Gloucester County Public Schools

SCHOOL BOARD PRESENTATION
PROJECT STATUS UPDATE
MARCH 12, 2013
Site Preparation Bid Status
- Bids Received, Letter of Intent to Award
- Contract Pending

Building Plans Status
- 75% complete Construction Documents by end of month
- 90% complete Civil Plans
- Finishes Design and Review
- 100% Bid documents due by June 12, 2013
<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
<th>Running Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Cost (App. 116,800 SF @ $175.33/SF for Building and General On-Site Costs)</td>
<td>$20,479,321</td>
<td>$20,479,321</td>
</tr>
<tr>
<td>Construction Contingency (%)</td>
<td>$841,924</td>
<td>$21,321,245</td>
</tr>
<tr>
<td>Professional Design Services (Basic - Incl. Architectural, Civil, Structural, Plumbing, Mechanical, Electrical, Food Service, Acoustical, Cost Estimating)</td>
<td>$1,475,000</td>
<td>$22,796,245</td>
</tr>
<tr>
<td>Soil Borings, Topographic Surveys, Boundary/Plat, Off-site Road Surveys</td>
<td>$76,880</td>
<td>$22,873,125</td>
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<tr>
<td>Code Required Special Inspections and Testing during Construction for Building and Site</td>
<td>$128,557</td>
<td>$23,001,682</td>
</tr>
<tr>
<td>Wetlands Flagging &amp; Permitting, Env. Studies</td>
<td>$26,290</td>
<td>$23,027,972</td>
</tr>
<tr>
<td>Early Release Site Preparation Design Package</td>
<td>$32,760</td>
<td>$23,060,732</td>
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<tr>
<td>Educational Programming</td>
<td>$40,000</td>
<td>$23,100,732</td>
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<tr>
<td>Commissioning of Mechanical Systems</td>
<td>$38,500</td>
<td>$23,139,232</td>
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<tr>
<td>Site Master Plan Study</td>
<td>$30,960</td>
<td>$23,170,192</td>
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<tr>
<td>Furniture Design &amp; Bid Package</td>
<td>$25,000</td>
<td>$23,195,192</td>
</tr>
<tr>
<td>Structural/Comparison Studies</td>
<td>$35,000</td>
<td>$23,230,192</td>
</tr>
<tr>
<td>Off-site Road Work (Design &amp; Construction for TC Walker Rd Widening, Turnlanes, Rt. 17 Improve/Turn Lanes &amp; VDOT Revenue sharing work) Allowance.</td>
<td>$2,000,000</td>
<td>$25,230,192</td>
</tr>
<tr>
<td>Off-site Water, Sewer &amp; Pump Station Work (Design and Construction)</td>
<td>$181,765</td>
<td>$25,411,957</td>
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<tr>
<td>Traffic Study</td>
<td>$43,670</td>
<td>$25,455,627</td>
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<tr>
<td>Site Preparation Bid (not incl. in constr. Abv.)</td>
<td>$822,763</td>
<td>$26,278,390</td>
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<td>Wetlands Mitigation Fee</td>
<td>$108,300</td>
<td>$26,386,690</td>
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<tr>
<td>Misc. (printing, advertising, etc.)</td>
<td>$30,000</td>
<td>$26,416,690</td>
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<tr>
<td>Total</td>
<td>$26,416,690</td>
<td>$26,416,690</td>
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<tr>
<td>VDOT Revenue Sharing</td>
<td>($1,000,000)</td>
<td>$25,416,690</td>
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<tr>
<td>Add. Alt. - Emergency Shelter Requirements</td>
<td>$98,220</td>
<td>$26,514,910</td>
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<tr>
<td>Add. Alt. - Terrazzo Flooring</td>
<td>$478,680</td>
<td>$26,993,570</td>
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<tr>
<td>Add. Alt. - Baseball Field</td>
<td>$154,500</td>
<td>$26,648,410</td>
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<tr>
<td>Add. Alt. - Practice Field</td>
<td>$16,800</td>
<td>$26,915,210</td>
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<tr>
<td>Add. Alt. - Gravel Parking Area</td>
<td>$25,000</td>
<td>$26,940,210</td>
</tr>
<tr>
<td>Furniture, Fixtures, Equipment &amp; Technology</td>
<td>$1,964,000</td>
<td>$28,658,410</td>
</tr>
</tbody>
</table>
Recent School Security Workshop
Virginia Chapter of CEFPI

• Nothing you can do to prevent the “lone nut”.
• School is still the safest place to be.
• Use common sense judgment and not extremism.
• Nobody thought we should sacrifice quality educational environments, turn schools into prisons.
• Secure perimeter.
• Control single primary entrance & access in general.
Schools, universities and other educational facilities should be one of the safest places in our society. For the most part they are, however there are some very high profile incidents where our schools have come under attack. It is impossible to predict and prevent every type of attack, because most schools are designed from the standpoint of learning and not security. However, there are design and environmental factors which can enhance the level of security at schools without imposing a fortress like atmosphere.

