



**STATE COLLEGE AREA SCHOOL DISTRICT  
ADMINISTRATIVE OFFICES**

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To: Board of Directors  
From: Bob O'Donnell  
Re: High School Project - Downselect for Concept B  
Date: September 5, 2013

For our September 9 meeting, please bring along your completed evaluation matrices for Concept B. Pending a motion or motions, we anticipate an in-depth discussion regarding the final step of the downselect process.

As a reference, attached is the blank evaluation matrix document.

Concept B - Additions and Renovations on Westerly Parkway with enclosed hallway connecting the North and South Buildings		Board Member				
Notes	1. The sheet comes preloaded with criterion weights. Use a new sheet for each concept being evaluated. 2. Board members add their category weights as a percentage (1-100) in the green-shaded cells 3. Board members enter their scores for each criterion in the yellow-shaded cells 4. Criterion-weighted scores are the product of the criterion score and the criterion weight. 5. The category total is the sum of the criterion weighted scores 6. The category-weighted total is the product of the category total and the category weight 7. The overall score is the sum of the category-weighted totals. 8. 4-7 are calculated automatically. Board members report their overall score (1-100) for each concept.					
	Criteria	Category Weight	Criterion Score		Criterion Weighted Score	
			1=low 5=high	1=unimportant 5=extremely important		
	<b>A - Safety &amp; Security</b>					
	A1	Reduce the frequency of students, staff and faculty crossing a major thoroughfare			3.5	0.0
	A2	Reduce the number of access points to building(s)			3.7	0.0
	A3	Reduce the number of unsupervised areas			3.7	0.0
	A4	Improve traffic control - eliminate mixing of car and bus traffic			3.0	0.0
A5	Eliminate unauthorized building and campus access			3.8	0.0	
A6	Reduce foot traffic through parking lots during the school day			3.1	0.0	
A7	Reduce student access to vehicles during the school day			2.9	0.0	
A8	Minimize the response time of onsite and offsite security professionals			3.7	0.0	
A9	Provide secure outside spaces (eating, playing, learning)			3.5	0.0	
A10	Shorten sight lines in hallways			2.7	0.0	
				<b>CATEGORY TOTAL</b>	0.0	
				<b>CATEGORY WEIGHTED TOTAL</b>	0.0	
<b>B - Educational Model</b>						
B1	Increase frequency of interactions between small groups of students, teachers, and staff			3.5	0.0	
B2	Support project-based learning			3.4	0.0	
B3	Support small learning communities			3.4	0.0	
B4	Provide spaces for collaboration in small groups			3.4	0.0	
B5	Provide private areas for confidential meetings			3.2	0.0	
B6	Provide good access to health care providers who deliver on-site support services for students			3.0	0.0	
B7	Has potential to develop a dedicated Community Education Center			2.6	0.0	
B8	Provide flexibility to regroup students within the day			2.9	0.0	
B9	Provide flexibility to adapt the educational model over years			3.8	0.0	
B10	Minimize travel time across the campus and/or between the building(s) (compactness)			3.5	0.0	
B11	Potential to use educational spaces beyond the regular school day			3.6	0.0	
B12	Accommodate the Delta Program			2.9	0.0	
				<b>CATEGORY TOTAL</b>	0.0	
				<b>CATEGORY WEIGHTED TOTAL</b>	0.0	
<b>C - Site &amp; Location</b>						
C1	Improve vehicular traffic controls and accommodations for parent pick up and drop off			3.1	0.0	
C2	Provide future expansion capability for the building(s) and site (extra- and co-curricular facilities)			3.4	0.0	
C3	Accommodate student walkers and bikers			3.4	0.0	
C4	Colocate all facilities on one site (academic buildings, playing fields, etc.)			3.1	0.0	
C5	Central location			3.2	0.0	
C6	Easy access to administration and resource teams (e.g., health professionals, student assistance program, social services)			3.1	0.0	
C7	Good access to existing infrastructure (utilities, roads)			3.3	0.0	
C8	Robust storm water management			3.7	0.0	
C9	Building oriented appropriately for day-lighting			3.5	0.0	
C10	Gentle topography			2.4	0.0	
C11	Maximize site use for educational functions			3.7	0.0	
C12	Adequate space for parking			3.6	0.0	
C13	Residential and non-residential development patterns around the site are conducive to a school			3.3	0.0	
				<b>CATEGORY TOTAL</b>	0.0	
				<b>CATEGORY WEIGHTED TOTAL</b>	0.0	
<b>D - Cost</b>						
D1	Minimize total project cost (first cost)			2.9	0.0	
D2	Lower long-term operational and maintenance costs			3.9	0.0	
D3	Lower utility costs			3.8	0.0	
D4	Minimize staff needed to operate the school without compromising the educational model			3.1	0.0	
D5	Minimize transportation requirement			3.3	0.0	
D6	Maximize value (return on investment)			3.9	0.0	
				<b>CATEGORY TOTAL</b>	0.0	
				<b>CATEGORY WEIGHTED TOTAL</b>	0.0	

	Criteria	Category Weight	Criterion Score:		Criterion Weighted Score
			1=low 5=high	1=unimportant 5=extremely important	
<b>E - Constructability</b>					
E1	Minimize construction time			2.8	0.0
E2	Minimize time to occupancy			2.8	0.0
E3	Maintain access to academic opportunities, support programs, extra-curricular opportunities, etc. during construction			3.8	0.0
E4	Minimize impact on facility use in the evenings and summer months			2.2	0.0
E5	Minimize classroom disruption and relocation during construction phasing			3.5	0.0
E6	Maximize simplicity, flexibility, and ease of construction			3.1	0.0
E7	Minimize the use of temporary buildings ("modulars")			2.6	0.0
			<b>CATEGORY TOTAL</b>		0.0
			<b>CATEGORY WEIGHTED TOTAL</b>		0.0
<b>F - Sustainability &amp; Environment</b>					
F1	(Re)use of existing facilities and infrastructure			2.4	0.0
F2	Good control of temperature and air quality			4.2	0.0
F3	Good acoustics			3.8	0.0
F4	Minimize footprint of the building (minimize impervious area)			2.8	0.0
F5	Abundant, diffuse natural light in all learning spaces			3.7	0.0
F6	Environmentally sustainable (minimizes use of natural resources)			3.7	0.0
F7	Attractive facility with good aesthetics			3.3	0.0
			<b>CATEGORY TOTAL</b>		0.0
			<b>CATEGORY WEIGHTED TOTAL</b>		0.0
			<b>SUM OF CATEGORY WEIGHTS</b>		0.0
			<b>OVERALL TOTAL</b>		0.0