

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date Nov 2017	
3. BUILDING NAME/LOCATION CUNNIFF SCHOOL 246 Warren Street Watertown MA 02472		4. PROJECT TITLE: INTERIOR HALLWAY PAINTING			
5. SCHOOL BLDG PRIORITY 10/12	6. SCHOOL PRIORITY 1/1	7. PROJECT NUMBER CU201901	8. PROJECT COST (\$000) 47		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
CUNNIFF SCHOOL PAINT HALLWAYS					47
ESTIMATED CONTRACT COST (sum of primary and supporting)		SF	8300	5	41.5
CONTINGENCY PERCENT (5%)					<u>12.</u>
SUBTOTAL					43.6
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					<u>2.8</u>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)					46.4
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Provides general interior painting of all the interior hallways of the Cunniff Elementary School.					
11. REQUIREMENT 8,300 SF  <b><u>PROJECT:</u></b> Improve aesthetics of Cunniff Elementary School by patching and painting the interior hallways.  Contractor shall submit manufacturer's literature and paint color samples. No less than two coats shall be applied. Apply paint according to manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied. All workmanship shall be of high quality, and all materials evenly spread and smoothly flowed on without runs or sags. All fillers, primers, finish coat materials, and related materials shall be compatible with one another and applied based on manufacturing data.  Inspect surfaces and fill all cracks, gouges, holes, and abrasions. No painting shall be performed on areas where plaster, spackle, caulking or concrete has been applied until such materials are thoroughly cured and dry. Do not paint until surface is thoroughly dry.  All hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted are to be removed. Following completion of painting operations in each space or area, have items installed by workers skilled in the trades involved. All furniture shall be covered or move out of the area during painting and returned upon completion.  Before applying paint or other surface treatments, clean the substrates of substances that could impair the bond of the various coatings. Remove oil and grease prior to cleaning. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.  Contractor shall be required to provide all manpower, materials, tools, drop cloths, supplies, equipment, transportation and supervision necessary to perform all interior painting. Contractor shall provide a written job plan which details each painting task and the date/times work will be accomplished at least seven (7) days prior.  Work will be accomplished when school is not in session and no equipment (ladders/lifts) will be left in the work areas outside working hours unless prior approval has been granted. Signs and barricades will be used where necessary in order to provide the highest level of safety. At the end of each workday, remove empty cans, rags, rubbish, and other					

discarded paint materials from the site. Collect and dispose of certain waste materials generated as a result of this work.

**REQUIREMENT:**

The school is required to provide adequate academic facilities for 310 students in grades K-6. School population based on 2017. An adequate and efficiently configured facility is required to provide administrative support for 60 teachers.

Cunniff Elementary School provides a supportive and challenging learning environment which maximizes student achievement, social responsibility and lifelong learning for all Cunniff Community members.

**CURRENT SITUATION:**

The Cunniff Elementary School is a 52,000SF facility that was originally constructed in 1954 with a one story addition in 1997. Although the overall building appears to be in good shape it is showing normal wear and tear and needs to be refreshed. Although the District is preparing for a major elementary school renovation, painting is an inexpensive way to dramatically change the look and feel of this worn down school until the renovation can occur.

**IMPACT IF NOT PROVIDED:**

If this project is not funded, the substandard environment and growing appearance of uncleanliness will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility.

