

BOARD AGENDA ITEM

July 19, 2011

SUBJECT:

Design Development Presentation and Budget for the Jackson Middle School Additions Project

BACKGROUND INFORMATION:

As part of the agreement between the Architects for this project (Craig Gaulden Davis) and the Administration, the Architect shall present the proposed design development plans and budget to the Aiken County School Board for final approval. The original project budget is \$3,425,000.00. Progress Design Development Craig Gaulden Davis will present the cost estimate to the board on July 19, 2011. The overall budget also has an 5% contingency. The administration is reviewing estimates and minimum scope changes.

ADMINISTRATIVE CONSIDERATION:

The Facilities Construction Department and other pertinent district personnel have reviewed the Architect's proposed design development plans and budgets and have determined that they are realistic for the scope of work to be performed for the Jackson Middle School Additions Project and review cost cutting opportunities.

RECOMMENDATIONS:

Approve the design development plans, specifications, and projected construction budget as presented and authorize the Architect to proceed with construction documents phase which is final drawings and specifications for this project.

ATTACHMENTS:

Design Development Submittal from Craig Gaulden Davis for the Jackson Middle School Additions and Project.

PREPARED BY:

David M. Caver
Kevin A. Chipman
bc

Jackson Middle School Addition

Design Development Submittal

Craig Gaulden & Davis, Inc.

July 19, 2011

The 17,000 square foot addition to Jackson Middle School will add a cafeteria with a handicapped accessible stage, food preparation area, and storage. The new building's main lobby and corridor will physically connect it to the existing gymnasium and the covered walkways of the original campus.

The 4,500 square foot dining hall seats approximately 300 for dining and over 600 for presentations. Light monitors above will provide natural light, while a large window to the south will provide students with views to the front lawn. The 1,000 square foot sprung wood stage will be equipped with curtains, lighting and sound to enhance presentations. The full kitchen includes two serving lines, will meet DHEC's requirements and support the school's food service needs. The materials used throughout this area will provide both beauty and durability.

The new building's exterior will update the school's appearance from Atomic Road. Architecturally, it carries forward the most recent addition through the use of brick masonry. Window openings, including light monitors above the dining hall, enhance the openness of the facility. Energy use is reduced with the addition of shading devices that prevent solar heat gain, but allow natural light in the building to reduce light fixture use.

The main lobby and concourse will provide access to both the new dining facility and the existing gymnasium. The width will allow students to congregate and serve as a lobby to functions in the gymnasium. The height of the space preserves the clear story glass into the gymnasium to allow natural light and open views to the outside. The use of masonry, glass, steel, and terrazzo flooring in this area will enhance the aesthetics and reduce maintenance.

Car stacking will be added between the addition and Atomic Road to meet SCDOT requirements. The detention pond will also be enlarged to meet DHEC's requirements. All of these additions will enhance the current facility's look and functionality. Our independent cost estimate indicates that the project is within its construction budget.

