

**GLENBROOK HIGH SCHOOLS**  
**Regular Meeting – Monday February 25, 2008**  
**District Business Office**

**TO: Dr. Craig A. Schilling**

**FROM: Kimberly L. Ptak**

**DATE: February 25, 2008**

**RE: DISCUSSION/ACTION: 2008/09 BUILDING PROJECTS & CAPITAL OUTLAY**

It is recommended that the Board of Education

Approve the Building Projects and Capital Outlay for Glenbrook North and Glenbrook South per the attached.

**Background**

**Building Projects**

Each year, as part of the development of each building's operating budgets (the discretionary funds for each building), they compile a list of building projects, which they wish to complete. While, large projects are generally approved and funded by the Board of Education, there are, usually projects that are not funded and/or relatively small. Building level administrators generate a list of these projects for submission to the Board of Education and inclusion in their operating budgets. The list reflects building level administrative priorities.

**Capital Outlay**

As part of our budgeting process, capital outlay requests are submitted each year for approval by the Board of Education. The district's established threshold for a single item, to be considered a capital outlay, is \$2,500.

Building administrators will be present to answer any questions of the Board on Monday night.

**BUILDING PROJECTS 2008/2009**  
**GLENBROOK NORTH**

**Athletic Practice Fields (final of 3)****\$30,000**

Continued improvement of practice fields including drainage installation, irrigation zone adjustment, lazer grade with center crown and 1.5% pitch to each sideline, hydro seed (weather permitting).

**Men's Coaches Locker Room****\$40,000**

This alternate project from the referendum initiative includes masonry work, lockers and paint as the first phase of rehab.

**TOTAL BUILDING PROJECT EXPENDITURE****\$70,000**

**CAPITAL OUTLAY 2008/2009**  
**GLENBROOK NORTH**

**Furniture****\$200,000**

Furnishing all of the new classrooms, offices, and common areas with furniture and window treatments. This amount will supplement the furniture allotment of \$70,000 in the referendum funds.

**TOTAL CAPITAL IMPROVEMENTS****\$200,000**

**BUILDING PROJECTS 2008/2009**  
**GLENBROOK SOUTH**

**Courtyard Pad & Sidewalks****\$87,000**

Students are now able to use the courtyard as a result of the opening of the student activities center. This project removes the existing crumbling concrete pad and installs a brick paver pad and sidewalks similar to GBN's courtyard. See attached drawing.

**Carpeting****\$55,000**

The carpeting will be replaced with our new "green" carpeting in classrooms 100, 101, 223, 266, 270, 414, 423, 450, 554 and Art and Music offices that are very old and worn.

**Replace Damaged Glazed Block With Brick****\$7,000**

This project removes the damaged glazed block in the music/auditorium hallway with brick.

**TOTAL EXPENDITURE FOR GBS****\$149,000**

**CAPITAL OUTLAY 2008/2009**  
**GLENBROOK SOUTH**

**Electric Kiln EF-10****\$14,440**

The interior firebricks in our EF-10 Kiln have severely deteriorated due to firing over a thirty-five year period. We no longer can fire ceramic work to glaze temperature (2300 F degrees) or bisque temperature (1800 F degrees), which severely limits the kiln's usefulness.

**2 Sony Digital Cameras (TV Station)**

\$3,200 each

**\$ 6,400**

Most of the video we shoot from our TV Station is with these small yet very dependable high-resolution camcorders. In this high quality program, students are always being challenged to produce more and better productions; therefore, our cameras are in constant use and experience a great deal of wear and tear. Additional cameras provide more opportunities for students to work faster and with higher degrees of professionalism.

**Yamaha Double Horn****\$ 3,217**

Each year a number of aging instruments are replaced in band or orchestra. This double horn will be used in band. It is extremely important that we continue this cycle, which allows us to spread costs over several years.

**Foam Scrubbing Machine****\$24,000**

The existing equipment used to clean the field house floor is a Tennent 510 floor scrubber that was purchased at the time the field house was completed and opened in 1991. This machine has become undependable and very expensive to repair. The life expectancy of this machine was approximately ten to fifteen years, depending on usage and we are past that. The floor is scrubbed in-cycle nightly, which means this is a very high-use piece of equipment.