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION HOSMER ELEMENTARY 1 Concord Rd Watertown MA 02472		4. PROJECT TITLE:  WINDOW FILM/TINTING		
5. SCHOOL BLDG PRIORITY  6/12	6. SCHOOL PRIORITY  1/2	7. PROJECT NUMBER  HO201901	8. PROJECT COST (\$000)  16	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
HOSMER ELEMENTARY SCHOOL WINDOW FILM/TINT ON EAST SIDE WINDOWS				16
ESTIMATED CONTRACT COST (sum of primary and supporting)	SF	700	20	<b>14</b>
CONTINGENCY PERCENT (5%)				<u>.2</u> 14.2
SUBTOTAL				<u>.92</u>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<b>15.12</b>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Provides a protective glare film on the windows in the east side classrooms				
11. REQUIREMENT: 700 SF				
<b><u>PROJECT:</u></b> Improve energy efficiency at the Hosmer Elementary School by adding a film/tint to the widows on the east side of the building in order to aid in temperature control.				
<b><u>REQUIREMENT:</u></b> The school is required to provide adequate academic facilities for 586 students in grades K-6. School population based on (2017-2018). An adequate and efficiently configured facility is required to provide administrative support for 70 teachers, 26 Instructional Assistants, and 2 Administrators.  Hosmer Elementary School provides educational resources for approximately one half of the elementary aged students in the City as well as hosting a variety of youth programs throughout the calendar year.				
<b><u>CURRENT SITUATION:</u></b> The Hosmer Elementary School is a 103,000SF facility that was originally constructed in 1967 with its last major renovation in 2002. Although the overall building appears to be in good shape it is showing normal wear and tear and needs to be refreshed. There are limited spaces that are climate controlled and the east facing classroom absorb an inordinate amount of sunlight and therefore the classrooms have exceeded an acceptable temperature for focused instruction and learning. Although the District is preparing for a major elementary school renovation, adding this film to the windows is an inexpensive way to increase energy efficiency and better control the learning environment of this worn down school until the renovation can occur.				

**IMPACT IF NOT PROVIDED:**

If this project is not funded, the substandard environment will continue to hamper the educational process due to students and staff being uncomfortable during the hot sunny seasons. Access to a free and appropriate program of instruction could be negatively impacted both at the start and end of the school year.

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date Nov 2017
3. BUILDING NAME/LOCATION HOSMER ELEMENTARY 1 Concord Rd Watertown MA 02472		4. PROJECT TITLE: LOCKER PAINTING/REFURBISHING		
5. SCHOOL BLDG PRIORITY 11/12	6. SCHOOL PRIORITY 2/2	7. PROJECT NUMBER H201902	8. PROJECT COST (\$000) 15	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
HOSMER ELEMENTARY SCHOOL PAINT/REFURBISH LOCKERS				<b>13.1</b>
ESTIMATED CONTRACT COST (sum of primary and supporting)	Ea	438	30	<b>13.1</b>
CONTINGENCY PERCENT (5%)				<u>0.7</u>
SUBTOTAL				<u>13.8</u>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<u>0.9</u>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				<b>14.7</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Provides general locker painting and minor refurbishing in the Hosmer Elementary School.				
11. REQUIREMENT: 438 Lockers  <b>PROJECT:</b> Improve aesthetics of Hosmer Elementary School by refurbishing and painting the student medal lockers.  Contractor shall submit manufacturer's literature and paint color samples. Apply additional coats to ensure uniform finish, color, and appearance. Apply paint according to manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied. All workmanship shall be of high quality, and all materials evenly spread and smoothly flowed on without runs or sags. All materials shall be compatible with one another and applied based on manufacturing data.  All furniture in the surrounding areas shall be covered or move out of the area during painting and returned upon completion.  Before applying paint or other surface treatments, clean and refurbish locker areas that could impair the bond of the coatings. Prior to work start, a survey of how many lockers need refurbishing shall be conducted. Remove oil and grease prior to cleaning. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.  Contractor shall be required to provide all manpower, materials, tools, drop cloths, supplies, equipment, transportation and supervision necessary to perform all interior painting.  Contractor shall provide a written job plan which details each painting task and the date/times work will be accomplished at least seven (7) days prior.				

Work will be accomplished when school is not in session and no equipment (ladders/lifts) will be left in the work areas outside working hours unless prior approval has been granted. Signs and barricades will be used where necessary in order to provide the highest level of safety. At the end of each workday, remove empty cans, rags, rubbish, and other discarded paint materials from the site. Collect and dispose of certain waste materials generated as a result of this work.

**REQUIREMENT:**

The school is required to provide adequate academic facilities for 586 students in grades PreK-5. School population based on 2017-2018. An adequate and efficiently configured facility is required to provide administrative support for 70 teachers, 26 Instructional Assistants, and 2 Administrators.

