



# Proposed Bond Projects May 2019 Referendum



PRIORITY 1 : \$261,405,967.00

PRIORITY 2 : \$74,317,700.00

DECEMBER 5th COMMITTEE APPROVED TOTAL: \$335,723,667.00

Project No.	Project Name	*Priority	Category	Scope of Work	Goals of the Project / Justification	Budget
1	Stuart Career Tech HS Phase 3	1	Renovations & Replacements	The project would include renovating the remaining half (66,000 sf) of Stuart Career Tech HS, including a complete interior remodel. Restrooms will be upgraded to meet ADA code and the MEP systems will be replaced with new efficient equipment. Classrooms will be renovated to meet program demands. The project will introduce District standard technology, i.e.: promethean boards, and mobile teacher stations. The campus will receive perimeter security fencing and gates.	<ul style="list-style-type: none"> <li>Renovation will increase student capacity from 400 to 650 students</li> <li>Transportation Academy will be expanded with new Diesel, Collision Labs, Manufacturing Lab, and updated Automotive Lab</li> <li>Addition of a Vet Tech Lab</li> <li>Repairing and relocating the Greenhouses</li> <li>Renovated Greenhouses will provide students with the opportunity to learn about environmental sustainability and prepare for biology-related post-secondary degrees</li> <li>Provide high-in-demand programs</li> <li>Graduate students that are certified in their trade/field of choice</li> </ul>	\$20,500,000.00
2	Mechanical	1	Renovations & Replacements	Project will replace the outdated HVAC system that is at the end of its life expectancy. Corrective measures would include replacing the chiller equipment, VAV boxes, thermostats, ducts, cooling tower, and installation of a fire sprinkler system at Sterling HS, and replace the HVAC system components such as the fan coil units, controls valves, and DX Units at: De Zavala ES, Harlem ES, and Highlands ES, install mini-split A/C systems directly in the MDF rooms to address the lack of sufficient conditioned air, districtwide.	<ul style="list-style-type: none"> <li>Replacements will provide more energy efficient HVAC</li> <li>Control the temperature of buildings for better student/staff comfort</li> <li>Require less maintenance repair time and down time due to modernized equipment.</li> <li>The project will also address the lack of sufficient conditioned air in IT closets</li> </ul>	\$26,578,000.00
3	Lee Auditorium Renovation	1	Renovations & Replacements	Project will be a complete renovation of the 18,000 sf, aged auditorium at Lee High School. Work will include new flooring, seating, ceiling, acoustical materials, stage production equipment, and stage lighting. The addition of a theatre shop will also be included.	<ul style="list-style-type: none"> <li>Renovation will increase functionality, performance space/stage area use and technical theatre construction shop use for Lee High School</li> <li>It decreases district liability through new dressing rooms, storage for theatre supplies and auditorium equipment</li> <li>The project eliminates safety issues in the counterweight system, seating, stage area and restores functionality to the space</li> <li>increases recruitment and retention of visual and performing arts students</li> <li>modernized facility allows for equity across the district</li> </ul>	\$5,400,000.00
4	CTE Classroom Renovation	1	Renovations & Replacements	As a direct effect of SCTHS Phase 3 and 4, CTE facilities will need to be renovated at: Sterling HS, Lee HS, and Memorial HS.	<ul style="list-style-type: none"> <li>General Construction classes will be moved back to the main high school construction labs, which will increase use of current labs</li> <li>Dust collections systems at REL and RSS will be upgraded</li> <li>Health Science certification programs will be relocated to main campuses</li> <li>REL &amp; GCM classrooms will need to be renovated to meet increased enrollment demands</li> <li>Health Science Academy space will expand</li> </ul>	\$1,700,000.00
5	Buses	1	Renovations & Replacements	Project will purchase new buses for replacement of older fleet and for expansion of fleet.	<ul style="list-style-type: none"> <li>Replacement of older fleet outside of its replacement schedule and useful life</li> </ul>	\$14,600,000.00