**TOTAL CAPITAL IMPROVEMENTS****\$48,057**

**CAPITAL OUTLAY REQUESTS 2009/2010**  
**GLENBROOK SOUTH**

**Flower Cooler**

**\$4,950**

A flower cooler is a specially designed horticulture refrigerator used to extend the life of flowers and flower arrangements by maintaining a specified temperature and humidity level. With 10 or more sections of horticulture offered over the past several years, this cooler has been and continues to be used extensively. The present cooler, which is approximately 25 years old, has been failing for the past year. Although it has been repaired once within the last year, we believe it is time to purchase a new cooler. This capital request is to replace the present unit with a similar cooler. The "Floral Long Door Two Cooler" from Bush Refrigeration is the proposed replacement cooler.

**Gator HPX 4x4**

**\$8500**

The John Deere Gator will be used all year long. It will be used as a grounds utility cart replacing a lighter duty golf cart during spring, summer and fall. In the winter, the Gator equipped with a cab and plow will be used to clear snow on the walkways.

**17" 2.66 GHZ MacBook Pro**

**\$4,098**

The MacBook Pro 17" Laptop computer is Apple's fastest, most powerful computer. Acquiring this computer will allow television production students to complete high-end editing work ("high end" meaning editing with special effects, motion graphics, and animations) at a location other than the GBS-TV facility. Students will be allowed to check the computer out for overnight or weekend use. As GBS-TV grows and the sophistication of video editing software increases, equipment becomes more portable, it is important to make editing stations available to students beyond the regular school day.

## **Glenbrook North** **Capital Outlay Requests 2009-2010**

### **Clear Com Communication System** (Broadcasting) **\$2,800**

This system replaces current intercom system which does not interface to new camera and no longer functions. Director can't be heard by camera operators. The current system is no longer repairable. This system would be for the TV studio. This includes base station, belt pack for camera operators, headsets, and interface modules. The request is for 2 of these systems @ \$2800 each.

### **Broadcast Camera** (Broadcasting) **\$18,000**

Request is for 2 JVC 250 HD Studio cameras \$18,000 ea. - The current studio cameras were purchased in 1993 and went out of production in 1998. There are no longer replacement parts for critical components. Last fall one camera was out three months having every capacitor replaced. One of the cameras was down for a month this school year. Another camera has intermittent problems that are not repairable. The full studio package per camera is \$18,000. This is comparable to what we paid for our current cameras. There are no other cameras in this price and performance range. The broadcast club account purchased one camera last year with the understanding the school would pick up the cost of the other two cameras. These units are all B-Stock units, which means that they have been used as demo units. They have all been completely checked and carry a full warranty. By purchasing B-Stock the units are more than 30% off.

### **Wenger Guitar storage cabinets** (Fine Arts) **\$4,091**

The storage cabinets are needed due to the addition of class guitar to the music curriculum. The proposed cabinets are the same ones that GBS has. The price includes freight.

### **Electric Kiln** (Art) **\$2,565**

The Ceramic Studio currently has two electric kilns that work really well and two other kilns that are functioning very poorly. One (Skutt 1227) is on its way to the graveyard and the other one (Orton) is already there. Justin's kiln repair person (Neil Estrick) has agreed with him that it is not repairable (cost effective) anymore and should be replaced. The two kilns that we have are fired weekly to keep up with student work. Every ceramic art piece needs to be fired twice: first in a bisque firing, then in a glaze firing. As a kiln ages the soft brick on the interior begins to deteriorate which causes the elements to dislodge and fire at inadequate temperatures. Only one kiln can be used for the higher temperature glaze firing. Without a rotation of this high firing, the "newer kiln" will break down quickly. The estimation for the "useful" life of one of our kilns is three - five years. The two kilns that are functioning poorly are over fourteen years old. Through curriculum modifications and costly repairs we have kept them working. But now the Orton kiln cannot even function at that level. It is now imperative that at least the Orton kiln be replaced.