Hosmer Elementary School provides educational resources for approximately one half of the City's elementary school students. The school facility also serves as host to a variety of youth programs and camps throughout the calendar year.

**CURRENT SITUATION:**

The Hosmer Elementary School is a 103,000SF facility that was originally constructed in 1967 with its last major renovation in 2002. Although the overall building appears to be in good shape it is showing normal wear and tear and needs to be refreshed. It appears that these lockers are original to the school building and there is no evidence of renovation or improvement on their condition. Although the District is preparing for a major elementary school renovation, painting is an inexpensive way to dramatically change the look and feel of this worn down school until the renovation can occur.

**IMPACT IF NOT PROVIDED:**

If this project is not funded, the substandard environment and growing appearance of uncleanliness will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. All lockers are in some stage of rust and deterioration as well as loose, jagged metal. This poses a safety hazard to children using the lockers.

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION LOWELL ELEMENTARY 175 Orchard Street Watertown MA 02472		4. PROJECT TITLE:  PATCH PLASTER CEILING		
5. SCHOOL BLDG PRIORITY  1/12	6. SCHOOL PRIORITY  1/2	7. PROJECT NUMBER  LO201901	8. PROJECT COST (\$000)  28	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
LOWELL ELEMENTARY SCHOOL PATCH PLASTER CEILING				28
ESTIMATED CONTRACT COST (sum of primary and supporting)	LS			25
CONTINGENCY PERCENT (5%)				<u>1.3</u> 26.3
SUBTOTAL				<u>1.7</u>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				28
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				28
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Patch plaster ceiling on 1 <sup>st</sup> floor that is failing				
11. REQUIREMENT:				
<b><u>PROJECT:</u></b> Improve safety for teachers, staff, and students in the Lowell Elementary School by patching the cracked and failing plaster above the suspended ceiling on the first floor.				
Contractor is to evaluate the ceiling and determine the areas needing patching prior to work start. A course of action on patching the ceiling will be discussed and approved with the Director of Public Buildings prior to work start. Work will be accomplished when school is not in session and no equipment (ladders/lifts) will be left in the work areas outside working hours unless prior approval has been granted. Signs and barricades will be used where necessary in order to provide the highest level of safety. At the end of each workday, remove empty cans, rags, rubbish, and other discarded materials from the site. Collect and dispose of certain waste materials generated as a result of this work.				
<b><u>REQUIREMENT:</u></b> The school is required to provide adequate academic facilities for students in grades K-6.				
<b><u>CURRENT SITUATION:</u></b> The Lowell Elementary School is an 85,000SF facility that was originally constructed in 1927 with its last major renovation in 1996. During this renovation, suspended ceilings were installed three to four feet beneath the original plaster ceiling and anchors were placed in the plaster. Overtime, the plaster has weakened resulting in plaster chunks, some quite large, falling down through the suspended ceiling and into the classroom. These occurrences have happened throughout the years primarily in the nurse's office and cafeteria. Two years ago some areas were patched but no other areas need to be				

addressed. The ultimate fix is to rebuild/reinforce the entire ceiling and this should be addressed in the major elementary school renovation to occur in the next few years.

**IMPACT IF NOT PROVIDED:**

If this project is not funded, the ceiling has a great potential to continue to deteriorate and fall through the suspended ceiling on someone harming them greatly. Students and staff will be in danger and the school will be liable.



