

2016 Facilities and Technology Task Force Minutes

October 29, 2015

Board Room, Administration Building – 6:00 p.m.

Attendees:

Members: Matthew Arend, Earnest Burke, Rebecca Egelston Caso, Rodney Davenport, Ken Gagliano, Jim Hirsch, Ken Hutchenrider, Marshall Jackson, Annika Little, Bill McLaughlin, Dr. Raj Menon, Pat Miner, Amy Nelson, Rev. Patrick Price, Julie Richard, Corie Rubenstein, Doug Shockey, Karen Stanton, Ryan Steele, Rose Taper, John Teiber, Al Valente, Janet Weissman

District officials and others: Dr. Brian Binggeli, Dr. Jim Wussow, Susan Modisette, Dr. Kary Cooper, Karla Oliver, Dan Armstrong, Linda Madon, Kathy Waskow, Juan Ramos, Tony Pearson, Monica Sharapata, Mary Ann Lewis, Amy Bates, Dr. Christie Duke, Laurie Taylor, Patti Berry, Karen Buechman, David Hitt

Welcome/ Follow up from Previous Meeting– Rebecca Egelston Caso, Chair

The fifth Plano ISD Facilities and Technology Task Force meeting was called to order at 6:00 p.m. by Rebecca Egelston Caso, Chair. Rebecca said we have one more night of proposals for the bond and asked if there were any questions from the last meeting on October 15th. No one had any questions. Rebecca turned the meeting over to Dan Armstrong. Dan was moderating the meeting and turned the first portion of the meeting over to Tony Pearson for the presentation on Systems and Compliance.

Systems and Compliance- Tony Pearson, Assistant Director of Facility Services

What is Systems and Compliance?:

Replacing/repairing systems not included in targeted renovations/refurbishments such as:

- HVAC (Heating, Ventilation, Air Conditioning)
- Carpet & Flooring
- Plumbing
- Electrical
- Energy Management
- Site Improvements

A list of needs was compiled by our facility cluster managers who, along with their own working knowledge of the facility, looked at replacement schedules, work order histories, and reviewed requests from principals and others. The list was prioritized to address those needs requiring action within a bond program that would cover us for the next 4-5 years.

A Systems and Compliance school by school list was provided in the handout packet. Tony went over the headings on the Systems and Compliance handout and the total cost being recommended.

Summary of Recommendation by Category:

Carpet and Flooring	\$6,111,687
Electrical	2,875,726
Energy Management	2,638,222
HVAC Systems	35,225,320
Plumbing	5,233,513
Site Improvements	2,566,527
Pavement, Fire Lanes	1,989,899

Specialties, Equipment	1,742,767
All Other (needs that did not fit any of the other topics above)	5,092,280
Total	\$63,475,941

Tony also discussed pre-funded projects. As background he gave an example of a pre-funded item in the 2008 program. In 2005-06, during the 2004 Bond, the district's population was growing much faster than anticipated. A new school needed to be built to relieve three of our elementary schools, but the new school was not part of the 2004 Bond. The Board decided to build the school out of operating funds and adopted a resolution to reimburse themselves from future bond proceeds. The reimbursement resolution offered the district the flexibility as to when the project would need to be included in a bond program and was presented to the voters for their approval.

Reimburse Pre-Funded Item

- Federal guidelines allow bonds to be used to reimburse previous capital outlays provided:
 - Certain criteria are met, such as timing, and
 - Issuer adopts a reimbursement resolution prior to making the purchase
- Used more extensively in past as district was building new campuses and enrollment was growing
- Board did adopt reimbursement resolution for the purchase of a potential future school site east of Coit Road, south of Frankford (TAMU Agricultural Station), but it is not mandatory to actually reimburse
- Initially paid from capital projects fund/operating surplus
- \$5.2 million
- Recommendation is to not sell additional debt to reimburse

Tony asked if there were any questions about systems and compliance, then turned the meeting back over to Rebecca.

Rebecca asked if there were any objections to moving these items for final consideration.

There being no objections she then moved to the next topic.

Technology and Academic Services- Dan Armstrong, Assistant Superintendent Technology Services; Jim Wussow, Assistant Superintendent Academic Services

Dan stated that the technology portion of the bond proposal is broken into 3 sections; technology replacements, academic services and technology initiatives, and academic services initiatives. Technology replacements will affect all students, all staff, at all sites. The technology replacements schedule is based on the life cycle of the device.