Project No.	Project Name	*Priority	Category	Scope of Work	Goals of the Project / Justification	Budget
6	<b>Fine Arts Renovations</b>	2	Renovations & Replacements	Project will renovate Fine Arts facilities for equity across the district. This will include the construction of a theatre shop, cat walk, and black box theatre at Sterling HS, and address the discontinued theatrical lighting system in performance auditoriums, including adding fire-rated curtains, districtwide.	<ul style="list-style-type: none"> <li>• Project provides equity and transforms Sterling auditorium into a functional theatre space by constructing the additions mentioned in the scope of work</li> <li>• It increases instructional ability of faculty by providing modern tools, spaces and equipment to learn on</li> <li>• It also provides space and privacy for student performers with addition of dressing rooms, increases recruitment and retention of visual and performing arts students, and allows for TEKS achievement</li> </ul>	\$3,550,000.00
7	<b>San Jacinto Replacement</b>	1	New Facilities	Project will construct a new campus at approximately 98,000 sf and have a capacity of 800 students. Budget includes purchase of property, if necessary.	<ul style="list-style-type: none"> <li>• Project will focus on 21st Century learning and achieving District Standards and equity</li> </ul>	\$28,100,000.00
8	<b>Junior School # 6</b>	1	New Facilities	Campus will be constructed in response to the population growth on the North side of the District (to be located adjacent to GCM HS; GCCISD-owned property). Campus will be approximately 180,000 sf and have a capacity of 1,200 students.	<ul style="list-style-type: none"> <li>• Project will alleviate overcrowding at some of the Junior Schools due to the population growth on the North side of the District</li> </ul>	\$59,275,000.00
9	<b>New Security Cameras</b>	1	Safety & Security	Install 640, additional security cameras at all schools and non-instructional facilities. This is a district wide project.	<ul style="list-style-type: none"> <li>• Project will improve the District's current video camera surveillance and security capabilities</li> </ul>	\$1,155,000.00
10	<b>Add Elementary and Junior School Mobile Devices</b>	1	Educational Technology	Add Kindergarten, 1st, 2nd, 3rd, 6th Math & Science, 7th Math & Science, 8th Math & Science Mobile Devices across the district. Add 500+ iPad Classroom Carts. The elementary desktop computers in the classroom would not be replaced. This project impacts 12,269 students.	<ul style="list-style-type: none"> <li>• Instructional technology resources are an important part of daily lessons, remediation, and student evaluation of performance</li> <li>• Primary grades, along with junior school Math and Science classrooms are at a disadvantage because they do not have devices assigned to their classroom for daily use</li> <li>• This shortcoming presents a technology gap for our primary and junior school Math and Science students</li> <li>• Eighty-five percent of district textbooks have a digital component</li> <li>• The adoption of online curriculum has increased the demand for technology in the classroom</li> </ul>	\$6,553,000.00
11	<b>Administrative Computer Replacement</b>	1	Technology Infrastructure	Replace 1,200+ Administrative Desktop Computers at all of the schools and non-instructional facilities. This is a district wide project. This project impacts all 23,861 students.	<ul style="list-style-type: none"> <li>• These desktops are the workstations for all administrative and non-instructional staff</li> <li>• Devices are used to communicate and collaborate with District and Non-District contacts and perform normal workplace tasks</li> <li>• Lenovo is not making parts for these computers and it is becoming more difficult to find parts to repair them</li> </ul>	\$1,322,200.00
12	<b>Network Cabling Replacement</b>	1	Technology Infrastructure	Replace District Network Cabling at older facilities that were built before 2005. This project impacts 16,509 students.	<ul style="list-style-type: none"> <li>• Project was identified and requested in the 2013 Bond Planning Process but was removed</li> <li>• Cabling is 20+ years old, surpassing its lifecycle of 20 years</li> <li>• Some of the cabling is using split pairs which limits the ability to use phones or other ethernet powered devices</li> <li>• Lowers the devices' connection speed</li> </ul>	\$11,992,560.00
13	<b>Plumbing Upgrades and Renovations</b>	1	Renovations & Replacements	Project will replace deteriorated water, gas, and sewer lines, and also includes replacing the water-consuming existing fixtures with metering faucets and battery powered low-flow flush valves at: Sterling HS, GCM HS, Lee HS, Baytown Jr., Gentry JS, Cedar Bayou JS, Highlands JS, and Mann JS	<ul style="list-style-type: none"> <li>• These lines are at the end of their life expectancy</li> <li>• Their replacement will allow for less disruption of student/staff comfort due to clogged and overflowing drains from years of use</li> <li>• These upgrades will also lower the usage of water/utility costs through the use of metered faucets</li> </ul>	\$15,400,000.00

