

Facility Estimated Expenses Form

District or Board Name: Greenburgh Central School District

Facility Name: Highview Elementary School

SED Number: 66-04-07-06-0-002

| | | | | New Construction | Addition | Alterations | Major System | Major Repair | Energy | Bond | Capital | |
|--------|----------|-------|---|------------------|----------|-------------|--------------|--------------|--------|------|---------|-------------|
| Year 1 | Priority | BCS # | Item Description | | | | | | | | | |
| 1 | 1 | 39 | Provide an RPZ type backflow prevention device. | | | | X | | | | X | \$50,000 |
| 1 | 1 | 73 | Replace all built-up flat roof areas with new 2 ply modified SBS roof system (40,500 sf), provide additional roof drains, replace roof hatch. | | | | X | | | X | | \$2,450,500 |
| 1 | 1 | 74 | Remove painted infill panels at steel frame gymnasium partition. Replace with impact resistant fire rated gypsum board panels. Remove glass wall at first floor that overlooks the gym and replace with steel stud and gyp bd fire rated partition, remove plate glass at principal office wall and replace with fire rated glass panels; remove glazing at serving line wall and install fire rated glass panels for 1 hr fire rating. | | | X | | | | X | | \$35,000 |
| 1 | 1 | 82 | Remove and replace 6 pairs of doors – (1) pair at cross corridor by stair on ground floor; (1) pair at the stair by the main entry; (3) pair at gym and (1) pair at entry vestibule. Provide new doors with panic devices and latching door hardware and magnetic hold open devices. Remove and replace 10 single doors – (2) at cafeteria serving line, (1) at utility storage room, (6) at B & G toilet rooms. Provide new door and hardware. | | | | | X | | X | | \$85,000 |
| 1 | 1 | 84 | Existing elevator is not functioning and needs to be replaced. The existing cab is non-ADA compliant. Remove existing elevator and replace with new ADA compliant elevator. | | | | | X | | X | | \$300,000 |
| 1 | 1 | 87.1 | Provide unit vents for mechanical fresh air in all rooms (30). | | | | X | | | X | | \$2,700,000 |
| 1 | 1 | 87.2 | Repair OT/PT unit to ensure proper operation. | | | | X | | | | X | \$20,000 |
| 1 | 1 | 87.3 | Replace gym air handling unit for proper operation. | | | | X | | | X | | \$175,000 |
| 1 | 1 | 87.4 | Add a natural gas detection system in the boiler room. | | | | X | | | | X | \$30,000 |
| 1 | 1 | 87.5 | Replace the new wing AHU's and provide an AHU for the cafeteria. | | | | X | | | X | | \$800,000 |
| 1 | 1 | 88.1 | Replace non-operational original rooftop exhaust fans (18). | | | | X | | | X | | \$450,000 |
| 1 | 1 | 88.2 | Ensure that exhaust fans run during all occupied | | | | X | | | | X | \$50,000 |
| 1 | 1 | 88.3 | Missing exhaust fan grille in the nurses office and the new wing boys room. | | | | X | | | | X | \$2,000 |
| 1 | 1 | 94.1 | Provide a grease trap in the kitchen. | | | | X | | | | X | \$40,000 |
| 1 | 1 | 94.2 | Provide air gap drains on the kitchen 3 compartment sink. | | | | X | | | | X | \$5,000 |
| 1 | 1 | 97.1 | Provide a tempered emergency eyewash station in the nurses office. | | | | X | | | | X | \$4,000 |

