

# BARTLETT YANCEY HIGH SCHOOL FACILITIES STUDY

## Summary of Probable Construction Costs – October 17, 2018

Description	Quantity	Unit	Unit Cost	Total Cost
• Demolition Halls 1, 2 and 3 (inc. Asbestos Removal)		Lump Sum		\$250,000
• New Two (2) Story Building <ul style="list-style-type: none"> <li>○ Staff Parking and Parent Drop Off</li> <li>○ Improve Road from Vocational Building to New Addition</li> <li>○ Digital Sign</li> </ul>	118,561	SF	224	\$26,557,664
• Enclosed Corridors <ul style="list-style-type: none"> <li>○ Existing Dining to New Building</li> <li>○ New Building to Vocational</li> <li>○ Vocational to Vocational Addition</li> <li>○ Vocational Addition to East Wing</li> </ul>	6,194	SF	137	\$848,578
• Canopies <ul style="list-style-type: none"> <li>○ Bus Parking to New Gym</li> <li>○ East Wing to Civic Center</li> </ul>	5,600	SF	55	\$308,000
• Temporary Used Mobile Units for Construction Phasing (12 month lease) <ul style="list-style-type: none"> <li>○ 2 – 12 classroom modular units and 1 – 8 classroom modular unit</li> </ul>		Lump Sum		\$882,992
• Security Improvements <ul style="list-style-type: none"> <li>○ CCTV, access control, alarm notification and unified communications</li> <li>○ Chain Link Fencing and Gates</li> <li>○ Decorative Fencing and Gates</li> <li>○ Drive Gate</li> <li>○ Paved Walkway to PCC</li> </ul>	150,650	SF	3.85	\$580,002
	3,500	LF	26	\$91,000
	500	LF	44	\$22,000
	2	EA	5,500	\$11,000
	266	SY	38	\$10,108
• Existing Kitchen/Dining Area <ul style="list-style-type: none"> <li>○ Art, F/CE, Dance, Health Classrooms</li> <li>○ General Storage, Book Storage, etc.</li> </ul>	8,172	SF	137.5	\$1,123,650
<b>Total Construction Costs</b>				<b>\$30,684,994</b>
• Related Project Costs <ul style="list-style-type: none"> <li>○ A/E Fees, Surveying, Geotechnical, Construction Testing, Special Inspections, Asbestos/Lead Testing, Environmental, Subsurface Utility Exploration, etc.</li> </ul>				\$2,455,000
• Construction Contingency				\$2,147,950
<b>Total Project Costs</b>				<b>\$35,287,944</b>

## Cost Estimate Information

1. Inflation: Currently construction prices are rising due to a strengthening economy, increased market demand and labor shortage within the industry.

2. Renovations costs for the Kitchen/Dining: 8,172 SF is as follows:

- Kitchen/Dining: 8,172 SF  
The existing mechanical systems consist of two ground mounted Dx packaged units with gas heat. A new variable volume Dx packaged ground mounted heat pump units shall be added to heat and cool the renovated spaces. New variable volume terminal boxes with electric reheat shall be utilized for zoning of the renovated spaces. This building is getting completely renovated and all new ductwork will be required. New controls shall be added to this facility. Estimated Cost \$30/SF

3. Security Improvements

Providing a secure environmental for students at Bartlett Yancey High School was a primary emphasis of the study. The final design incorporates the following:

- Creates a secure public entry to the school.
- Connects the individual buildings with enclosed corridors.
- Incorporates electronic technologies such as closed circuit television (CCTV), access control, alarm notification and unified communications.
- Decorative fencing in select areas.
- Drive gates

Access control and alarm systems help to deter events from occurring but if they do, they provide audible and visual notification to the administrator. CCTV helps to quickly identify the location and severity of the situation. Unified communications allow the administrator to effectively communicate visually and audibly with emergency responders, students, staff and parents.