**Auto Shop Garage Doors**

**\$10,000**

The auto shop garage doors are not repairable and the two doors and openers need to be replaced.

**1 - Sousaphone - Yamaha YSH-411**

**\$3,000**

We currently have 4 sousaphone players in marching band. 2 use newer instruments, one uses an instrument borrowed from GBS (which they will need back next year) and one uses an instrument that is over 30 years old and is literally held together with duct tape.

**TOTAL CAPITAL OUTLAY REQUESTS**

**\$40,456**

**GLENBROOK HIGH SCHOOLS**  
**Regular Board Meeting March 8, 2010**  
**District Business Office**

**TO:** Dr. Mike Riggle  
Hillary Siena

**FROM:** Kimberly L. Ptak

**DATE:** MARCH 8, 2010

**RE:** DISCUSSION/ACTION: Approval of 2011 Capital Outlay Requests

**RECOMMENDATION**

It is recommended that the Board of Education approve the 2011 capital outlay requests as shown on the following pages.

**BACKGROUND**

Each year, as part of the development of each building's operating budgets, capital outlay requests are submitted for approval by the Board of Education. Capital outlay requests are part of the buildings' overall budget allocation and are items with an amount greater than \$2,500.

**CAPITAL OUTLAY REQUESTS 2010-2011**  
**GLENBROOK NORTH**

**Library Furniture**

**\$60,000**

This is part one of a two year plan to outfit the library with new furniture and shelving. The furniture and book stacks are approaching thirty years of age and our maintenance staff has been repairing existing wood chairs and tables for the past seven years. Where appropriate, we will be outfitting areas of the library with refurbished furniture.

**JVC Broadcasting Studio Camera**

**\$18,000**

This is the third and final studio camera needed to replace the cameras that have been in use since 1993 and went out of production in 1998. Replacement parts for critical components were no longer available. The broadcast club purchased one of the new cameras in 2008 with the understanding that the school would help to fund the remaining two studio cameras. The 2<sup>nd</sup> camera was purchased by GBN last year.

**Mobile Locker Stations**

**\$8,340**

In conjunction with the Fine Arts photo lab building project, these mobile locker stations will allow for more flexibility in the teaching environment and a more effective and efficient use of classroom space. The mobility of the workstations will allow teachers to configure the room to meet the needs of photography, graphic design and art studio classes. Additionally, these workstations provide easily accessible storage space and are similar in design to those used at GBS.

**Broadcasting Audio Logger/Archiver**

**\$4,000**

The FCC requires there to be a record of all broadcasts on a radio station. This device would digitally record all on-air programming. The current practice is antiquated as programs are recorded to a cassette tape. In the future, the broadcasting department would like to be able to post shows to a website, providing easy access to recorded programs for instructors, students and others.

**Double Bass with Bag**

**\$4,000**

This is a replacement for an instrument that is more than 25 years old.

**TOTAL CAPITAL OUTLAY REQUESTS**

**\$94,340**



## CAPITAL OUTLAY REQUESTS 2010 - 2011

### GLENBROOK SOUTH

#### Electric Kiln

\$8,268

We had the EF-10 electric kiln replaced two years ago and there is now the need to replace the large and most used kiln in the department. The interior firebricks in our EF-20 Kiln have severely deteriorated due to firing over a thirty- five year period. We no longer can fire ceramic work to glaze temperature which severely limits the kiln's usefulness. As such, this kiln can now only be used for step one: bisque firing. This kiln is used almost daily to fire the work of over 100 students.

#### Sony Digital Cameras (TV Station)

\$3,000

Most of the video we shoot from our TV Station is with these small yet very dependable high-resolution camcorders. In this highly regarded program, students are always being challenged to increase the quantity and quality of productions; therefore, our cameras are in constant use and experience a great deal of wear and tear.

#### Cello w/case

\$4,000

The Glenbrook Symphony Orchestra maintains cellos and basses for student use in class. Periodically, these instruments move beyond the point of sufficient repair and need to be replaced. As our cello section continues to grow, we are at the point where a new cello is needed.

