

To: Dr. Mike Riggle
Board of Education

From: Dr. Kimberly Ptak

Date: Monday, April 29, 2019

Re: Award of Capital Project Bids Summer 2019 - Building Capital

Recommendation

It is recommended that the Board of Education award the bids as presented below for building capital projects in the amount of \$338,081.

Funding Source:		Building Capital Projects (Fund 60)				
Trade	Contractor	GBN Dance Room Remodeling	GBN Flooring	GBN SAC Furniture	GBS State and Madison Seating	Total Cost
Electric	Carey Electric	\$41,685			\$13,300	\$54,985
General Trades	Monarch Construction	\$14,550				\$14,550
Mechanical	DeKalb	\$17,000				\$17,000
Flooring	Vortex	\$33,720	\$97,075			\$130,795
Abatement	Valor	\$16,200				\$16,200
Furniture	Office Revolution				\$49,551	\$49,551
Furniture	Interior Investments			\$55,000		\$55,000
Total Cost		\$123,155	\$97,075	\$55,000	\$62,851	\$338,081
2/2019 Estimate		\$83,000	\$100,000	\$65,000	\$75,000	\$323,000
Overestimate/ Underestimate		\$40,155*	-\$2,925	-\$10,000	-\$12,149	\$15,081

*See note below re. GBN dance floor. **4.6%**

Background

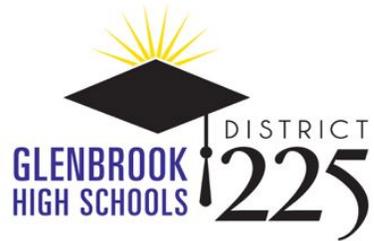
A portion of the School Operating Budget provides funding for the operational needs of each school which includes small building projects, referred to as capital projects. Through the budgeting process that started in November, the school leadership teams outlined their budgetary needs, and prioritized the capital projects to be completed this year. At the Monday, February 25, 2019 regularly scheduled board meeting, the recommended building capital projects were discussed and the Board of Education authorized Arcon Associates to create bid specifications. (February 25, 2019 memo attached.)

GBN Dance Floor

The original estimate of \$83,000 included a cost of \$15,000 to sand and refinish the dance floor. After discussion with building personnel, Facility Committee members and the Board of Education, the decision was made to get pricing on both floor refinishing and replacement. The current floor was originally 9x9 tile over suspended concrete as the room was designed as a music room. Later, a rigid, maple hardwood floor was installed over the tile and the room was repurposed for dance and other PE, athletic and club activities. The current floor does not have any deflection or cushion for the many high impact activities currently taking place. After receiving costs to both refinish and replace the floor, it is recommended that the floor be replaced with a cushioned, performance, maple floor. The current floor is laid over asbestos containing tile and abatement will need to occur prior to replacement.

	Sanding/Refinishing	Replacement	Cost Difference
Abatement - Valor	n/a	\$16,200	\$16,200
Flooring - Vortex	\$15,000	\$33,720	\$18,720
			\$34,920





To: Dr. Mike Riggle
Board of Education

From: Kris Frandson
Casey Wright
Kim Ptak

Date: Monday, February 25, 2019

Re: Recommended Capital Projects Funded by 2019-20 School Operating Budgets

Recommendation

It is recommended that the Board authorize District administration to work with Arcon Associates, the District architect, to develop bid specifications for the capital projects as presented, to be funded by the 2019-20 School Operating Budgets.

Update

The GBN dance studio renovation base bid will include sanding and refinishing the dance floor. In addition, building and district administration are reviewing options to replace the dance floor and will bid replacement as an alternate in the bidding process.

Background

A portion of the School Operating Budget provides funding for the operational needs of each school which includes small building projects, referred to as capital projects. Through the budgeting process that started in November, the school leadership teams outlined their budgetary needs, and prioritized the capital projects to be completed this year. The recommended capital projects to be funded by the 2019-20 School Operating Budgets are as follows:

Project Summary	Photo/Sketch
<p>GBN Dance Studio Renovation</p> <p>The GBN dance studio is original to the building and is used daily during all instructional blocks as well as after school for dance, poms and cheerleading programs. The area is in need of renovation which includes:</p> <ul style="list-style-type: none"> ● Removal of original spline ceiling and replacing it with a new acoustical ceiling. ● Replacing old fluorescent light fixtures with LED ● Refinishing the wood floor ● Minor HVAC modifications to tie-in with existing system ● Electrical and A/V work ● New Soffit/Break Metal at windows to address drop ceiling height <p>Cost Estimate: \$83,000 +</p> <p>(Note the \$83,000 assumes the current wood floor will be sanded and refinished at a cost of \$15,000. Building administration is reviewing options, such as a rolled vinyl performance floor or a wood sports floor. This would be an alternate in the bid. The floor needs to be tested for asbestos.)</p>	  

GBN Floor Replacement

Areas identified for the next phase of carpet/flooring replacement are identified in on the maps to the right, and described below.

