



Elementary School Alterations
#1821 Probable Costs

2/6/2018
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1 <u>Floors</u>	\$200,000.00
Remove all existing asbestos composition tile and replace with vinyl composition tile throughout the building and replace carpet in selective areas.	
2 <u>Ceilings</u>	\$676,000.00
Install new 2 x 4 suspended accoustical tile ceilings in classrooms and other areas of original contact applied accoustical tile spline ceilings and selective areas of existing suspended accoustical ceilings. Replace all existing light fixtures in areas of work with LED type light fixtures.	
3 <u>Electrical Upgrades</u>	\$1,025,000.00
Update service (60,000 s.f.), distribution system, new classroom outlets (3 cct. ea.), and new LED Lighting, occupancy sensors, and dimmable switches. Building addition (10x10) for new electrical service.	
(option) Add emergency generator, associated distribution system, larger addition (10x20), and eliminate emergency battery lighting in base upgrade cost above. (\$160,000)	
4 <u>Fire Alarm Upgrade</u>	\$143,000.00
Replace existing fire alarm with new compliant voice alarm with speakers.	
5 <u>North Wing - Boiler Replacement</u>	\$112,000.00
Replace one existing boiler with two high efficiency Lockinvar Kight boilers each sized at 2/3 capacity, including associated piping and electrical work.	
6 <u>Heat Piping Replacement and Classroom Unit Vents</u>	\$966,000.00
Throughout the entire school, replace or abandon in place and install new above ground boiler piping, pipe insualtion, associated architectural work.	
Remove existing Classroom unit vents, install new with DDC controls. (\$366,000)	

Total Construction Cost Estimate: \$3,122,000.00

Since we have no control over the contractor prices, competitive bidding, or othermarket conditions, our opinion of the probable construction cost is made on the basis of experience and represents our best judgment as a design professional. We cannot guarantee that the final construction cost will not vary from this opinion. Our opinion of probable construction cost does not include fees for design, stakeout, owner costs for prep / ongoing operations or



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Ida Middle School Alterations #1822 Probable Costs

2/6/2018

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|---|---------------------|
| 1 <u>Boiler Room #1 (7th and 8th Grade Wing)</u> | \$190,000.00 |
| Remove existing Boiler - Provide Two Lochnivar Crest Boilers -
Provide two new building pumps - Provide two new boiler pumps (one each boiler) - New flues and combustion air ducts - Provide new concrete pad -
Include electrical, TSA, Warranty, General conditions, Balancing & contingency | |
| 2 <u>Boiler Room #2 (5th and 6th Grade Wing)</u> | \$153,000.00 |
| Remove existing Boiler - Provide Two Lochnivar Crest Boilers -
Provide two new building pumps - Provide two new boiler pumps (one each boiler) - New flues and combustion air ducts - Provide new concrete pad -
Include electrical, TSA, Warranty, General conditions, Balancing & contingency
Note: Changing out Pneumatic controls to Direct Digital Controls (DDC) would be an additional \$2.50 - 3.00 / S.F. | |
| 3 <u>Ceilings and Floors - (5th / 6th Grade Wing)</u> | \$310,000.00 |
| Replace existing VCT floor tile in class rooms and corridor. Replace suspended ceilings and new LED light fixtures in class rooms.
Floors - \$82,760.00
Ceilings - \$227,240.00 | |
| 4 <u>Ceilings and Floors (7th / 8th Grade Wing)</u> | \$277,000.00 |
| Replace existing asbetos floor w/ VCT in classrooms - Install new suspended sloped ceiling under beams with new LED fixtures. Replace suspended ceilings with new LED fixtures in Computer rooms. Install new suspended ceiling under beams in library.
Floors - \$63,815.00
Ceilings - \$213,185.00 | |
| 5 <u>Heat Piping Replacement</u> | \$445,000.00 |
| Throughout the area of the original building, replace or abandon in place and install new in place or above ground boiler piping, pipe insulation, and associated work. Does not include controls or unit ventilators. | |

Total all Projects: \$1,375,000.00

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Ida High School Alterations
#1823 Probable Costs

3/12/2018
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1 <u>Boiler Room (Mechanical)</u>	\$178,000.00
Remove existing Kewanee Boiler - Provide Two Lochnivar Crest Boilers - Provide two new building pumps - Provide two new boiler pumps (one each boiler) - New flues and combustion air ducts - Provide new concrete pad - Include electrical, TSA, Warranty, General conditions, Balancing & contingency	
2 <u>Chemistry #114</u>	\$165,000.00
Replace cabinets & countertops (6 Student, 1 Instructor) - Update plumbing sinks/fixtures (Sanitary U.G. @ ea. fixture - Ceiling to remain this room only - Replace T8 light fixtures w/ LED, replace closet fixture w/ LED - Replace hood/vent and cabinet - Replace asbestos floor tile - Replace door & frame to courtyard - New vinyl base - Paint room - New wall cabinets - Replace sink/counter/cabinets in workspace - Closet shelves to remain - Replace chalk boards - Unit vents to remain - Power @ instructor station (Chase under floor)	
3 <u>Freshman Science #305</u>	\$93,000.00
Same as Chemistry #114, except for: Cabinet/counter style different, replace w/ fixtures similar to #114 - Replace (1) Instructor & (6) wall sinks - New projector screen / Or interactive (NO Technology, just rough-ins - Computer station @ Instructor w/ U.G. chase - Replace 2x4 suspended ceiling with LED lights.	
4 <u>Biology #116</u>	\$147,000.00
Same as Freshman Science #305	
5 <u>Classroom Ceilings</u>	\$695,000.00
Replace existing suspended accoustical ceiling grid and tile in all classrooms with new suspended accoustical ceiling grid and tile and new LED light fixtures.	
6 <u>Exterior Window and Insulated Panels</u>	\$365,000.00
Replace existing aluminum framing, operable windows, aggregate panels below and cement asbestos panels above with new aluminum glazing units with insulated FRP panels above and below similar to existing. No mechanical, electrical, or structural work included.	
Total Construction Cost Estimate:	\$1,465,000.00

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