### **TOTAL CAPITAL IMPROVEMENTS**

\$15,268

**CAPITAL OUTLAY REQUESTS 2010 – 2011**

**DISTRICT OFFICE, OFF-CAMPUS AND EVENING HIGH SCHOOL**

**Furniture**

**Net Cost: \$68,000**

As part of the renovation work at 3801 W. Lake Ave, approximately 60% of the existing district office furniture will remain, and 40% will be replaced with refurbished furniture. The estimated cost of the refurbished furniture is \$48,000. Furniture being replaced will be sold at an estimated amount of \$8,000 resulting in a net cost of \$40,000 for the refurbished furniture.

As part of the renovation work at 1835 Landwehr, we are using all existing classroom furniture and replacing office furniture with refurbished furniture. The estimated cost of the refurbished furniture is \$32,000. Office furniture being replaced will be sold at an estimated amount of \$4,000, resulting in a net cost of \$28,000.

Refurbished furniture is estimated to save 40% over the cost of new.

## **CAPITAL OUTLAY REQUESTS 2011-2012**

### **GLENBROOK NORTH**

#### **Pick-up truck / snow plow**

**\$35,000**

The current truck/snow plow is a 1999 Chevrolet and is in a state of disrepair. The metal undercarriage on the front end is damaged due to corrosion and the truck can no longer support the plow. During the winter, it is essential for Plant Operations to have a fully functional vehicle that will properly clear parking lots and open the school campus in cases of inclement weather. The vehicle is utilized throughout the year to pick up grounds supplies, to haul dirt, sand and salt and for day-to-day grounds maintenance activities.

#### **Tennant Floor Scrubber**

**\$24,000**

The existing equipment used to clean the field house floor was purchased at the time the field house was completed and opened in 1989. This machine is at the end of its useful life and has become undependable and more difficult and costly to repair. The floor is scrubbed nightly, which means this is a very high-use piece of equipment. With a new field house floor being installed this summer, it is important to properly clean the surface from the start. Glenbrook South purchased a new Tennant floor scrubber in 2009 as part of its capital outlay requests.

#### **Conn 8DS Constellation Series French Horn**

**\$3,000**

The Fine Arts department has determined that the replacement of this 20 year old instrument is their most critical need. Our instrument inventory list was created in 2009 and each year, the department assesses their needs and the condition of current instruments.

#### **Thermal Cycler (PCR Tyler Cycler Machine)**

**\$4,750**

The Science program will greatly benefit from owning a PCR machine because it will provide students an opportunity to engage with state of the art technology used in science research. The thermal cycler amplifies DNA samples for a clearer analysis of DNA. Forensics, AP Biology, PCB Honors Biology as well as the Freshmen Honors Biology courses will utilize this machine. Biotechnology is a critically important concept in the realm of science research. Instead of theoretically discussing the implications of the amplification of DNA, students can be given a first-hand opportunity to amplify DNA.

#### **TOTAL CAPITAL IMPROVEMENTS**

**\$66,750**

## CAPITAL OUTLAY REQUESTS 2011 - 2012

### GLENBROOK SOUTH

#### Truck with Plow

**\$43,000**

Currently, GBS owns three trucks from 1994, 1999 and 2006. During the winter, the 1999 and 2006 trucks are used for snow removal and the 1994 truck as a salt spreader. We continue to struggle keeping our parking lots clear of snow and safe with only two trucks that can plow. There is a need to purchase a heavier one-ton truck for snow removal that will also be used for general grounds in the non-winter months.

#### Library Furniture

**\$35,000**

As part of the Library remodel we need to purchase independent study islands. The islands include pop-up electrical power for laptop use and are also designed to limit distractions for students.

(Blue highlight on drawing)

#### Library Shelving

**\$49,900**

The Library's existing shelving will be retrofitted and used on the west side of the Library. As part of the Library remodel we also need to purchase shelving for the east (courtyard) side of the Library.

(Yellow highlight on drawing)

#### **TOTAL CAPITAL IMPROVEMENTS**

**\$127,900**

