

# Project Estimate Summary 

wendel

Sheet Name: Conceptual Scope

| Unit Quantity | Type | Unit Cost | Subtotal |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Initial Cost | Escalation | Design Contingency | Construction Budget | Construction Contingency | Incidental Budget | Total Scope of Work Value |
|  |  |  | Intia Cost | 5\% | 5\% |  | 7\% | 18\% |  |


| High School |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SSBA Renovations |  |  |  |  |  |  |  |  |  |  |
| 1. New Card Readers | 1 | ea. | \$1,500 | \$1,500 | \$75 | \$79 | \$1,654 | \$116 | \$319 | \$2,088 |
| 2. New Door Contacts | 18 | ea. | \$300 | \$5,400 | \$270 | \$284 | \$5,954 | \$417 | \$1,147 | \$7,517 |
| 3. New Request to Exit | 0 | ea. | \$300 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 4. New Electronic Strike | 0 | ea. | \$250 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 5. Interior Door - Wireless Lockset | 90 | ea. | \$1,000 | \$90,000 | \$4,500 | \$4,725 | \$99,225 | \$6,946 | \$19,111 | \$125,281 |
| 6. Interior Door - Lockset Module | 6 | ea. | \$1,500 | \$9,000 | \$450 | \$473 | \$9,923 | \$695 | \$1,911 | \$12,528 |
| 7. Interior Camera - Fixed | 40 | ea. | \$1,500 | \$60,000 | \$3,000 | \$3,150 | \$66,150 | \$4,631 | \$12,740 | \$83,521 |
| 8. Interior Camera-270 Degree | 22 | ea. | \$2,000 | \$44,000 | \$2,200 | \$2,310 | \$48,510 | \$3,396 | \$9,343 | \$61,249 |
| 9. Exterior Camera - 180 Degree | 2 | ea. | \$3,000 | \$6,000 | \$300 | \$315 | \$6,615 | \$463 | \$1,274 | \$8,352 |
| 10. Exterior Camera-270 Degree | 20 | ea. | \$3,500 | \$70,000 | \$3,500 | \$3,675 | \$77,175 | \$5,402 | \$14,864 | \$97,441 |
| 11. Door Closer w/ Hold Open | 90 | ea. | \$1,500 | \$135,000 | \$6,750 | \$7,088 | \$148,838 | \$10,419 | \$28,666 | \$187,922 |
| 12. Motion Detectors | 75 | ea. | \$300 | \$22,500 | \$1,125 | \$1,181 | \$24,806 | \$1,736 | \$4,778 | \$31,320 |
| SSBA Renovations Subtotal |  |  |  | \$443,400 | \$22,170 | \$23,279 | \$488,849 | \$34,219 | \$94,152 | \$617,220 |
| Subtotal High School |  |  |  | \$443,400 | \$22,170 | \$23,279 | \$488,849 | \$34,219 | \$94,152 | \$617,220 |
|  |  |  |  |  |  |  |  |  |  |  |
| Jackson |  |  |  |  |  |  |  |  |  |  |
| Renovations |  |  |  |  |  |  |  |  |  |  |
| 1. New Card Readers | 2 | ea. | \$1,500 | \$3,000 | \$150 | \$158 | \$3,308 | \$232 | \$637 | \$4,176 |
| 2. New Door Contacts | 0 | ea. | \$300 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 3. New Request to Exit | 2 | ea. | \$300 | \$600 | \$30 | \$32 | \$662 | \$46 | \$127 | \$835 |
| 4. New Electronic Strike | 2 | ea. | \$250 | \$500 | \$25 | \$26 | \$551 | \$39 | \$106 | \$696 |
| 5. Interior Door - Wireless Lockset | 32 | ea. | \$1,000 | \$32,000 | \$1,600 | \$1,680 | \$35,280 | \$2,470 | \$6,795 | \$44,545 |
| 6. Interior Door - Lockset Module | 2 | ea. | \$1,500 | \$3,000 | \$150 | \$158 | \$3,308 | \$232 | \$637 | \$4,176 |
| 7. Interior Camera - Fixed | 20 | ea. | \$1,500 | \$30,000 | \$1,500 | \$1,575 | \$33,075 | \$2,315 | \$6,370 | \$41,760 |
| 8. Interior Camera-270 Degree | 15 | ea. | \$2,000 | \$30,000 | \$1,500 | \$1,575 | \$33,075 | \$2,315 | \$6,370 | \$41,760 |
| 9. Exterior Camera-180 Degree | 0 | ea. | \$3,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 10. Exterior Camera-270 Degree | 14 | ea. | \$3,500 | \$49,000 | \$2,450 | \$2,573 | \$54,023 | \$3,782 | \$10,405 | \$68,209 |
| 11. Door Closer w/ Hold Open | 32 | ea. | \$1,500 | \$48,000 | \$2,400 | \$2,520 | \$52,920 | \$3,704 | \$10,192 | \$66,817 |
| 12. Motion Detectors | 35 | ea. | \$300 | \$10,500 | \$525 | \$551 | \$11,576 | \$810 | \$2,230 | \$14,616 |
| Renovations Subtotal |  |  |  | \$206,600 | \$10,330 | \$10,847 | \$227,777 | \$15,944 | \$43,870 | \$287,591 |
| Subtotal Jackson |  |  |  | \$206,600 | \$10,330 | \$10,847 | \$227,777 | \$15,944 | \$43,870 | \$287,591 |