1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION LOWELL ELEMENTARY 175 Orchard Street Watertown MA 02472		4. PROJECT TITLE:  REPLACE CAFETERIA FLOOR		
5. SCHOOL BLDG PRIORITY  5/12	6. SCHOOL PRIORITY  2/2	7. PROJECT NUMBER  LO201902	8. PROJECT COST (\$000)  43	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
LOWELL ELEMENTARY SCHOOL REPLACE CAFETERIA FLOOR				43
ESTIMATED CONTRACT COST (sum of primary and supporting)				
Replace Floor	FT2	2400	8	19.2
Asbestos Removal	Day	3500	4	<u>14</u>
SUBTOTAL				<b>33.2</b>
CONTINGENCY PERCENT (5%)				<u>1.7</u>
SUBTOTAL				<b>39.9</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<u>2.3</u>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				42.2
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Remove & replace cafeteria flooring at the Lowell Elementary School.				
11. REQUIREMENT: 2400 SF				
<p><b><u>PROJECT:</u></b> Improve quality of life in Lowell Elementary School by replacing the 44'x54' buckled and ripped flooring in the cafeteria.</p> <p>Furnish all labor, materials, tools and equipment necessary to remove/dispose existing flooring and install new flooring. Move furniture as needed to complete the project. Contractor shall submit: A. Samples of each type, color, and pattern of carpeting, base and specialty materials. B. Manufacturer's Literature to include product warranty information, and Safety Data Sheets.</p> <p>Contractor will work with Asbestos Consultant to ensure there is or is not Asbestos removal needed prior to work start.</p>				
<p><b><u>REQUIREMENT:</u></b> The school is required to provide adequate academic facilities for students in grades K-6.</p>				
<p><b><u>CURRENT SITUATION:</u></b> The Lowell Elementary School is an 85,000SF facility that was originally constructed in 1927 with its last major renovation in 1996. Although the overall building appears to be in good shape it is showing normal wear and tear and needs to be refreshed. The sub-floor, which is plywood, has buckled in several locations causing the 18"x18" rubber floor tiles to lift creating an uneven floor surface and a tripping hazard which is a safety concern. In addition, due to the tiles buckling, the floor scrubbing machine cannot reach low areas resulting in dirt/grime build-up which is a sanitary issue. Although the District is preparing for a major elementary school renovation, this floor will continue to deteriorate at a fast past and will become a tripping and health hazard.</p>				

The lunch room is used every day by all students and sanitation and safety must be a priority. The room is also used for community events and Extended Day. The room and floor supports the whole Lowell community.

**IMPACT IF NOT PROVIDED:**

If this project is not funded, the floor will continue to deteriorate causing safety and sanitation to be compromised. Student's safety may be at risk if this project is not funded. In addition, the community will not be able to be rented out for events.

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION WATERTOWN MIDDLE SCHOOL Waverly Ave Watertown MA 02472			4. PROJECT TITLE:  REPLACE LAMINATE HALLWAY FLOOR	
5. SCHOOL BLDG PRIORITY  2/12	6. SCHOOL PRIORITY  1/3	7. PROJECT NUMBER  MS201901	8. PROJECT COST (\$000)  56	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERTOWN MIDDLE SCHOOL REPLACE LAMINATE FLOOR IN HALLWAYS				56
ESTIMATED CONTRACT COST (sum of primary and supporting)	SqFt	6200	8	<b>49.6</b>
CONTINGENCY PERCENT (5%)				<u>2.5</u>
SUBTOTAL				<b>52.1</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<u>3.4</u>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				<b>55.5</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replaces the laminate floor in the hallways in its entirety and replace to match other hallway VCT materials				
11. REQUIREMENT: 6,200 SF (Hallways)				
<b><u>PROJECT:</u></b> Improve quality of life and safety in Watertown Middle School by replacing the laminate flooring in the hallways with Vinyl Composition Tile (VCT). . Furnish all labor, materials, tools and equipment necessary to remove/dispose existing flooring and install new flooring to match the other existing VCT hallways. Move furniture as needed to complete the project.  Contractor shall submit: A. Samples of each type, color, and pattern of all needed materials. B. Manufacturer's Literature to include product warranty information, and Safety Data Sheets. And C. Maintenance Materials.  Work will be accomplished when school is not in session and no equipment (ladders/lifts) will be left in the work areas outside working hours unless prior approval has been granted. Signs and barricades will be used where necessary in order to provide the highest level of safety. At the end of each workday, remove empty cans, rags, rubbish, and other discarded materials from the site. Collect and dispose of certain waste materials generated as a result of this work.				
<b><u>REQUIREMENT:</u></b> The school is required to provide adequate academic facilities for 528 students in grades 6-8. School population based on 2017. An adequate and efficiently configured facility is required to provide administrative support for 150 Staff and approximately 1,050 parents.				
<b><u>CURRENT SITUATION:</u></b>				

The Watertown Middle School is a 134,000SF facility that was originally constructed in 1922 with major renovation in 1922 and 1998. The building is in fair condition with some items in poor condition. The laminate is starting to bow/buckle in various areas becoming a tripping hazard and needs to be replaced. This is not a typical material for school hallways and is not holding up as suspected.

