

Bond Advisory Committee

Instruction

CTE Opportunities

Definition:

Expand and enhance CTE opportunities to match the needs of rapidly evolving, tech-focused pathways

Example:

Funding to acquire, refresh, remodel, enlarge and expand opportunities across the district including computer and device replacements, studio equipment, replacement cooking labs and trades training equipment for priority occupation programming across the district.

Derived from:

Current market value
CTE inventory, purchasing records

Cost: \$34 Million

Software Licenses

Definition:

Ensuring equitable access to high-quality digital learning environments, instructional enhancements to include digital texts, annotation tools, and interactive/adaptive learning paths across every content area

Example:

Ensuring equitable access to high-quality digital learning environments, instructional enhancements to include digital texts, annotation tools, and interactive/adaptive learning paths across every content area

Derived from:

2016/17 audit of digital learning resources
Textbook adoption records, Purchasing records

Cost: \$5 Million

Instructional Material

Definition:

Ensuring equitable access to high-quality learning environments, instructional enhancements to include enhanced interactions with level-appropriate texts. Includes Science, Humanities, Fine Arts, Health/Fitness, Early Childhood and Library/Media.

Example:

Content-specific curricular materials including leveled reading materials and classroom-based learning tools; Replace Band/Orchestra Instruments (over 20 years old), Band, Drill, Choir and Orchestra Uniforms, Gale Virtual Reference Library (GVRL); Literature Criticism Online/K-12; OverDrive; Follett Lightbox

Derived from: Purchasing records, current market conditions

Cost: \$13 Million

System MEP

Definition:

Mechanical, electrical, and plumbing systems that control the internal facility environment including air conditioning, heating, lighting power, water, and waste systems.

Example:

HVAC: Boilers, furnaces, chillers, cooling towers, ductwork
Electrical: Switchgear, transformers, safety switching, electrical conduit and wiring, communications and security
Fire Protection: Fire pumps, sprinklers, control panels, detectors, horns, strobes
Plumbing: Toilets, urinals, sinks, pipes, fittings, valves, showers, drinking fountains, hydrants

Derived from:

2017 Facility Condition Assessments

Cost: \$348 Million

Facilities

System Building Envelope

Definition:

The overall facility structure that creates the building envelope integral with the supporting internal facility environment.

Example:

Foundations: All foundations, slab on grade, basement walls
Superstructure: Floor and roof decks, slabs and structural frames
Exterior Doors: Glazed, revolving, overhead, hangar, gates
Exterior Windows: Window systems, storefronts, curtain walls
Exterior Walls: Insulation, parapets, sealants, screen walls

Derived from:

2017 Facility Condition Assessments

Cost: \$254 Million

Asset Deficiencies

Definition:

An improvement to an individual facility or site asset, such as repair or replacement of a single component within a complete system that does not include the entire system. This type of improvement can be characterized as repair, replacement, refurbishment or renovation.

Example:

Individual equipment units, building components, finishes, MEP equipment, weatherproofing, parking lot paving and pedestrian paving, site utilities, lighting, fencing.

Derived from:

2017 Facility Condition Assessment

Cost: \$316 million

Roofing

Definition:

All roofing finished installations related to roof repair, can be partial or full roof replacement

Example:

Roofing insulation, flashing and trim, gutters, downspouts, hatches

Derived from:

2016-2017 Roof Assessment

Cost: \$75 Million

Technology Cabling

Definition:

The fixed infrastructure and delivery system support access to technology services and equipment.

Example:

Data Closets: Size, configuration, location
Cabling: Optical fiber, inter-building conduits and connectivity

Derived from:

2007 Technology Cabling Assessment

Cost: \$5 Million

Facilities

FF&E

Definition:

Facility and classroom furnishings and moveable equipment to support the educational programs.

Example:

Fixed and Moveable Furnishings: Casework, cubicles, lighting, window treatments
Equipment: Clinic, auditorium, library, A/V, loading dock, athletic, etc.