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| Year 1 | Priority | BCS # | Item Description | | | | | | | | | |
| 1 | 1 | 97.2 | Remove the drinking from psychologists office sink and provide a separate basin. | | | | X | | | | X | \$5,000 |
| 1 | 1 | 98 | Provide vacuum breakers on slop sinks (2) to avoid back siphonage. | | | | X | | | | X | \$5,000 |
| 1 | 1 | 105 | Replace the fire alarm system with an ADA compliant system including fan shutdown. Add magnetic hold open devices to the cafeteria doors. | | | | X | | | X | | \$331,000 |
| 1 | 1 | 106 | Replace battery type CO detection with hard wire detectors. | | | | X | | | | X | \$16,000 |
| 1 | 1 | 116 | Provide handicapped accessible toilet at the health office, renovate B & G toilets at 1964 addition for ADA compliance, provide handicapped accessible toilet at special ed classroom. Replace sink base cabinets at classrooms with ADA compliant sink base units and sinks (18 classrooms). | | | X | | | | X | | \$750,000 |
| Priority 1 Total | | | | | | | | | | | | \$8,303,500 |
| Year 2 | Priority | BCS # | Item Description | | | | | | | | | Cost |
| 2 | 2 | 66 | North east corner of building at grade level water is entering the building through the exterior wall into the art room storage area. Crack seal and or repoint cracks in masonry wall and grade area outside wall to pitch away from the building. | | | | | X | | | X | \$15,000 |
| 2 | 2 | 67 | Repoint masonry mortar joints, replace concrete cap with stainless steel chimney cap. | | | | | X | | X | | \$50,000 |
| 2 | 2 | 70 | Remove existing asphalt and concrete steps along south side of building by room 1 and 2 and replace with new concrete and new retaining wall. Provide ramp transition to grade at exit doors by room 1, 16, 17, 18, 19 and a 2 pair exit doors by room 19 and 15 in 1964 addition. Reconstruct stairs at front of building that lead down to lower ball field and playground. | | | | | X | | X | | \$300,000 |
| 2 | 2 | 72 | Replace all aluminum frame and single pane glass window units with new aluminum frame and insulated glass window units - curtain wall and ribbon windows (8,000 sf). | | | | X | | | X | | \$2,080,000 |
| 2 | 2 | 76 | Remove carpet from OT/PT room - issues with water damage. Replace with new carpet or durable rubber resilient flooring for the needs of that space (800 sf). | | | | | X | | | X | \$9,600 |
| 2 | 2 | 78 | Remove original ceramic tile floors at boys and girls toilet rooms and staff toilets and replace with new ceramic floor tile. At utility storage room behind kitchen provide poured concrete slab over existing exposed stone (1,300 sf). | | | | | X | | X | | \$74,500 |

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| Year 2 | Priority | BCS # | Item Description | | | | | | | | | | Cost |
| 2 | 2 | 87.6 | Repair leak in boiler. | | | | | X | | | | X | \$30,000 |
| 2 | 2 | 87.7 | Repair damaged boiler insulation. | | | | | X | | | | X | \$30,000 |
| 2 | 2 | 88 | Brick up removed exhaust fan in art room. | | | | | X | | | | X | \$10,000 |
| 2 | 2 | 90 | Insulate all bare pipe in boiler room for safety and efficiency. | | | | | X | | | | X | \$15,000 |
| 2 | 2 | 93 | Provide a water hammer arrestor on the water line. | | | | | X | | | | X | \$10,000 |
| 2 | 2 | 101.1 | Provide additional electrical circuits in the 2nd grade area. | | | | | X | | | | X | \$25,000 |
| 2 | 2 | 101.2 | Provide additional classroom electrical outlets and replace non-functional outlets. | | | | | X | | | | X | \$75,000 |
| 2 | 2 | 102 | Add additional exterior security lighting in the rear of the building. | | | | | X | | | | X | \$50,000 |
| 2 | 2 | 108.1 | Repair/replace motion detection in zones 11, 14, 18 & 20. | | | | | X | | | | X | \$10,000 |
| 2 | 2 | 108.2 | Provide 6 additional CCTC interior cameras. | | | | | X | | | | X | \$40,000 |
| 2 | 2 | 108.3 | Replace the PA/intercom system and provide handsets in each classroom for emergency notification. | | | | | X | | | X | | \$300,000 |
| Priority 2 Total | | | | | | | | | | | | | \$3,124,100 |
| Year 3 | Priority | BCS # | Item Description | | | | | | | | | | Cost |
| 3 | 3 | 41 | Upgrade gas service to allow for dual fuel firing of boilers. | | | | | X | | | | X | \$200,000 |
| 3 | 3 | 44 | Clear out and maintain existing drainage structures, provide additional drainage structures at north paved area used for mini bus turnaround. | | | | | | X | | | X | \$70,000 |
| 3 | 3 | 48 | Provide additional catch basins and manholes in conjunction with new drainage structures. | | | | | | X | | | X | \$30,000 |
| 3 | 3 | 55 | Parking lot was overlayed in 2017 as of 2020 there are several cracks in the asphalt pavement at the west parking lot and bus loop – remove and replace damaged areas of asphalt (4,000 sf) Remove asphalt pavement at north paved area used for mini bus turnaround and replace with vehicular traffic bearing asphalt pavement (9,000 sf). | | | | | | X | | | X | \$125,000 |
| 3 | 3 | 56 | Remove narrow asphalt walks around 1964 classroom addition and replace with 4' wide concrete walks (2,500sf), replace asphalt walk outside room 1 & 2 with new concrete walk connecting to stair (500sf), repair broken concrete walks at the front of the building and a entry door by art room (850 sf). | | | | | | X | | | X | \$35,000 |

