

ESTIMATE DETAIL



PROJECT NAME

| | DESCRIPTION | QTY | UNIT | RATE | TOTAL (\$) |
|-----------|--|-------|------|-------------------|-----------------|
| 21 | Division 21 - FIRE PROTECTION | | | | |
| 1 | <u>Accessibility</u> | | | | |
| 2 | <u>Selective Demolition</u> | | | | |
| 3 | <u>Fire suppression</u> | | | | |
| 4 | Sprinkler removal | 7 | EA | 75.00 | 525 |
| 5 | sprinkler pipe removal | 67 | LF | 25.00 | 1,675 |
| 6 | | | | | |
| 7 | <u>New Work</u> | | | | |
| 8 | Fire Suppression | | | | |
| 9 | <u>Sprinkler Pipe & sprinkler drop</u> | | | | |
| 10 | Sprinkler pipe connect to existing | 3 | EA | 531.00 | 1,593 |
| 11 | Sprinkler mains 4" | 132 | LF | 85.00 | 11,220 |
| 12 | Sprinkler branch | 350 | LF | 35.00 | 12,250 |
| 13 | <u>Sprinkler Heads</u> | | | | |
| 14 | Pendant sprinkler head concealed | 43 | EA | 227.62 | 9,788 |
| 15 | Upright sprinkler | 7 | EA | 193.12 | 1,352 |
| 16 | DRY pendent sprinkler | 1 | EA | 227.62 | 228 |
| 17 | <u>Miscellaneous</u> | | | | |
| 18 | Sleeves & fire stopping, vibration isolation / seismic restraints, hydraulic calculation | 1 | LS | 3,643.01 | 3,643 |
| 19 | <u>Critical Repairs</u> | | | | |
| 20 | <u>Sprinkler system</u> | | | | |
| 21 | Sprinkler pipe connect to existing -4" | 15 | EA | 331.00 | 4,965 |
| 22 | FCVA: floor control valve assembly | 2 | EA | 5,158.14 | 10,316 |
| 23 | Sprinkler mains 4" | 661 | LF | 85.00 | 56,185 |
| 24 | Sprinkler mains 2-1/2" | 408 | LF | 65.00 | 26,520 |
| 25 | Sprinkler mains 2" | 858 | LF | 55.00 | 47,190 |
| 26 | Sprinkler branch | 2,453 | LF | 35.00 | 85,855 |
| 27 | <u>Stand Pipe system</u> | | | | |
| 28 | Stand Pipe mains | 136 | LF | 111.29 | 15,135 |
| 29 | NEW Fire Hose Valve (FHV) | 1 | EA | 1,125.75 | 1,126 |
| 30 | Relocation Fire Hose Valve (FHV) | 1 | EA | 552.00 | 552 |
| 31 | <u>Sprinkler Heads</u> | | | | |
| 32 | Pendant sprinkler head concealed | 332 | EA | 227.62 | 75,570 |
| 33 | Upright sprinkler | 25 | EA | 193.12 | 4,828 |
| 34 | Side wall sprinkler | 2 | EA | 206.18 | 412 |
| 35 | Heads above clouds | 25 | EA | 227.62 | 5,691 |
| 36 | <u>Miscellaneous</u> | | | | |
| 37 | Sleeves & fire stopping, vibration isolation / seismic restraints, hydraulic calculation | 1 | LS | 26,292.35 | 26,292 |
| 38 | <u>Additional Program</u> | | | | |
| 39 | Fire Suppression | | | | |
| 40 | <u>Sprinkler Pipe</u> | | | | |
| 41 | Sprinkler branch | 111 | LF | 35.00 | 3,885 |
| 42 | <u>Sprinkler Heads</u> | | | | |
| 43 | Pendant sprinkler head concealed | 13 | EA | 227.62 | 2,959 |
| 44 | <u>Miscellaneous</u> | | | | |
| 45 | Sleeves & fire stopping, vibration isolation / seismic restraints, hydraulic calculation | 1 | LS | 684.40 | 684 |
| | | | | TOTAL COST | 4,10,439 |