QUESTION 1
If legislation for 21st Century Green High-Performing Public School Facilities was enacted as part of an economic stimulus package, for which purposes would your state and its LEAs use the funds (please place an "X" under Yes or No in the table provided):

Purpose	Yes	No
Repair and Renovation	X	
Energy Efficiency Upgrades	X	
Educational Technology	X	
Charter School Repair and Modernization	X (small # of schools – included in first two items)	

Of the four purposes above, which is most appealing to your state?

Repair and Renovation and Energy Efficiency Upgrades.

QUESTION 2
Do you have a reliable estimate of your statewide backlog of needed repairs, as measured by dollars, number of schools, or percentage of schools?

Yes or No (choose one) **Yes**

If Yes, please provide source and actual numbers in your state in the table provided:

Source of Estimate 2002 Survey of Va. School Districts	Name/Agency Virginia DOE
Dollars Needed for Repairs	2002 survey identified approximately $4.0 billion in repair and renovation projects planned to occur from FY03 to FY08.
Number of Schools Needing Repairs	Estimate of 594 (30% X 1,980 schools)
Percentage of Schools Need	Estimate of 30%

Could you begin work on these projects immediately?

Depending on the locality and the scope of the specific project, many of these projects could begin immediately.

QUESTION 3
Are there reliable data available in your state to estimate what the average project funded under this program would cost?

Yes or No (choose one) **No**

If Yes, what's the average project cost?

If No, do you have a cost range you would expect most projects would fall within?

Between $2 and $15 million.

QUESTION 4
Do you have an estimate of the needs for technology upgrades across your state (e.g. bandwidth, connectivity, and computer purchases/upgrades)?
Yes or No (choose one)

Yes. **The estimates below are based upon a recent survey of school districts by VDOE, information provided by consortia participating in the Title II, Part D federal technology program, and Department of Education school count data.**

If Yes, please fill out the table provided:

Technology Needs	Needs/Cost
Bandwidth	Many school districts have inadequate access for instructional and testing purposes with bandwidth settings at T-1 to DS-3 service levels for their entire district. The goal is to provide 100 Mbs (striving for gigabit access for bandwidth intensive video applications) to each school statewide. If fiber connectivity is built out, schools would have this capacity. Purchase of bandwidth is a service and according to estimates from Virginia's main school internet provider, the cost for 100 Mbs service would likely be about $96,000 per district per year. Districts are paying, on average, $12,000 per year for their current service, so the extra cost per district would be $84,000. The total extra cost per year for Virginia's 132 school districts would be $11.1 million. If the 100Mbs were to be provided to each school, the cost would be approximately $155.5 million per year.
Connectivity	In order to access on-line testing and instructional resources, Virginia school districts have been deploying fiber to each school. The goal is to have a minimum of 100Mbs of Ethernet access (striving for gigabit access) to each school. About 60% of schools have fiber to their buildings. The approach would be to fund distribution fiber (45%), back-haul fiber (15%), Core layer 2 network build-out (20%), and virtualization/cloud computing/content distribution infrastructure (20%). Providing this build-out to approximately 1,000 schools at $68,750 per school would cost $68.75 million.
Computer Purchases and Upgrades	The Virginia Department of Education in the *Educational Technology Plan for Virginia:2003-2009* has a stated goal of achieving a one computer to one student ratio. Currently the ratio is slightly less than three to one. Most of these computers are less than five years old due to state bond monies provided for technology so upgrades would not be needed. At $750 per computer, it would cost $190.50 million to achieve a one to one ratio at the high school level, $93.37 million at the middle school level, and $331.50 million at the elementary level.

Could you begin work on these projects immediately? **Yes.**

Yes to connectivity and computers/upgrades. Computers could be purchased immediately and fiber could be laid pending request for services. Bandwidth could be purchased immediately, but is dependent upon lying of fiber to schools. This could take from three to six months depending on the amount of fiber installation needed.