

## **Executive Summary**

The construction of The Teachers Education and Technology Center (TETC) at Salisbury University has been sparked by growing need for a significant number of new Elementary and Secondary school teachers. Upon completion, the TETC hopes to provide the skills to Elementary and Secondary Education students to teach other young people. This unique 165,000 square foot project combines a multitude of types of spaces for instruction and learning. The project is being delivered using a CM at risk approach with Holder Construction Company as the General Contractor.

The following Technical Assignment evaluates the Site Logistics Plan, Local Conditions, Client Information, Project Delivery System, Staffing Plan, Project Schedule Summary, Building Systems Summary, and a Project Cost Evaluation.

Some items of interest arose during the analyses. The differences between types of cost evaluations, the local soil conditions, and project delivery method became of interest. The unique combination of spaces in the TETC made it extremely difficult to complete a D4 Cost or an R.S. Means Estimate. Both types of estimates were extremely low in comparison to the actual cost of the TETC. Secondly the project is located on the south east south of Maryland where the soils are very sandy. The use of deep Auger Cast Piles was needed to support the foundation. Finally the project was delivered with a CM at Risk approach. Holder Construction Company was brought on to the project very early and spent nearly two years in pre-construction working on design, constructability, and value analysis ideas. This also allowed special committees to be formed to help the project run smoother.