| Unit Quantity | Type | Unit Cost | Initial Cost | Escalation$5 \%$ | Subtotal |  |  |  | Total Scope of Work Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Design Contingency | Construction Budget | Construction Contingency | Incidental Budget |  |
|  |  |  |  |  | 5\% |  | 7\% | 18\% |  |


| John Kennedy |  |  |  |  |  |  |  |  |  |  |
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| Renovations |  |  |  |  |  |  |  |  |  |  |
| 1. New Card Readers | 2 | ea. | \$1,500 | \$3,000 | \$150 | \$158 | \$3,308 | \$232 | \$637 | \$4,176 |
| 2. New Door Contacts | 1 | ea. | \$300 | \$300 | \$15 | \$16 | \$331 | \$23 | \$64 | \$418 |
| 3. New Request to Exit | 2 | ea. | \$300 | \$600 | \$30 | \$32 | \$662 | \$46 | \$127 | \$835 |
| 4. New Electronic Strike | 2 | ea. | \$250 | \$500 | \$25 | \$26 | \$551 | \$39 | \$106 | \$696 |
| 5. Interior Door - Wireless Lockset | 47 | ea. | \$1,000 | \$47,000 | \$2,350 | \$2,468 | \$51,818 | \$3,627 | \$9,980 | \$65,425 |
| 6. Interior Door - Lockset Module | 3 | ea. | \$1,500 | \$4,500 | \$225 | \$236 | \$4,961 | \$347 | \$956 | \$6,264 |
| 7. Interior Camera - Fixed | 15 | ea. | \$1,500 | \$22,500 | \$1,125 | \$1,181 | \$24,806 | \$1,736 | \$4,778 | \$31,320 |
| 8. Interior Camera-270 Degree | 10 | ea. | \$2,000 | \$20,000 | \$1,000 | \$1,050 | \$22,050 | \$1,544 | \$4,247 | \$27,840 |
| 9. Exterior Camera - 180 Degree | 2 | ea. | \$3,000 | \$6,000 | \$300 | \$315 | \$6,615 | \$463 | \$1,274 | \$8,352 |
| 10. Exterior Camera-270 Degree | 12 | ea. | \$3,500 | \$42,000 | \$2,100 | \$2,205 | \$46,305 | \$3,241 | \$8,918 | \$58,465 |
| 11. Door Closer w/ Hold Open | 47 | ea. | \$1,500 | \$70,500 | \$3,525 | \$3,701 | \$77,726 | \$5,441 | \$14,970 | \$98,137 |
| 12. Motion Detectors | 44 | ea. | \$300 | \$13,200 | \$660 | \$693 | \$14,553 | \$1,019 | \$2,803 | \$18,375 |
| Renovations Subtotal |  |  |  | \$230,100 | \$11,505 | \$12,080 | \$253,685 | \$17,758 | \$48,860 | \$320,303 |
| Subtotal John Kennedy |  |  |  | \$230,100 | \$11,505 | \$12,080 | \$253,685 | \$17,758 | \$48,860 | \$320,303 |
| Middle School |  |  |  |  |  |  |  |  |  |  |
| 1. New Card Readers | 3 | ea. | \$1,500 | \$4,500 | \$225 | \$236 | \$4,961 | \$347 | \$956 | \$6,264 |
| 2. New Door Contacts | 0 | ea. | \$300 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 3. New Request to Exit | 3 | ea. | \$300 | \$900 | \$45 | \$47 | \$992 | \$69 | \$191 | \$1,253 |
| 4. New Electronic Strike | 3 | ea. | \$250 | \$750 | \$38 | \$39 | \$827 | \$58 | \$159 | \$1,044 |
| 5. Interior Door - Wireless Lockset | 62 | ea. | \$1,000 | \$62,000 | \$3,100 | \$3,255 | \$68,355 | \$4,785 | \$13,165 | \$86,305 |
| 6. Interior Door - Lockset Module | 4 | ea. | \$1,500 | \$6,000 | \$300 | \$315 | \$6,615 | \$463 | \$1,274 | \$8,352 |
| 7. Interior Camera - Fixed | 61 | ea. | \$1,500 | \$91,500 | \$4,575 | \$4,804 | \$100,879 | \$7,062 | \$19,429 | \$127,370 |
| 8. Interior Camera-270 Degree | 10 | ea. | \$2,000 | \$20,000 | \$1,000 | \$1,050 | \$22,050 | \$1,544 | \$4,247 | \$27,840 |
| 9. Exterior Camera - 180 Degree | 0 | ea. | \$3,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 10. Exterior Camera-270 Degree | 13 | ea. | \$3,500 | \$45,500 | \$2,275 | \$2,389 | \$50,164 | \$3,511 | \$9,662 | \$63,337 |
| 11. Door Closer w/ Hold Open | 62 | ea. | \$1,500 | \$93,000 | \$4,650 | \$4,883 | \$102,533 | \$7,177 | \$19,748 | \$129,458 |
| 12. Motion Detectors | 20 | ea. | \$300 | \$6,000 | \$300 | \$315 | \$6,615 | \$463 | \$1,274 | \$8,352 |
| Renovations Subtotal |  |  |  | \$330,150 | \$16,508 | \$17,333 | \$363,990 | \$25,479 | \$70,105 | \$459,574 |
| Subtotal Middle School |  |  |  | \$330,150 | \$16,508 | \$17,333 | \$363,990 | \$25,479 | \$70,105 | \$459,574 |