Project No.	Project Name	*Priority	Category	Scope of Work	Goals of the Project / Justification	Budget
14	<b>Fine Arts Equipment Replacement - 1</b>	1	Renovations & Replacements	Project will replace and upgrade existing Fine Arts and Visual Arts equipment valued over \$2,000.	<ul style="list-style-type: none"> <li>• Project increases fine arts participation and performance opportunity in all fine arts areas, providing replacement of on-level, visual and performing arts equipment, specifically for higher cost equipment that represents a financial burden to our students</li> <li>• It also increases overall quality of inventory for fine arts programs, increases recruitment and retention of visual and performing arts students, and allows for TEKS achievement</li> </ul>	\$3,450,000.00
15	<b>Field House</b>	1	Athletics	Project will construct a new 25,000 sf facility that will house the District's Athletic Department in one location. The facility will be equipped with locker rooms for athletes and officials, athletic training/medical rooms for home and visiting teams, administrative offices, and ticket office. The facility will be located at the Stallworth site.	<ul style="list-style-type: none"> <li>• Adding an athletic field house will provide upgraded locker rooms and office space in a centralized location</li> <li>• Provide a modernized facility</li> </ul>	\$8,800,000.00
16	<b>Junior School Running Tracks</b>	1	Athletics	Project will install new 4-lane athletic running tracks, including field lighting. Tracks will be installed at: Baytown JS, Cedar Bayou JS, Gentry JS, Highlands JS, and Mann JS.	<ul style="list-style-type: none"> <li>• Goose Creek CISD is one of very few school districts in the area that doesn't currently have running tracks at its Junior Schools</li> <li>• Tracks are vital to the physical education curriculum as well as to accommodate continued student growth/growth of athletic programs at the Junior School level</li> <li>• The tracks will also be open to the public for community use</li> </ul>	\$3,250,000.00
17	<b>Education Service Center</b>	1	New Facilities	Project will renovate a 55,500 sf building for the Special Education Department and Curriculum & Instruction Staff from across the district. Project will construct a 27,000 sf building to include administrative offices for the Food Services Department and a full-service catering kitchen for the district. The new center will also house the district's Print Shop, Meeting Rooms, and Health Clinic for the District.	<ul style="list-style-type: none"> <li>• Project will provide a permanent, district-owned facility for the Special Education Department and other Curriculum &amp; Instruction staff, in one location</li> <li>• It will also allow Food Services to be located at one location, with immediate access to one catering kitchen for the District</li> <li>• The move of these service departments to this location will allow for more efficient use of the current Service Center as a dedicated receiving and delivery warehouse</li> </ul>	\$10,750,000.00
18	<b>Construction Lab</b>	1	New Facilities	As a direct effect of SCTHS Phase 3 and 4, project scope includes constructing a 5,000 sf metal building with new equipment at Sterling HS.	<ul style="list-style-type: none"> <li>• RSS Lab is the smallest of all construction labs and cannot safely serve the current number of students enrolled, let alone an increase with students completing the full coherent sequence at RSS instead of transferring to SCC</li> <li>• It is the oldest of all labs in the district, is extremely outdated, and is currently located in the middle of the Health Science Academy</li> <li>• This allows for expansion of the Health Science Academy and a construction lab that safely serves the growth of students due to the ending of transporting students to SCC</li> </ul>	\$1,300,000.00
19	<b>Elementary # 17</b>	2	New Facilities	Campus will be constructed in response to the population growth on the North side of the District (to be located at Baytown Crossings Subdivision on Garth Rd.; GCCISD-owned property). Campus will be approximately 98,000 sf and have a capacity of 800 students.	<ul style="list-style-type: none"> <li>• Project will alleviate overcrowding at some of the Elementary Schools due to the population growth of the District</li> </ul>	\$26,778,000.00
20	<b>Fine Arts Buildings</b>	2	New Facilities	Project will construct Fine Arts facilities. A new 25,000 sf building will be constructed to accommodate band, orchestra, choir, and dance at Lee HS. A new 11,000 sf building will be constructed to accommodate band, orchestra, choir, and fine arts classrooms, at Gentry JS.	<ul style="list-style-type: none"> <li>• Project provides reclaim of academic classroom space at Gentry JS</li> <li>• The construction creates rehearsal, performance, storage and office space for faculty and student groups</li> <li>• Increases recruitment and retention of visual and performing arts students, and allows for TEKS achievement</li> </ul>	\$12,100,000.00