Preschool Classroom

The preschool classroom existing carpeting is over 20 years old. Rather than replacing with new carpeting, tile flooring will be used to improve overall cleaning and maintenance.

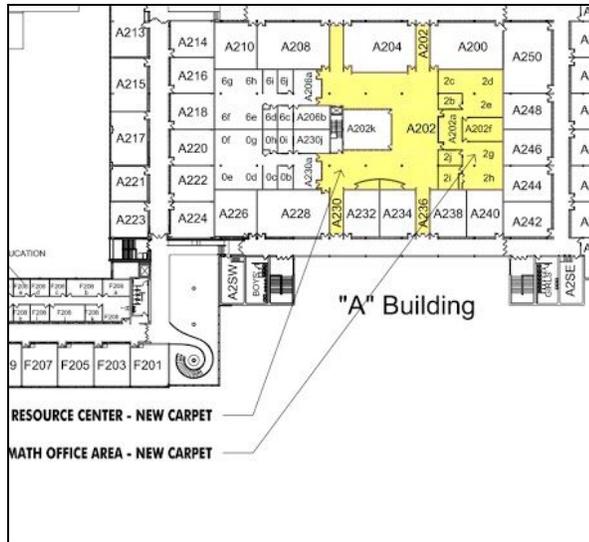
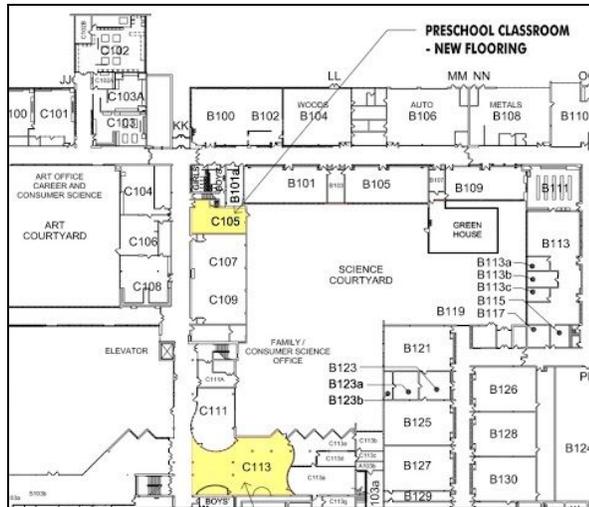
Resource Center & Math Department

The resource center on the second floor located between math, social studies and world languages as well as the math department have carpeting that was installed in 1997 which is showing significant wear and if not addressed will become a tripping hazard. It is recommended that the carpeting be replaced with new carpeting.

Student Activity Center

The student activity center is a heavily used area and the current flooring which is a mix of laminate flooring and carpet was installed as part of the referendum in 2008 and ready for replacement. Options for new flooring are currently being reviewed taking into account durability, maintenance and overall longevity given the high usage of the space.

Cost Estimate: \$100,000



Examples of Areas to be Replaced:



GBN Student Activity Furniture Replacement

The Student Activity Center is a gathering place for students and clubs throughout the school day, evenings and weekends. The current furniture is comprised of soft seating, high top tables, stools, conference tables and chairs and seats approximately 100 people. The furniture is eleven years old and has experienced a significant amount of wear and tear over the last decade. The fabric has been professionally cleaned over the years, but the staining is such that it now needs to be replaced. Fabric options have improved significantly over the years and new fabric will be selected that is stain resistant and easy to clean. The conference tables in the Green and Gold Conference room are heavy and difficult to move and reconfigure. New tables selected will be lighter and more agile to better align with the overall space vision and allow for flexible spaces and configurations. The existing conference room chairs will be repurposed to the peer group rooms and the tables will be used in the Sci-Tech classroom.

Cost Estimate: \$65,000



GBS State and Madison Student Furniture Replacement

The corridors connecting the auditorium, cafeterias and student activity center, affectionately referred to as “State and Madison,” is a central hub of the school and an area students enjoy for retreating, recharging, and (re)connecting with friends during unscheduled time. The corridor has ample space allowing students to sit on existing metal benches as well as on the floor. The proposed seating would provide more comfortable, ergonomic seating options; diversify the seating to meet the aforementioned three uses; and improve the aesthetic feel of this unique, student-centered space.

Cost Estimate: \$75,000



ARCON GBS Corridor Accent Walls OPTION 1
Glenbrook High School District 225
Project No. 17130 January 25, 2019



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Le Lena A

Wood

Robbins' Performing Arts Flooring System



STRONG
CONTINUOUS
SUBFLOOR!