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$\left.\begin{array}{ccccccccc} & & & & & & \\ \text { Unit Quabtotal }\end{array}\right]$

| Richmond Library |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |
| 1. New Card Readers | 0 | ea. | \$1,500 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2. New Door Contacts | 0 | ea. | \$300 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 3. New Request to Exit | 0 | ea. | \$300 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 4. New Electronic Strike | 0 | ea. | \$250 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 5. Interior Door - Wireless Lockset | 0 | ea. | \$1,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 6. Interior Door - Lockset Module | 0 | ea. | \$1,500 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 7. Interior Camera - Fixed | 2 | ea. | \$1,500 | \$3,000 | \$150 | \$158 | \$3,308 | \$232 | \$637 | \$4,176 |
| 8. Interior Camera-270 Degree | 2 | ea. | \$2,000 | \$4,000 | \$200 | \$210 | \$4,410 | \$309 | \$849 | \$5,568 |
| 9. Exterior Camera - 180 Degree | 2 | ea. | \$3,000 | \$6,000 | \$300 | \$315 | \$6,615 | \$463 | \$1,274 | \$8,352 |
| 10. Exterior Camera - 270 Degree | 2 | ea. | \$3,500 | \$7,000 | \$350 | \$368 | \$7,718 | \$540 | \$1,486 | \$9,744 |
| 11. Door Closer w/ Hold Open | 0 | ea. | \$1,500 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 12. Motion Detectors | 0 | ea. | \$300 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Renovations Subtotal |  |  |  | \$20,000 | \$1,000 | \$1,050 | \$22,050 | \$1,544 | \$4,247 | \$27,840 |
| Subtotal Richmond Library |  |  |  | \$20,000 | \$1,000 | \$1,050 | \$22,050 | \$1,544 | \$4,247 | \$27,840 |
|  |  |  |  |  |  |  |  |  |  |  |
| Robert Morris |  |  |  |  |  |  |  |  |  |  |
| Renovations |  |  |  |  |  |  |  |  |  |  |
| 1. New Card Readers | 0 | ea. | \$1,500 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2. New Door Contacts | 0 | ea. | \$300 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 3. New Request to Exit | 0 | ea. | \$300 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 4. New Electronic Strike | 0 | ea. | \$250 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 5. Interior Door - Wireless Lockset | 34 | ea. | \$1,000 | \$34,000 | \$1,700 | \$1,785 | \$37,485 | \$2,624 | \$7,220 | \$47,329 |
| 6. Interior Door - Lockset Module | 2 | ea. | \$1,500 | \$3,000 | \$150 | \$158 | \$3,308 | \$232 | \$637 | \$4,176 |
| 7. Interior Camera - Fixed | 10 | ea. | \$1,500 | \$15,000 | \$750 | \$788 | \$16,538 | \$1,158 | \$3,185 | \$20,880 |
| 8. Interior Camera-270 Degree | 13 | ea. | \$2,000 | \$26,000 | \$1,300 | \$1,365 | \$28,665 | \$2,007 | \$5,521 | \$36,192 |
| 9. Exterior Camera - 180 Degree | 5 | ea. | \$3,000 | \$15,000 | \$750 | \$788 | \$16,538 | \$1,158 | \$3,185 | \$20,880 |
| 10. Exterior Camera-270 Degree | 4 | ea. | \$3,500 | \$14,000 | \$700 | \$735 | \$15,435 | \$1,080 | \$2,973 | \$19,488 |
| 11. Door Closer w/ Hold Open | 34 | ea. | \$1,500 | \$51,000 | \$2,550 | \$2,678 | \$56,228 | \$3,936 | \$10,829 | \$70,993 |
| 12. Motion Detectors | 30 | ea. | \$300 | \$9,000 | \$450 | \$473 | \$9,923 | \$695 | \$1,911 | \$12,528 |
| Renovations Subtotal |  |  |  | \$167,000 | \$8,350 | \$8,768 | \$184,118 | \$12,888 | \$35,461 | \$232,467 |
| Subtotal Robert Morris |  |  |  | \$167,000 | \$8,350 | \$8,768 | \$184,118 | \$12,888 | \$35,461 | \$232,467 |