Derived from:

SBISD Design and Construction Standards,
SBISD Educational Specifications

Cost: \$25 Million

Education Suitability

Definition:

Evaluation of how well the facility supports the education program it houses

Example:

Environment: the creation of a safe and effective learning and working environment
Circulation: Pedestrian, vehicular circulation and signage
Support Space: Offices, special learning spaces (e.g. music rooms, science labs), and support spaces
Size: Adequacy of the size of the spaces
Location: Adequacy of adjacencies
Storage & Fixed Equipment: Utilities, fixed equipment, storage, and room surfaces

Derived from:

Cost: \$89 Million

Capacity + Demographics

Definition: Assessment of planning needs based on a ten year enrollment forecast and each school's capacity to support current and future enrollment

Example:

Replacement of Temporary Buildings: Expansion associated with temporary building replacement
Over Capacity Accommodation: Renovation, expansion, addition to accommodate over-capacity
Future Growth: Renovation, expansion, addition to accommodate future growth

Derived from:

2017 Demographics + Capacity Study,

Cost: \$50 Million

Child Nutrition Services

Definition: Operational equipment and support spaces required by Child Nutrition Services to prepare and deliver food services.

Example:

Kitchen + Support Areas: Size, configuration, location of dry storage, cold storage, preparation, bake, production, holding, serving, warewash, receiving, office, locker/toilet, janitorial
Equipment Condition + Functionality: Dry storage, cold storage, preparation, bake, production, holding, serving, warewash

Derived from:

017 Child Nutrition Services Assessment

Cost: \$19 Million

Technology

24/7 Access

Definition:

Resources, hardware & software, needed to support learning and accessing our systems from anywhere, at anytime

Example:

Physical & logical tracking of district access at all times

- 4,000 teachers access itslearning (i.e. LMS) between 4pm - 12am
- 7,500 students access itslearning (i.e. LMS) between 4pm - 12am
- 8,000 users of Skyward Family Access (i.e. grades)
- 15-20 after-hour calls into Help Desk during peaks times
- 20% of families use SchoolCafe for meal pay with an annual average of \$50,000 unpaid lunch balances

Derived from:

SBISD IT

Cost: \$40 Million

Tools for Kids + Teachers

Definition:

Tools, devices and apps used for teaching and learning in classrooms, libraries, and labs

Example:

Desktops, iMacs, MacBooks, Laptops, Chromebooks, iPods, iPads, Kindles, Brightlink, ActivBoards, Printers

Derived from:

SBISD IT

Cost: \$136 Million

Infrastructure

Definition:

All the connections and supporting equipment between students, schools, sites and employees to keep the district efficient, safe and secure.

Example:

Internet, wifi routers, servers, switches, storage

Derived from:

SBISD IT

Cost: \$33 Million

Buses

Definition:

SBISD has a total bus fleet of 266 buses serving all elementary, middle and high schools. District buses are also utilized for Special Needs mid-day job sites, Guthrie Center, HCC and afterschool runs. These buses are also utilized for weekday and weekend field trips and athletic trips.

Example:

SBISD has a total fleet of buses, consisting of:

- 215 General Education Buses
- 51 Special Needs Buses
- 266 Total Buses

Derived from:

SBISD Transportation

Cost: \$23 Million

Transportation

How Much Do Things Cost?

Bond Advisory Committee

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|-------------|---|--|---|--|
| Instruction | CTE Opportunities \$34 Million | Software Licenses \$5 Million | Instructional Material \$13 Million | System MEP \$348 Million |
| | System Building Envelope \$254 Million | Asset Deficiencies \$316 Million | Roofing \$75 Million | Technology Cabling \$5 Million |
| | FF&E \$25 Million | Education Suitability \$89 Million | Capacity + Demographics \$50 Million | Child Nutrition Services \$19 Million |
| | 24/7 Access \$40 Million | Tools for Kids + Teachers \$136 Million | Infrastructure \$33 Million | Buses \$23 Million |
| Facilities | Facilities | Facilities | Facilities | Facilities |
| Technology | Technology | Technology | Technology | Transportation |

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