

Monument Mountain High School

1. Pre-cast curbing rather than granite:

Originally proposed scope of work included over 3,800 lineal feet of granite curbs along the bituminous paved areas.

The District has decided to use pre-cast concrete in lieu of granite.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$44,100.

2. Purchase playground from FF&E budget and reduce area:

Originally proposed scope of work included a playground structure and over 1,100 square feet of play surface located directly outside of the early childhood classroom.

The District has decided to purchase this structure through FF&E, not through the general contractor and to reduce the play surface area to 850 square feet. The district feels that this reduced area will still be sufficient area to satisfy this program.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$42,500.

3. Reduce the drop off loop modifications at the existing area:

Originally proposed scope of work included significant reconfiguration to the existing bus/vehicle circle area at the main entrance to create a larger green area.

The District has determined that a reconfiguration of this area is not necessary and can reduce the overall sitework required.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$54,600.

4. Utilize skylights instead of clerestory windows and reduce the overall quantity:

Originally proposed scope of work included the addition of several clerestory roof monitors to allow natural light to infiltrate the interior circulation spaces within the building.

The District has determined that the use of strategically placed skylights will achieve the same benefit of maximizing the natural light.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$209,100.

5. Eliminate clerestory window introduction at the gymnasium:

Originally proposed scope of work included the introduction of new clerestory windows at the existing / high mansard Gymnasium roof to allow natural light to infiltrate the gymnasium.

The District has determined that the clerestory windows are not required, as they do not significantly improve the project educational program.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$116,300.

6. Auditorium seating to remain and be cleaned rather than replaced:

Originally proposed scope of work included the purchase and installation of 600 new auditorium seats.

The District has determined the existing auditorium seats to be serviceable, and recommends cleaning and reusing the existing seats.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$183,800.

7. Remove the conservatory structure adjacent to the Vo-Ag classroom:

Originally proposed scope of work included a new conservatory addition adjacent to the Vo-Ag classroom.

The District has determined that the existing & new greenhouses will adequately serve the schools program needs.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$186,900.

8. Reduce the quantities CCTV cameras inside and outside:

Originally proposed scope of work included over 80 CCTV cameras.

The District has determined that a 12% reduction in CCTV cameras can still achieve the level of security required.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$21,900.

9. Simplify the HVAC System design and controls:

Originally proposed scope of work included a hot water heating system with split air conditioning systems utilizing energy recovery units (ERU's), roof top units (RTU's) & VAV fan boxes.

The District has determined that the HVAC System design and controls can be redesigned to conservatively reduce the overall costs of these systems by 10% without compromising the interior environment or overall efficiencies.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$523,800.

10. Eliminate the new granite seating at track area and retain bleachers:

Originally proposed scope of work included over 1,000 lineal feet of granite tiered seats along the athletic fields.

The District has decided to eliminate the new bleachers and utilize the existing bleachers.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$176,800.

11. Great Barrington to eliminate permitting fees:

The original project scope included a budget line item for permit fees.

The District has determined through negotiations with the Town of Great Barrington that the project building permit fees will be waived.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$300,000.

12. Reduce Owner's Contingency from \$1,500,000 to \$500,000:

The original project scope included a budget line item for owner's contingency in the amount of \$1,500,000.

The District has determined that they will reduce the owner's contingency, and any future scope changes above the owner's contingency value can be purchased through future capital improvements. Note that it is intended that the construction contingency is to remain the same.

The total value for this is \$1,000,000.

13. Eliminate purchase of specialty equipment from the project:

The original project scope included a budget for the acquisition of specialized equipment.

The District has determined that they will reuse some specialized equipment, and anything else can be purchased through future capital improvements.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$100,000.

14. Schedule reduction through use of portable classrooms:

Originally phased scope of work was planned to be completed utilizing swing space created within the school building upon completion of the addition.

The District has determined that through the use of 10 portable classrooms, the construction schedule can leverage more swing space resulting in more areas available for renovation work. Through this sequenced planning and phasing of the work, the current project schedule can be reduced by approximately 14 months.

The total value for this scope of work inclusive of construction trade costs, associated mark-ups, design fees, and contingencies is estimated to be approximately \$1,296,500.

In total, these items listed above have an estimated net cost savings of \$4,256,300. The total savings achieved is \$4,426,000, \$4,256,300 directly achieved from those items listed above and remainder being gained through the offset in the construction contingency which automatically reduces when those are modified.