**IMPACT IF NOT PROVIDED:**

If this project is not funded, the flooring will continue to deteriorate and become even more of a tripping hazard for students and teachers..

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION WATERTOWN MIDDLE SCHOOL Waverly Ave Watertown MA 02472		4. PROJECT TITLE:  REMODEL LOCKER ROOMS & BATHROOMS (X2)		
5. SCHOOL BLDG PRIORITY  7/12	6. SCHOOL PRIORITY  2/3	7. PROJECT NUMBER  MS201902	8. PROJECT COST (\$000)  250	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERTOWN MIDDLE SCHOOL REMODEL MEN & WOMEN'S LOCKER ROOMS				250
ESTIMATED CONTRACT COST (sum of primary and supporting)	LS			200
DESIGN ESTIMATE (10%)				<u>20</u>
SUBTOTAL				<b>220</b>
CONTINGENCY PERCENT (5%)				<u>11</u>
SUBTOTAL				<b>231</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<u>15</u>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				<b>246</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Remodel men and women's locker rooms to include the bathrooms at the Watertown Middle School. This is the first 2 of 8 needing remodeling.				
11. REQUIREMENT: 1,930SF				
<b><u>PROJECT:</u></b> Improve quality of life, health and safety in the Watertown Middle school by remodeling the locker rooms and bathrooms within the locker rooms. The project consists of building, refurbishing, and redesigning changing areas (stalls), reconfiguring fixtures, repairing doors, replacing floors and bringing restrooms up to current codes.				
The design shall consider existing conditions floor plan of the two locker rooms and bathrooms. The plan shall identify and include, but not be limited to, existing wall, floor and ceiling composition and finishes, all room dimensions, existing plumbing fixtures, waste, drain, vent and supply piping, all wall mounted accessories, doors with swing direction and hardware, wall and ceiling mounted light fixtures, and all electrical devices. The design shall include all necessary required select demolition items. The Design must be approved prior to work start.				
Work will be accomplished when school is not in session and no equipment (ladders/lifts) will be left in the work areas outside working hours unless prior approval has been granted. Signs and barricades will be used where necessary in order to provide the highest level of safety. At the end of each workday, remove empty cans, rags, rubbish, and other discarded materials from the site. Collect and dispose of certain waste materials generated as a result of this work.				
<b><u>REQUIREMENT:</u></b> The school is required to provide adequate academic facilities for 528 students in grades 6-8. School population based on 2017. An adequate and efficiently configured facility is required to provide administrative support for 150 Staff and approximately 1,050 parents.				

**CURRENT SITUATION:**

The Watertown Middle School is a 134,000SF facility that was originally constructed in 1922 with major renovation in 1922 and 1998. The building is in fair condition with some items in poor condition. Although the plumbing system appears to be renovated at the last major renovation in 1998, the locker rooms and bathrooms were not remodeled and a majority of the plumbing fixtures are in need of replacement. In addition, the bathroom floors and stall doors are damaged and in need of repair or showing major wear and tear. The current configuration provides showers that are not used and provides very little if any privacy. The recent Facility Assessment concluded that plumbing improvements were needed.

**IMPACT IF NOT PROVIDED:**

If this project is not funded, the substandard environment will continue to hamper the educational process and appear to remain unsafe, unhealthy and unclean for our students. The boy's locker room does not provide any privacy for students to change which becomes and behavioral and supervisory problems at times. In addition, the girl's locker room has changing stalls but no doors which will also lead to privacy issues. This has already become a privacy and supervision problem and will continue to get worse.