FLOOR TYPE:
Sprung Floor: Floating

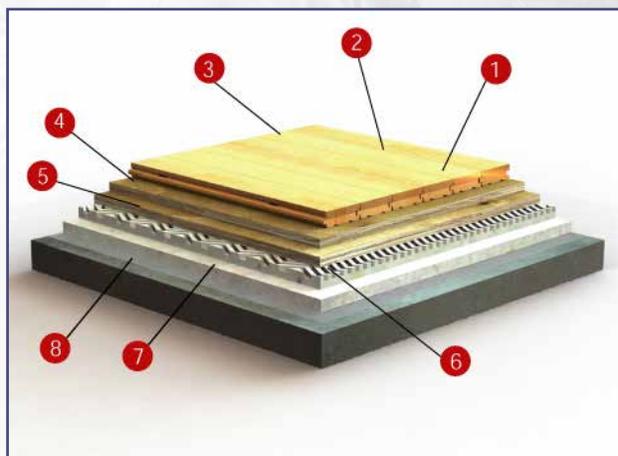
FLOOR SURFACE:
Northern Hard Maple Flooring

FLOOR SYSTEM THICKNESS:
2 1/16" (68mm)

APPLICATIONS:
Classical, Ballet, Multi-Functional, Modern,
Contemporary, Hip Hop, Swing, Belly Dancing,
Percussive (Tap, Irish, Flamenco)

FLOOR BUILD-UP

1. Hardwood floor polyurethane finish
2. Hardwood floor polyurethane seal
3. 25/32" x 1 1/2" specially profiled hardwood maple flooring
4. Semi-Flexible Upper Load Distribution Sheathing Layer
5. Semi-Flexible Lower Load Distribution Sheathing Layer
6. Dual Density, Recycled, Open Celled Resilient Polyurethane Pad layer
7. Recycled, Open Celled Resilient Polyurethane Pad layer
8. 6 mil Polyethylene vapor retarder



FEATURES

- **Durable Performance Surface:** *solid hardwood surface that is recoatable and refinishable.*
 - **Comfort & Safety:** *thick resilient pad for great force reduction, vibration damping, and deflection to soften landing*
 - **Excellent Acoustics:** *continuous resilient subfloor for consistent sound and uniformity*
 - **Specially Profiled Hardwood Flooring:** *custom designed to increase flexibility and resilience for dancer safety*
 - **Uniform Resilience:** *continuous subfloor for uniformity and rolling load carrying ability*
- *FSC® Materials Available for Purchase*

LE LENA has been tested per the ANSI E1.26 Standard

PERFORMING ARTS & THEATER

Robbins most advanced professional sprung floor systems are designed & biomechanically researched, specifically for performers with dancer input to create the world's most comfortable and highest performing surfaces. Robbins unique dance floor designs clearly unites legendary performance with all the qualities necessary to withstand the rigors of even the most demanding venues, delivering long-lasting, superior performance characteristics that traditional sprung floors cannot. Outstanding uniformity, vibration control, impact force reduction, and deflection allow performers of all levels to concentrate on their art, **not** the fear of falling or potential injury.

Characteristics of a Superior Dance Floor System Includes:*

- Significant enhancements to dancer “comfort”.
- Provides unparalleled uniformity in feel and performance
- Tightly controls magnitude and timing of deformation for proper energy return
- Damps vibration, quickly limiting effect on neighboring performers
- **Minimizes** floor system vibration in general and specifically in the natural frequency range of soft tissue packages, providing comfort and reducing fatigue
- **Separates** the input vibration frequency (i.e., the skeletal deceleration (frequency) from the natural frequency of soft tissue packages
- Induces small Electromyography (EMG) muscle activity response
- Limits the amount of flooring set into motion upon impact through excellent deformation control
- Provides outstanding acoustics - control of audible vibration
- Eliminates excessive rebound e.g., “trampoline effect”
- Prevents “hard & soft spots” through uniform suspension across the entire floor
- Uniformity, vibration control, and force reduction working together in unison to dramatically enhance performance, while also increasing comfort and safety.
- Provides excellent stability under theatrical loading

**defined by Dr. Benno Nigg, The Human Performance Lab, University of Calgary*



Recent Robbins Performing Arts Installations:

EDGE Performing Arts Center (*Los Angeles, CA*)
 Reed College (*Portland, OR*)
 Kentucky Center for the Arts (*Louisville, KY*)
 The Banff Centre (*Banff, Alberta, CA*)
 Choate Rosemary Hall (*Wallingford, CT*)
 Tracey Anderson Manhattan Studio (*New York, NY*)
 Carleton College (*Northfield, MN*)
 Buckley School (*New York, NY*)