	Fixed Camera Wiring Outdoor - Lvl 2 LAB-CC-FCWO2	312.00	325	101,400
Electronic Security System	PTZ Camera Wiring - Outdoor Lvl 1 LAB-CC-PTZCWO1	11.00	189	2,079
Electronic Security System	Extended Camera Wiring CCEXT	349.00	150	52,350
Electronic Security System	Outdoor Camera Mounting & Focusing CCOCM	312.00	125	39,000
Electronic Security System	PTZ Camera Mounting & Focusing - Outdoor Lvl1 LAB-CC-PTZCMFO1	11.00	155	1,705
Electronic Security System	Camera Configuration/ Setup / Programming CCCONFIG	312.00	49	15,288
Electronic Security System	New PTZ Camera Configuration LAB-CC-NPTZCC1	11.00	79	869
Entry Control System	4 Door Keyscan Access Control Panel KEYPANEL4	13.00	2,399	31,187
Entry Control System	Netcom Board KEYNETCOM	13.00	479	6,227
Entry Control System	12v 7Amp Hr Battery BATT12V12	26.00	42	1,092
Entry Control System	16v AC Access Panel Power Supply ACCPS	26.00	29	754
Entry Control System	Keyscan Access Control Software ACCKSOFT	8.00	749	5,992
Entry Control System	Network Connection & Configuration CCNC	13.00	249	3,237

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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	Access Control Panel Installation - Lvl 2 LAB-ACC-PANEL2	13.00	330	4,290
Entry Control System	Software Programming/Installation ACCPROG	37.00	375	13,875
Entry Control System	Proximity Card Reader ACCKREADER	1.00	225	225
Entry Control System	Exterior Door Strike 9600	1.00	467	467
Entry Control System	Door Control Power Supply ACCPWR	1.00	195	195
Entry Control System	Proximity Card Reader Installation - Indoor Lvl 1 LAB-ACC-PCRII1	1.00	175	175
Entry Control System	Door Strike Installation ACCDSI	1.00	350	350
Entry Control System	Proximity Card Reader Wiring - Outdoor Lvl 2 LAB-ACC0PCRWO2	1.00	420	420
Entry Control System	Proximity Reader Wiring w/ Amp ACCEPW	1.00	175	175
Entry Control System	Door Opener Device Wiring ACCDSW	1.00	175	175
Electronic Security System	ILS PA Integration Module LCK-PAINTMOD	8.00	1,075	8,600
Electronic Security System	ILS PA Integration Module Configuration - Lvl 4 LAB-LCK-PAINTMODC4	8.00	840	6,720
Electronic Security System	Mass Notification Intergration Module LCK-MNTMOD	8.00	1,075	8,600
Electronic Security System	ILS Integration Module Configuration - Lvl 4 LAB-LCK-MNTMODC4	8.00	840	6,720
Electronic Security System	Panic Stopper Station w/ Cover AP669	27.00	179	4,833
Electronic Security System	16 Channel I/O Controller CCIO16	12.00	299	3,588
Electronic Security System	Wiremold 788-18	27.00	49	1,323
Electronic Security System	Wire Run AVWIRE	195.00	150	29,250
Electronic Security System	Panic Installation ACCCSI	110.00	175	19,250
Electronic Security System	Alarm Controls - POPIT LUC	30.00	40	1,200
Electronic Security System	Interior Strobe Light INTBELLS	84.00	159	13,356
Electronic Security System	8 Channel Power Supply 12V DC DPS-12DC-4UL	12.00	245	2,940
Electronic Security System	ILS Access Card Disable Module LCK-ACDMOD	8.00	1,425	11,400
Electronic Security System	ILS Access Card Disable Module configuration - Lvl 4 LAB-LCK-	8.00	790	6,320