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| Year 3 | Priority | BCS # | Item Description | | | | | | | | | |
| 3 | 3 | 57 | Remove existing playground structure and replace with new structure that is ADA compliant and suitable for age group using it. Provide rubber safety surface for fall protection and ADA access (1,600sf). | | | | | X | | X | | \$410,000 |
| 3 | 3 | 58 | Existing grass play area on south side of building is all dirt and rocks and not safe as a play area. Regrade play area and provide new topsoil and grass. Consider irrigation to keep grass growing (7,000 sf). Install drainage structure in flat graded areas. | | | | | X | | | X | \$75,000 |
| 3 | 3 | 69 | Replace exterior aluminum frame and single pane glass doors and hardware at classrooms and entries to the building – 19 single leaf doors and 5 pairs of doors. Aluminum door frame to be replaced with window replacement item. | | | | | X | | X | | \$251,000 |
| 3 | 3 | 81 | Remove lockers and showers from girls locker room and convert room to storage for gym equipment. | | | X | | | | X | | \$50,000 |
| 3 | 3 | 87.6 | Replace 2 original Smith Mills boilers. | | | | X | | | X | | \$800,000 |
| 3 | 3 | 87.7 | Replace the damaged cabinet heater front in the new wing boys room. | | | | X | | | | X | \$5,000 |
| 3 | 3 | 87.8 | Add HW heater to the OT/PT room to replace electric heat. | | | | X | | | | X | \$35,000 |
| 3 | 3 | 87.9 | Replace the noisy 2nd floor hall exhaust fan. | | | | X | | | | X | \$25,000 |
| 3 | 3 | 93.1 | Upgrade all controls to DDC to ensure proper occupied operation, including exhaust fan day/night control, add HW reset and night setback. | | | | X | | X | | | \$450,000 |
| 3 | 3 | 93.2 | Insulate water service piping adjacent to the gas meter. | | | | X | | | | X | \$10,000 |
| 3 | 3 | 97 R | Replace 5 non-operational exterior hose faucets. | | | | X | | | | X | \$25,000 |
| 3 | 3 | 97 R | Replace all older type flushometers assume 20 locations. | | | | X | | | | X | \$20,000 |
| 3 | 3 | 101.1 | Replace 11 remaining original Empire electrical panels. | | | | X | | | X | | \$220,000 |
| 3 | 3 | 101.2 | Add electric hand dryers to 6 student bathrooms. | | | | X | | | | X | \$45,000 |
| 3 | 3 | 102 | Replace or retrofit all building lighting with LED and add lighting controls (possible EPC). | | | | X | | X | | | \$475,000 |
| 3 | 3 | 108 | Add a permanent sound system in the gymnasium. | | | | X | | | X | | \$125,000 |
| Priority 3 Total | | | | | | | | | | | | \$3,481,000 |
| Year 4 | Priority | BCS # | Item Description | | | | | | | | | Cost |
| 4 | 4 | 89 | Provide A/C for the cafeteria. | | | | X | | | X | | \$400,000 |
| Priority 4 Total | | | | | | | | | | | | \$400,000 |

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|------------------------------|----------|-------|---|------------|---------------------|-----------------|--------------------|---------------------|---------------------|---------------|-------------|----------------|---------------------|
| Year 5 | Priority | BCS # | Item Description | | | | | | | | | | Cost |
| 5 | 5 | 101 | Provide a rooftop lightning protection system. | | | | | X | | | X | | \$150,000 |
| 5 | 5 | 108 | Replace battery clocks with a central satellite clock system. | | | | | X | | | X | | \$75,000 |
| Priority 5 Total | | | | | | | | | | | | | \$225,000 |
| <u>Facility Total</u> | | | | | | | | | | | | | \$15,533,600 |