To emphasize the size of our district, Dan provided the following statistics; the district is its own public utility and has over 84 miles of fiber cabling connecting all campuses, there are over 37,000 computer devices on the network. Over 45,000 devices connect to the wireless network each day, and of those only 9,000 belong to the district, meaning that the remaining amount is brought in by students and staff. Additional stats included; the district prints over 4.5 million pages per month and over 1,100 Windows applications are supported.

What would it take to keep the infrastructure running for the next 5 years? Devices constitute most of our replacement cost. In addition, the mobile device numbers will grow over the next 5 years. Dan addressed technology's replacements and the total cost being recommended.

Technology Replacements Summary:

Desktops/Laptops	\$24.9 mil
Classroom devices (vids, projectors, printers)	13.6 mil
Infrastructure (servers, switches, WiFi)	6.2 mil
Mobile devices (iPads, Chromebooks)	1.9 mil
Special Education (advancements in equipment)	2.8 mil
All other devices (digital cameras, calculators, 3D printers, probeware/microscopes, headphones, timeclocks, scanners)	6.7 mil
Total Replacements	\$56.1 mil

In the past, the standard computer classroom model provided 7 fixed computers per classroom. The new model will offer more choices and more devices. The technology department now works collaboratively with the curriculum department and campuses to assist in choosing devices.

A member questioned the cost of calculators at \$570,000. Jim explained that these are scientific graphing calculators for math/science courses and current models are not compatible. These specific calculators are also required for state testing.

A member wanted to know what the district does with the old devices. Dan explained that some are reutilized for the computers @ home project. Another member said it would be beneficial if the old graphing calculators were put in the hands of the economically disadvantaged students once we upgrade.

Dan turned the academic services and technology initiatives section over to Jim. Jim said grade level focus groups and subject area teachers helped drive the decision making in the devices that will best determine their technology needs over the next five years. Technology is now more a part of our lives than it was at the time of the last bond program; however, we are not at a place to have a 1 to 1 student to device ratio. A particular device has limited use and cannot do all the necessary functions needed, while choice of device provides flexibility in the classroom. Principals want to focus on curriculum first and the learning of students to determine the device, not the device to determine the curriculum.

Elementary classrooms: curriculum is proposing to add four 30-station carts to expand capacity and flexibility to an elementary campus in addition to the 7 standard computer devices. That is roughly 120 devices per campus.

Cost: \$3,881,680.

Secondary classrooms: curriculum is proposing to add 7 devices for each of the 1,404 classrooms that are standard in their configuration, as well as a cart for flexibility.

Cost: \$7,585,812.

PK-12 teacher: teachers are dependent on devices but need wireless interactivity capability. This proposal would allow for 4,050 teachers to receive a portable device.

Cost: \$2,632,500.

K-12 Art: the greatest portion of this proposal will be for iPads, 3D printers and kiln replacements.

Cost: \$1,237,648.

A member questioned if the roll out plan will be phased. Jim stated that we will develop a phase-in plan for years 1-5.

Additional questions ensued:

- Member would like district to show benefit of device choices.
- Do we have a technology feedback mechanism to improve each roll out phase, if needed?
- Will we be re-evaluating technology specs over the years?
- Is it more beneficial to purchase the warranty or replace the device?

CTE: proposal will add infrastructure equipment and security equipment to the agricultural center, 3D printers, All-In-One'S (AIOs) for pre-school, business technology lab workstations and course specific laptops/devices.

Cost: \$809,300.

Health/PE: proposal will add projection systems and screens, portable sound systems, and heart rate monitors.

Cost: \$692,232.

Academic Services and Technology Initiatives Summary:

Elementary campus and classroom	\$3,881,680
Secondary classrooms	7,585,812
PK-12 teacher	2,632,500
K-12 Art	1,237,648
CTE	809,300
Health/PE	692,232
Wireless presentation and collaboration	860,000
Other academic programs	135,140
Total Academic and Technology Initiatives	\$17,834,312

A member asked if we are currently using operating funds to pay for capital expenditures, will we continue to use operating funds to pay for capital expenditures if the bond is approved. Dan replied that we will not be funding capital expenditures out of operating funds if the bond is approved.