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION WATERTOWN MIDDLE SCHOOL Waverly Ave Watertown MA 02472		4. PROJECT TITLE:  REPLACE CARPET		
5. SCHOOL BLDG PRIORITY  9/12	6. SCHOOL PRIORITY  3/3	7. PROJECT NUMBER  MS201903	8. PROJECT COST (\$000)  50	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERTOWN MIDDLE SCHOOL REPLACE CARPET				<b>50</b>
ESTIMATED CONTRACT COST (sum of primary and supporting)	SQFT	7210	6	43.3
CONTINGENCY PERCENT (5%)				<u>2.2</u>
SUBTOTAL				45.5
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<u>3.0</u>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				<b>48.5</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replaces the carpet in the auditorium, library, and main offices at the Watertown Middle School.				
11. REQUIREMENT: 7,21SF				
<p><b><u>PROJECT:</u></b>  Improve quality of life in Watertown Middle School by replacing carpet.  Furnish all labor, materials, tools and equipment necessary to remove/dispose existing carpeting and install new carpeting / cove base as indicated and/or specified herein.  Move furniture as needed to complete the project.</p> <p>Contractor shall submit: A. Samples of each type, color, and pattern of carpeting, base and specialty materials. B. Manufacturer's Literature to include product warranty information, and Safety Data Sheets. And C. Maintenance Materials. Samples must be approved prior to work start.</p> <p>Carpeting shall have a limited lifetimes warranty for wear, static, color fastness, and stain resistance.</p> <p>Work will be accomplished when school is not in session and no equipment will be left in the work areas outside working hours unless prior approval has been granted. Signs and barricades will be used where necessary in order to provide the highest level of safety. At the end of each workday, remove empty cans, rags, rubbish, and other discarded materials from the site. Collect and dispose of certain waste materials generated as a result of this work.</p> <p><b><u>REQUIREMENT:</u></b>  The school is required to provide adequate academic facilities for 528 students in grades 6-8. School population based on 2017. An adequate and efficiently configured facility is required to provide administrative support for 150 Staff and approx 1,050 parents.</p>				

**CURRENT SITUATION:**

The Watertown Middle School is a 134,000SF facility that was originally constructed in 1922 with major renovation in 1922 and 1998. The building is in fair condition with some items in poor condition and the carpets are showing great wear and tear.

**IMPACT IF NOT PROVIDED:**

If this project is not funded, the substandard environment will continue to hamper the educational process and appear to remain unsafe, unhealthy and unclean for our students and visitors. The carpets will start ripping making it a tripping hazard and cleaning the carpet will continue to be difficult to accomplish.



1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION WATERTOWN HIGH SCHOOL 50 Columbia St Watertown MA 02472		4. PROJECT TITLE:  RESURFACE PARKING LOT		
5. SCHOOL BLDG PRIORITY  4/12	6. SCHOOL PRIORITY  1/2	7. PROJECT NUMBER  HS201901	8. PROJECT COST (\$000)  94	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERTOWN HIGH SCHOOL RESURFACE PARKING LOT				94
ESTIMATED CONTRACT COST (sum of primary and supporting)		28,000	3	84
CONTINGENCY PERCENT (5%)				<u>4.2</u>
SUBTOTAL				<b>88.2</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<u>5.7</u>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				<b>93.9</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Resurface and restripe teachers parking lot				
11. REQUIREMENT: 28,000SF				
<p><b><u>PROJECT:</u></b> Improve traffic safety at the High School by resurface and restriping the parking lot. Fill in depressions as needed. Suggestions on parking lot reconfiguration needs to be submitted.</p> <p><b><u>REQUIREMENT:</u></b> The school is required to provide adequate academic facilities for 672 students in grades 9-12. School population based on (2017/18). An adequate and efficiently configured parking facility is required to provide administrative support for 145 staff housed or partially housed at WHS: 8 District employees, 9 Curriculum Coordinators, 3 Administrators, 85 teachers, and 40 support staff. There is no available student or visitor parking except on the neighborhood streets. The current parking lot is in need of significant repair and is configured to hold 70 cars maximum.</p> <p>Watertown High School mission is to produce lifelong learners through examination of human achievements, development of essential skills, and promotion of civic responsibility and ethics. We are committed to a rigorous curriculum designed to foster students' growth as creative and independent thinkers. We provide a safe and nurturing environment in which students and faculty have the opportunity to realize their potential.</p> <p><b><u>CURRENT SITUATION:</u></b> The Watertown High school is a 165,000SF facility that was originally constructed in the 1920s with its last major renovations/alterations in the 1950s, 1979 and 2004. The condition of this facility is in poor shape and rapidly declining. Paint has faded and there are multiple potholes and swells. Currently the district is seeking a MSBA grant for a new high school. However it will still be a few years even if this is granted and repaving the parking lot will help increase traffic safety. A recent facility assessment agreed with this need and reconfigured due to the very small lot.</p> <p><b><u>IMPACT IF NOT PROVIDED:</u></b> If this project is not funded, the chances of car accidents will remain high as the pavement will continue to deteriorate. Teachers and staff will park unsafely due to the paint striping being faded or gone and potholes will get worse causing</p>				