Project No.	Project Name	*Priority	Category	Scope of Work	Goals of the Project / Justification	Budget
21	<b>Bus Equipment</b>	2	Safety & Security	Project will replace obsolete bus camera systems and bus GPS units.	<ul style="list-style-type: none"> <li>• Camera systems on buses are an invaluable tool for student and employee oversight and management</li> <li>• The current systems are over ten years old and are obsolete and non-repairable</li> <li>• If not replaced in mass, systems will continue to fail and be replaced with multiple systems and programs which will affect overall quality and support at the campus level</li> <li>• Current GPS units are over ten years old and are in need of upgrades to allow for increased accountability and data import into our routing software</li> <li>• This will lead to increases in ridership and route efficiencies, leading to overall cost reductions</li> <li>• This purchase would also allow for possible parent notification of stop arrivals via web interface as well as notification of route issues</li> <li>• Upgrade would also allow for possible future student tracking to increase overall safety of students through the reduction of students boarding the wrong bus or getting off at the wrong stop</li> </ul>	\$2,000,000.00
22	<b>Teacher &amp; Presentation Stations Replacement</b>	1	Educational Technology	Replace 1,640+ Teacher Desktop Computers & Presentation Stations at all schools. This project impacts all 23,861 students.	<ul style="list-style-type: none"> <li>• The teacher desktop is an essential tool for teachers to use to collaborate with parents and staff</li> <li>• It is also utilized for tasks such as creating lesson plans, and inputting grades and attendance for all students</li> <li>• The Presentation Stations includes a laptop that runs the software that controls the Promethean Boards</li> <li>• Lenovo is not making parts for these computers and it is becoming more difficult to find parts to repair them</li> </ul>	\$4,955,100.00
23	<b>Interactive Whiteboards</b>	1	Educational Technology	Replace 1,640+ Interactive Whiteboards and Projectors with Interactive Panels at all schools. This project impacts all 23,861 students.	<ul style="list-style-type: none"> <li>• The interactive whiteboard is a tool that all GCCISD teachers use in the classroom for daily lessons</li> <li>• This board engages visual, auditory, and kinesthetic learners, and allows the teacher to provide students with interactive, visually rich lessons</li> <li>• Promethean has moved from interactive whiteboards and projectors to an interactive panel</li> <li>• The current interactive touch boards and projectors are being phased out by Promethean, making parts more difficult to acquire</li> <li>• To date, a third of the projector fleet has been replaced with warranty projectors</li> </ul>	\$7,299,360.00
24	<b>Replace Elementary and Junior School Mobile Devices</b>	1	Educational Technology	Replace Mobile Devices for 4th, 5th, 6th-8th English Language Arts and Social Studies Classrooms from across the district. Replace 340+ Laptop and iPad Classroom Carts. This project impacts 9,111 students.	<ul style="list-style-type: none"> <li>• Mobile devices are integrated into lessons and provide students with the latest information for learning</li> <li>• Enhance communication and collaboration in the classroom between peers and with the teacher</li> <li>• Having mobile devices in the classroom helps prepare students for the technology-rich 21st century</li> <li>• These devices, which are used daily by students, are reaching the end of their life cycle</li> </ul>	\$6,929,500.00