Jim addressed the third and final section of the presentation, academic services initiatives for non-technology needs. He said that the needs for the Outdoor Learning Center and the Academy's outdoor needs will be moved to the systems and compliance portion of the bond proposals.

Outdoor Learning Center: proposal will cover a roof replacement as the center has experienced over 13 major leaks, replacement of exterior doors as they are rusted out, upgrading of the electrical system and heat source as they are outdated, and changing out the incandescent bulbs.

Cost: \$410,000.

Fine Arts: proposal will cover the replacement of musical and theatre equipment and the marching band towers.

Cost: \$3,250,000.

Academy HS: this is the first year for the 12th grade level. The proposal will provide for maker space equipment additions, kiln, fab lab equipment and outdoor activity needs.

Cost: \$51,250.

Library books: proposal will cover book collections at the cost of \$706,400 annually.

Cost: \$3,532,000.

Special Education: proposal will cover stenographs, lift systems and high/low changing tables.
Cost: \$91,245.

Academic Services Initiatives (non-technology):

Outdoor Learning Center	\$410,000
Fine Arts	3,250,000
Academy HS	51,250
Library Books	3,532,000
Special Education	91,245
Total	\$7,334,495

*Items will be moved to Systems and Compliance

Technology and Academic Services Recap and Grand Total:

Technology Replacements	\$56,100,000
Academic and Technology Initiatives	17,835,000
Academic Services Initiatives	7,335,000
Grand Total	\$81,270,000

Rebecca asked if there were any objections to moving these items for final consideration.

There being no objections she then moved to the next topic.

Discuss November 12th Meeting, Rebecca Egelston Caso, Chair

Rebecca asked if there were other questions and several questions arose, including:

1. What is the cost difference between buying warranties with the new replacement computers/devices and not buying the warranties? Would it be more cost effective to replace the item that is broken than to have paid for a warranty?
2. In regards to the curriculum vision and technology vision, what is the expected outcome for having spent this amount of money? In other words, what are the measurements that are used to determine that this money will be well spent with the new computers/devices for curriculum? The committee suggested using a benchmark to help compare with other districts.
3. Are we behind in our technology replacements and devices for our schools? Why do some campuses have better equipment? Should we be replacing older devices first?
4. Are there any plans for teacher training to keep up with the new technology?
5. Committee would like clarification on how much interest we pay on bonds and if it is cost effective to issue more debt with large interest payments. Maintenance and Operating (M&O) accounts cannot keep up with the costs of new schools, additions, land purchases, and large capital projects. Dr. Binggeli mentioned that the cost of recapture has a big impact on M&O accounts.
6. How is a lifecycle determined? Explain how the debt for technology replacements will be amortized over 5 years.
7. Are all items posted that have been requested by the committee?
8. What else could be added to bond program that is not on the current list? How do we know if sufficient funding has been proposed for technology?
9. When can we expect answers to these questions?
10. Can any additional information the district might be providing for the next meeting be completed as early as possible so the committee has plenty of time to review?

Rebecca stated that the discussion for the November 12th meeting will be the Interim Report to be presented at the November 17th Board of Trustees work session.

Rebecca reiterated the committee requests from the discussion of tonight's meeting. The committee would like to see:

1. Cost of warranties for computers/devices vs. replacing unit.
2. List of measurements used for the outcome for students with the new combined vision for the Technology and Curriculum plans. What are the big block items that are trying to be accomplished? Bullets to evaluate effectiveness and where district needs to adjust.
3. Updated demographic information, if available.

Rebecca also wanted to remind the committee that the next meeting on November 12th is an important one. This will be the meeting where decisions will need to be made on the entire list of bond proposals presented. Rebecca then asked the committee to:

1. Please review information in notebooks and familiarize yourself with the proposals.
2. Please send questions/requests via email ahead of time. Anticipating concerns will help staff to have any extra information readily available.
3. Come with a collaborative mindset and be prepared to make decisions about what is best for the district as a whole.
4. Please be here! This is the committee's choice of bond proposal items.

The meeting was adjourned at 7:50 p.m., after Rebecca thanked everyone for their participation. Dr. Binggeli also thanked everyone for giving their time to this committee.