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	ACDMODC4			
Electronic Security System	BOSCH 246 Point Intrusion Alarm Panel 8ZNALRM	8.00	749	5,992
Electronic Security System	Keypad 212R	8.00	349	2,792
Electronic Security System	Popex Zone Expander IAZONEEXP	8.00	99	792
Electronic Security System	8 Relay Module IA-8RMOD	8.00	119	952
Electronic Security System	Burglar Alarm Panel Installation - Lvl 1 LAB-IA-PANEL1	8.00	350	2,800
Electronic Security System	Keypad Installation - Lvl 1 LAB-IA-KPI1	8.00	150	1,200
Electronic Security System	Security System Installation SSILI	32.00	155	4,960
Electronic Security System	Multi-Select Lockdown Website License LCK-PCLCKDWN	16.00	1,500	24,000
Electronic Security System	Software Programming and Installation ACCPROG	16.00	375	6,000
Electronic Security System	ILS Computer Lockdown System Configuration LAB-LCK-PCLCKDWNC	16.00	450	7,200
Electronic Security System	32' Monitor AV32MON	8.00	499	3,992
Electronic Security System	Monitor Wall Bracket AVMOUNT	8.00	149	1,192
Electronic Security System	Display Node COM-ILSCOMSOFT	8.00	1,999	15,992
Electronic Security System	Control Center Node COM-ILSCOMSOFT	1.00	1,999	1,999
Electronic Security System	Streamer License COM-ILSCOMSOFT	1.00	1,299	1,299
Electronic Security System	Macro Keyboard and Mouse COM-MACKEY	1.00	450	450
Electronic Security System	100' HDMI Cable GE-HRMI100	8.00	175	1,400
Electronic Security System	ILS Command Center Monitor License ILSCCS	8.00	579	4,632
Electronic Security System	Command Center PCS COM-VWS	2.00	1,295	2,590
Electronic Security System	Cell Phone Integration Module LCK-TMIMOD	8.00	799	6,392
Electronic Security System	Programming & Configuration LAB-LCK-TMIMODC1	8.00	750	6,000
Electronic Security System	ILS Computer Lockdown System Configuration lvl 2 LAB-LCK-PCLCKDWNC2	8.00	605	4,840
Electronic Security System	Nighthawk Security Box Equipment &	3.00	3,995	11,985

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
	Set Up NHB			
Electronic Security System	Wireless Bridge Point WAB1244	6.00	425	2,550
Electronic Security System	Nema Enclosure 320+G	3.00	419	1,257
Electronic Security System	Wireless Point Installation / coniguration WABCONFIG	6.00	199	1,194
Electronic Security System	Network Connection & Configuration - Lvl 3 LAB-GE-NCC3	3.00	563	1,689
Electronic Security System	DVR Programming and Configuration - Lvl 4 LAB-CC-DVRCFG4	3.00	595	1,785
Electronic Security System	2 MP Interior Low Lux Vandal Mini Dome CMP1228	312.00	599	186,888
Electronic Security System	3 MP Fisheye CMP1228	2.00	599	1,198
Electronic Security System	2 MP PTZ Camera CMP1228	14.00	1,799	25,186
Electronic Security System	Software/Configuration Labor SSILI	1.00	12,550	12,550
Electronic Security System	ILS Computer Lockdown System - Initiating System LCK-PCLCKDWN	8.00	1,800	14,400
Electronic Security System	ILS Computer Lockdown System - Annunciating System LCK-PCLCKDWN	8.00	1,800	14,400
Electronic Security System	EDU-C2960X-48FPD-L Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base K12	8.00	4,078	32,624
Electronic Security System	C2960X-STACK Catalyst 2960-X FlexStack Plus Stacking Module	65.00	610	39,650
Electronic Security System	EDU-C2960X-24PD-L Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base K12	47.00	2,344	110,168
Electronic Security System	GLC-TE= 1000BASE-T SFP transceiver module for Category 5 copper wire	108.00	202	21,816
Electronic Security System	Services to inventory, rack, setup, install and configure new switches for security system	1.00	55,000	55,000