Project No.	Project Name	*Priority	Category	Scope of Work	Goals of the Project / Justification	Budget
25	<b>Computer Lab and Library Technology Replacement</b>	1	Educational Technology	Replace 3,100+ Desktop Computers in the Computer Labs at all of the schools. Replace Technology in Libraries at all schools. This would include, but not be limited to, Desktops, Laptops, iPads, Scanners, and Headphones. This project impacts all 23,861 students.	<ul style="list-style-type: none"> <li>Students and teachers utilize technology computer labs and libraries in diverse ways</li> <li>Research, remediation, and technology instruction are just a few ways that students utilize these spaces</li> <li>Teachers utilize these areas for meetings and professional growth</li> <li>The library and its technology is the "brain" of the school</li> <li>Provides students a quiet place to learn and do research</li> <li>These computer labs are required for online testing and classes such as Technology Applications, Business Information Management, Computer Science and several CTE\STEM classes</li> </ul>	\$6,896,247.00
26	<b>Parking Lot/Drive Expansion &amp; Site Drainage Enhancement</b>	1	Renovations & Replacements	Project will expand existing parking lots and expand queuing lanes. Project will address site drainage issues such as ponding, water infiltration, and lack of storm drain systems at: Baytown JS, Gentry JS, and Hopper PS	<ul style="list-style-type: none"> <li>Project will alleviate traffic congestion along campus entries and accommodate additional parking stalls</li> </ul>	\$2,400,000.00
27	<b>Roof Repair &amp; Replacement</b>	1	Renovations & Replacements	Project will repair/replace roofs that are at the end of their life expectancy, and reseal skylights at: Austin ES, Hopper PS, Baytown JS, Gentry JS, Sterling HS, and Administration Building, and district-wide.	<ul style="list-style-type: none"> <li>New roofs will improve the building envelope of the schools to keep the inside of the schools dry &amp; safe from a wet environment</li> <li>The new roofs and repairs will extend warranties and reduce maintenance time and manpower</li> </ul>	\$12,200,000.00
28	<b>BAS Upgrade</b>	2	Renovations & Replacements	Project will upgrade the outdated BAS at: Sterling HS (East Annex & Voc. Bldg.), GCM HS, Baytown JS, Cedar Bayou JS (Main Bldg.), Highlands JS, Mann JS, Hopper PS, and Administration Building	<ul style="list-style-type: none"> <li>The Building Automation System remotely controls a building's HVAC systems, lighting, and other systems, and is at the end of its life expectancy</li> <li>Parts are no longer available for the system in the United States and the only source available is only for used parts</li> <li>The old energy controls system needs to be replaced throughout the district to control the air and heat</li> <li>This will improve the comfort of students/staff, and reduced maintenance time and manpower</li> </ul>	\$9,100,000.00
29	<b>Stuart Career Tech HS Phase 4</b>	2	New Facilities	Project will expand the campus square footage by adding a two-level 45,000 sf building that will host two new academies: Audio Visual and Information Technology.	<ul style="list-style-type: none"> <li>Phase 4 will increase student capacity from 650 (Phase 3) to 900 students, for occupancy by Fall 2022</li> <li>Project will provide academic classrooms to convert the final two programs at SCC to full-day programs and end the time-consuming transporting of students during the school day</li> <li>The administration offices will be re-located centrally on the campus (as opposed to being at the far west side facing the end of the road) to modernize office space, and to mirror other high school administration offices</li> <li>providing a more secure campus</li> </ul>	\$17,000,000.00
30	<b>White Fleet - PD</b>	1	Safety & Security	Project will purchase replacement and new police/security vehicles to accommodate expanded department.	<ul style="list-style-type: none"> <li>Project will accommodate the growth of the department and assign each Junior School and High School with a vehicle to respond to emergencies and for proactive crime deterrent visibility to meet campus safety needs</li> </ul>	\$600,000.00
31	<b>Network Infrastructure Replacement Phase 1</b>	2	Technology Infrastructure	Replace 2,500+ Wireless Network Access Points at all of the schools and non-instructional facilities. Replace 164 UPS (Uninterruptible Power Supplies) that power and protect the district's network infrastructure. This project impacts all 23,861 students.	<ul style="list-style-type: none"> <li>The wireless access points are utilizing older technology and will not support the latest wireless standards that are being demanded by today's educational needs</li> <li>The wireless network needs to be upgraded in three years to support the latest wireless technology standard and the additional devices in this project</li> <li>The UPS are five years old and warranties on these devices are ending</li> <li>The batteries are reaching their five year life expectancy and need to be replaced</li> <li>These UPS are critical in protecting the network hardware from electrical damage</li> </ul>	\$3,789,700.00

\* Priority 1 = Immediate Need of 1 to 3 yrs. / Priority 2 = Potentially Critical in 3 to 5 yrs. / Priority 3 = Necessary, but not yet critical in 5 to 10 yrs.