damage to vehicles. Emergency vehicles will also have a difficult time accessing the facility from this parking lot due to the poor configuration.

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION WATERTOWN HIGH SCHOOL 50 Columbia St Watertown MA 02472		4. PROJECT TITLE:  Replace Water Fountains		
5. SCHOOL BLDG PRIORITY  12/12	6. SCHOOL PRIORITY  2/2	7. PROJECT NUMBER  HS201902	8. PROJECT COST (\$000)  25	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERTOWN HIGH SCHOOL REPLACE WATER FOUNTAINS				25
ESTIMATED CONTRACT COST (sum of primary and supporting)	ea	10	2000	<b>20</b>
LABOR	hr	20	80	<b><u>1.6</u></b>
SUBTOTAL				<b>21.6</b>
CONTINGENCY PERCENT (5%)				<b><u>1.1</u></b>
SUBTOTAL				22.7
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<b><u>1.5</u></b>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				<b>24.2</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replace Water Fountains at the High School				
11. REQUIREMENT: <b><u>PROJECT:</u></b> Improve morale and health by replacing the water fountains with water bottle filler water fountains. Several fountains throughout the building are non-functional. In the last two years we have replaced four broken or non-functional fountains with 4 new water filling station fountains. These 4 fountains are the only adequately functional fountains in the 165,000 sf building.  <b><u>REQUIREMENT:</u></b> The school is required to provide adequate academic facilities for 672 students in grades 9-12. School population based on 2017/18 An adequate and efficiently configured facility is required to provide administrative support for 145 staff members  Watertown High School mission is to produce lifelong learners through examination of human achievements, development of essential skills, and promotion of civic responsibility and ethics. We are committed to a rigorous curriculum designed to foster students' growth as creative and independent thinkers. We provide a safe and nurturing environment in which students and faculty have the opportunity to realize their potential.  <b><u>CURRENT SITUATION:</u></b> The Watertown High school is a 165,000SF facility that was originally constructed in the 1920s with its last major renovations/alterations in the 1950s, 1979 and 2004. The condition of this facility is in poor shape and rapidly declining. Currently the district is seeking a MSBA grant for a new high school. However it will still be a few years even if this is granted and adding new fountains is an inexpensive way to increase the morale and life/health/safety of the students.  <b><u>IMPACT IF NOT PROVIDED:</u></b>				

If this project is not funded, the substandard environment will continue to hamper the educational process. Time out of class to walk to the nearest functioning fountain is excessive.