We offer CPTED School Security Assessments and training which will help maintain a good environment for learning while enhancing security on school campuses. Some of the key features of CPTED School Security are:

1. Openness and Visibility
2. Activity Support
3. Proper Lighting
4. Strategic Placement of School Office
5. Video and Audio Surveillance
6. Properly Trained Staff
What Are We Doing?

Site Measures

- Clearly identified school boundaries (i.e. school marquis, landscaping).
- Designate/restrict visitor parking.
- Closed Circuit TV in parking lots.
- Open landscape with few places to hide (i.e. dumpster enclosures, adjacent buildings, mechanical equip.).
- Fencing – not chain-link, but wrought iron which inhibits climbing and does not block natural surveillance.
- Signage to make traffic flow clear with minimal entry points. Control secondary site access.
- Make site entry points easily observable and consider gates for control.
- Provide bollards or planters at main entry area.
Building Measures

• Establish clearly identifiable main entrance to school.
• Provide glazed windows & doors at main entry to enhance surveillance.
• Provided a door buzzer, video and intercom to enter the building.
• Provide a second set of locked doors.
• Create visitor sign-in, sign-out, and escort procedure. Reduce visitors.
• Provide panic button for receptionist and “safe room” in administration for emergency.
Building Measures – Natural Surveillance

• Use windows for natural surveillance of courtyards, hallways, school grounds and parking lots. Not possible through clerestory or high windows.
• Windows help staff monitor hallways from classrooms and vice versa. (Second highest area of fighting is in hallways)
• Provide good sight lines and transparency (subtle security).
• Eliminate 90 degree corridor turns when possible.
• Enclose areas beneath stairs or other hiding places.
• Maze entry design for toilets and hard ceilings.
1. Natural Surveillance

- Are classrooms well lit, with as much natural light as possible? Well lit classrooms are safer classrooms, and natural light does not depend on a power source.
  - Yes
  - No
  - Not applicable
  - Further study
  
Note: Do interior windows between classrooms and corridors promote visual surveillance or both directionally? Are they obstructed by posters, pictures, or other posted materials?
  - Yes
  - No
  - Not applicable
  - Further study

2. Windows in High Risk Areas

- In high risk areas, are windows and their framing and anchoring systems designed and located to resist the effects of explosive blasts, gunfire, and forced entry?
  - Yes
  - No
  - Not applicable
  - Further study

Note: Do classroom windows enhance visual surveillance of the school grounds?
  - Yes
  - No
  - Not applicable
  - Further study

- Do retractable classroom partitions fully recess into permanent, lockable niches to eliminate hiding places?
  - Yes
  - No
  - Not applicable
  - Further study

- Do retractable classroom partitions contain windows or otherwise provide visual access to adjoining spaces when they are in use?
  - Yes
  - No
  - Not applicable
  - Further study

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1099 Vermont Avenue, NW, Suite 700, Washington, DC 20005 1-855-505-0254 www.ncef.org
Prepared under contract from the U.S. Department of Education, Office of Safe and Drug-Free Schools

3.6 CLASSROOMS

Interior Spaces

Natural Access Control
- Design classrooms to be locked down quickly by faculty inside classrooms during an emergency situation.

Natural Surveillance

- Provide extensive exterior windows from classrooms to ensure surveillance of school campus.
- Provide interior windows and glassing between the classroom and the hallway to promote surveillance both in and out of the classroom.
- Design retractable partitions in fully retractable walls to eliminate hiding places.

Classrooms are a common location on school campuses for fighting, hell, and disorderly conduct. Therefore, it is important to design classrooms for easy monitoring and unobtrusive visual surveillance. Windows should include windows and glassing between hallways and classrooms to help increase surveillance. In classrooms that include retractable partitions, windows should provide for housing partitions when they are in a recessed position. When applicable, latches, built-in furniture, and storage units in classrooms should be designed so as not to obscure surveillance of the room or provide hiding places.

In an emergency situation, classrooms should be able to be locked down quickly. Whichever possible, provide special classroom security latches, which give teachers the ability to secure a door from inside the classroom without having to enter the corridor. This latch function also allows entry from the room at all times.
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