

Acoustics Update

DETAIL ELEMENTS - ACOUSTICS UPDATE

| Element | Quantity | Unit | Unit Cost | Total |
|---|----------|------|------------------------------------|-----------|
| Acoustics Update - Sanctuary Basement, Parsonage, and Education | | | | |
| Sanctuary Basement | | | | |
| Premium to Replace Damaged Structural Elements "In Kind" | 1 | ls | \$10,000.00 | \$10,000 |
| Premium for Unforeseen conditions that relate to Water Damaged Finishes | 1 | ls | \$10,000.00 | \$10,000 |
| Remove Existing Slab | 2,804 | sf | \$6.50 | \$18,226 |
| Excavate Basement 2' Deep - Backfill, Haul-Off, etc. as needed | 312 | cy | \$75.00 | \$23,367 |
| New, Flat Concrete Slab - 4" T, 15 mil Vapor Barrier, 4" Stone Fill | 2,804 | sf | \$15.00 | \$42,060 |
| Underpinning of existing exterior Foundations - Stem Ledge, Flowable Fill | 225 | lf | \$125.00 | \$28,125 |
| Stem Walls for new interior walls | 505 | lf | \$65.00 | \$32,825 |
| New Columns - Shore Existing Structure - allow | 1 | ls | \$20,000.00 | \$20,000 |
| New Columns - New Footings Excavated and Poured - allow | 30 | ea | \$500.00 | \$15,000 |
| New Columns - Installed - allow | 30 | ea | \$3,000.00 | \$90,000 |
| New Columns - Existing Timber Beams Reinforced - Thru-Bolt Channels | 60 | ea | \$250.00 | \$15,000 |
| Existing Floor of Sanctuary to be Patched and Repaired | | | <i>Included in 50% CD estimate</i> | |
| Existing Basement Walls to be demolished | | | <i>Included in 50% CD estimate</i> | |
| Single Layer Gypsum Board for Patch Ceilings - allow | 400 | sf | \$3.50 | \$1,400 |
| Secondary Acoustical Iso Ceiling - 3x 5/8" GYP, Hangers, 6" SAFB Insul | 2,804 | sf | \$18.25 | \$51,173 |
| Acoustic Panels and Acoustic Premium Items | | | | |
| Rear/Entry Wall - 2" Thick Panels, Novawall Stretched Fabric | 500 | sf | \$23.21 | \$11,603 |
| Ceiling - 2" Thick Panels, Novawall Stretched Fabric | 400 | sf | \$23.21 | \$9,283 |
| Ceiling - 1" Thick Panels, Novawall Stretched Fabric | 900 | sf | \$17.35 | \$15,612 |
| Side Walls - 2" Thick Panels, Novawall Stretched Fabric | 200 | sf | \$23.21 | \$4,641 |
| Platform Wall - 2" Thick Panels, Novawall Stretched Fabric | 250 | sf | \$23.21 | \$5,802 |
| Platform Wall - Velour Curtain | 250 | sf | \$16.50 | \$4,125 |
| Basement Flanking Platform - Velour Curtain | 120 | sf | \$16.50 | \$1,980 |
| Acoustical Reflectors to Platform - 3'x3', Acrylic 1/2" | 20 | ea | \$297.00 | \$5,940 |
| Existing Pew Cushions - Refurbish w/ Absorptive Fabric Wrapped | 20 | ea | \$275.00 | \$5,500 |
| Platform | | | | |
| Concrete Topping to Raised Platform - 2.5" T | 613 | sf | \$5.45 | \$3,341 |
| New Platform - Wood Studs, 2x 1/2" Ply, 1x 3/8" Homasote, Fel | 613 | sf | \$21.68 | \$13,290 |
| Sister Existing Joists to support new concrete topping to above platform | 613 | sf | \$12.00 | \$7,356 |
| New Raised Platform - Oak Hardwood, Stained | 613 | sf | \$40.00 | \$24,520 |
| Acoustic Studio Rooms | | | | |
| Doors | | | | |
| Including Door Panels, Frames, Hardware, etc. | | | | |
| F - 3'-0" x 7' - HM, PNT, HM, PNT - New Sound Rated Door/Frame | 11 | ea | \$2,500.00 | \$27,500 |
| Door Premiums | | | | |
| Acoustical Gasketing | 11 | ea | \$500.00 | \$5,500 |
| STC Rated Premiums | | | | |
| STC Rating 55 | 11 | ea | \$1,250.00 | \$13,750 |
| Paint finish, per leaf | 11 | ea | \$55.00 | \$605 |
| Partitions | | | | |
| G3-2 - MS 2 1/2", 3x 5/8" Type X, Sound Batts | 985 | sf | \$10.54 | \$10,375 |
| G3-3 - MS 3 5/8", 3x 5/8" Type X, Sound Batts | 5,580 | sf | \$11.37 | \$63,449 |
| Ceiling Finishes | | | | |
| GWB-2/PNT-5 | 1,426 | sf | \$18.25 | \$26,025 |
| Acoustic Panels and Acoustic Premium Items | | | | |
| Walls | | | | |
| AWP-1b - Sound Absorbing Panel - Kinetics, High Impact Hardside (2-1/8") | 657 | sf | \$30.00 | \$19,695 |
| AWP-2 - Sound Absorber/Diffuser Panel - Kinetics, Tuned Absorber/Diffuser | 657 | sf | \$34.00 | \$22,321 |
| Ceilings | | | | |
| AWP-1a - Sound Absorbing Panel - Kinetics, High Impact Hardside (1-1/8") | 143 | sf | \$25.00 | \$3,565 |
| AWP-2 - Sound Absorber/Diffuser Panel - Kinetics, Tuned Absorber/Diffuser | 143 | sf | \$35.46 | \$5,057 |
| Construction Cost Mark-Ups | 18.15% | % | \$668,009.14 | \$121,275 |

Total - Acoustics Update - Sanctuary Basement, Parsonage, and Education

\$789,284