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION PHILLIPS ADMIN BUILDING 30 Common Street Watertown MA 02472		4. PROJECT TITLE:  INSTALL EMERGENCY GENERATOR		
5. SCHOOL BLDG PRIORITY  3/12	6. SCHOOL PRIORITY  1/2	7. PROJECT NUMBER  PH201901	8. PROJECT COST (\$000)  280	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PHILLIPS SCHOOL ADMIN BUILDING INSTALL GENERATOR				<b>280</b>
ESTIMATED CONTRACT COST (sum of primary and supporting)	Ea	1		250
CONTINGENCY PERCENT (5%)				<u>12.5</u>
SUBTOTAL				<b>262.5</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<u>17.0</u>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				<b>279.5</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Install Generator for Watertown Public Schools Administration Building with Concrete Pad.				
11. REQUIREMENT:				
<b><u>PROJECT:</u></b> Install a right-sized standby generator that will keep power flowing to the heating system, cooling system, refrigeration, communication hub, security systems and elevator systems. In addition it will be used to safeguard any electronics in the offices to prevent damage and loss of data.				
Generator shall be placed on a new concrete pad with conduit and wire placed through concrete wall to transfer switch. Location recommendations to be included. Generator shall have an automatic start Transfer Switch installed inside building.				
Electrical work shall be done in order to fully operate newly installed generator and associated equipment. Warranty information shall include service and maintenance manuals.				
Evaluation of load needs to occur prior to purchase and installation of right size generator.				
<b><u>REQUIREMENT:</u></b> The administration building is required to provide adequate academic staffing and oversight for all district students in grades K-12.				
<b><u>CURRENT SITUATION:</u></b> The Watertown Phillips School is a 35,000SF facility that was originally constructed in 1937 with major renovation in 2001. It is also the hub for the School District's computers/internet/phone services as well as the Superintendent and the School Administration Staff.				

**IMPACT IF NOT PROVIDED:**

If this project is not funded, if power is to go out at the Phillips, all 5 schools will lose internet and phone connectivity due to the central hub being down. In addition, the administrative staff will be unable to handle important transactions needed to ensure students receive a successful education and that parents/community receive the proper communication needed.

1. TOWN COMPONENT: WATERTOWN SCHOOLS	<b>FY 2019 WATERTOWN CAPITAL PLAN PROJECT DATA</b>			2. Date  Nov 2017
3. BUILDING NAME/LOCATION PHILLIPS ADMIN BUILDING 30 Common Street Watertown MA 02472		4. PROJECT TITLE:  INSTALL HVAC UPGRADES		
5. SCHOOL BLDG PRIORITY  8/12	6. SCHOOL PRIORITY  2/2	7. PROJECT NUMBER  PH201902	8. PROJECT COST (\$000)  140	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PHILLIPS SCHOOL ADMIN BUILDING INSTALL HVAC SPLIT UNITS ON 2 <sup>ND</sup> & 3 <sup>RD</sup> FLOOR				<b>140</b>
ESTIMATED CONTRACT COST (sum of primary and supporting)	Ea	4	30,000	120
SPLIT UNITS		32	84	<u>2.7</u>
LABOR				<b>122.7</b>
SUBTOTAL				<u>6.14</u>
CONTINGENCY PERCENT (5%)				<b>128.84</b>
SUBTOTAL				<u>8.37</u>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				<b>137.21</b>
TOTAL REQUEST (sum of total contract cost, SIOH and design build)				
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Purchase and Install 4 HVAC Split Units for Watertown Public Schools Administration Building.				
11. REQUIREMENT:				
<b><u>PROJECT:</u></b> Purchase and install HVAC split units that will control heat and cooling needs in the building due to lack of central air.  Contractor shall evaluate and design optimal location for the units on the 2 <sup>nd</sup> and 3 <sup>rd</sup> floor offices in the Phillips building. Electrical work shall be done in order to fully operate newly installed units and associated equipment.  Warranty information shall include service and maintenance manuals.				
<b><u>REQUIREMENT:</u></b> The administration building is required to provide adequate academic staffing and oversight for all students and staff in grades K-12.				
<b><u>CURRENT SITUATION:</u></b> The Watertown Phillips School is a 35,000SF facility that was originally constructed in 1937 with major renovation in 2001. The recent facility assessment recommended the office get new HVAC systems due to cooling mostly being accomplished by poor, inefficient window air conditioning units.				

**IMPACT IF NOT PROVIDED:**

If this project is not funded, the school administrative staff that works throughout the summer months will suffer due to poor, inefficient cooling systems. Utility bills will also rise due to inefficient energy usage.