November 12, 2021

Summary

SUS Deferred Maintenance**

Over and above items reflected on the list provided to the EOG/OPB on 8/5/21

University	Projects # of Projects	Projects Defrd Maintenance
FAMU	95	**$87,899,700**
FAU	90	**$95,622,000**
FGCU	5	**$4,595,700**
FIU	512	**$142,734,572**
FSU	13	**$132,750,000**
NCF	21	**$17,042,783**
UCF	71	**$64,688,151**
UF	1,137	**$974,822,837**
UNF	23	**$11,275,000**
USF	184	**$295,587,000**
UWF	18	**$54,718,280**
FPU*	--	**--**
SUS Total	2,169	**$1,881,736,022**

December 5, 2021

Summary (revised)

SUS Deferred Maintenance & Deferred Capital Replacement **

Also reflects (seperately) items on the list provided to the EOG/OPB on 8/5/21

University	Projects # of Projects	Revised Defrd Maint. & Defrd Capital Replacement	Items submitted to Gov Office in August	Total ($)	Total (%)	Total 10-year Projected Capital Needs	($) Avg. / Year
FAMU	95	$87,899,700	$11,785,000	**$99,684,700**	**5.9%**	$283,802,569	$28,380,257
FAU	90	$95,622,000	$16,966,990	**$112,588,990**	**6.7%**	$123,344,000	$12,334,400
FGCU	5	$4,595,700	$1,100,000	**$5,695,700**	**0.3%**	$8,848,820	$884,882
FIU	512	$142,734,572	$21,063,496	**$163,798,068**	**9.8%**	$265,500,000	$26,550,000
FSU	67	$285,400,000	$74,475,000	**$359,875,000**	**21.4%**	$382,274,060	$38,227,406
NCF	21	$17,042,783	$7,620,997	**$24,663,780**	**1.5%**	$11,993,694	$1,199,369
UCF	71	$68,200,000	$47,930,000	**$116,130,000**	**6.9%**	$282,200,000	$28,220,000
UF	375	$479,785,875	$111,600,000	**$591,385,875**	**35.2%**	$486,786,963	$48,678,696
UNF	23	$11,275,000	$11,300,000	**$22,575,000**	**1.3%**	$122,400,000	$12,240,000
USF	184	$100,443,777	$21,280,000	**$121,723,777**	**7.3%**	$194,855,011	$19,485,501
UWF	18	$54,718,280	$5,883,000	**$60,601,280**	**3.6%**	$92,000,000	$9,200,000
FPU*	--	--	--	**--**	**--**	$4,500,000	$450,000
SUS Total	1,461	$1,347,717,686	$331,004,483	**$1,678,722,169**	**100.0%**	$2,254,005,117	$225,400,512

* Florida Poly is not reporting any deferred maintenance at this juncture.

** Project data/lists provided by the subject univeristies. Items historically referred to as "Deferred Maintenance" include projects more appropriately categorized as Deferred Capital Replacement or major renovation/remodeling.

FLORIDA AGRICULTURAL & MECHANICAL UNIVERSITY

Contact Name: Chris Hessel

Contact Phone & Email: (715) 379-0909 chris.hessel@famu.edu

Deferred Maintenance on E&G Facilities
(over and above those cited on the 8/2/21 list pursuant to EOG Memo #21-034A)

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	SBI South (006) HVAC and Mechanical Upgrades	$ 560,000	HVAC and Mechanical Upgrade: The facility utilizes several air handling units (AHUs) to provide tempered air. The AHUs are equipped with chilled water coils and hot water coils. A return fan serves the AHU in the penthouse. Fan coil units (FCUs) are present in select offices or common rooms. A few FCUs have been replaced in the last ten years. The distribution equipment consists of metal ductwork and HVAC piping. The controls are a hybrid configuration that utilizes pneumatic and digital inputs. Control air is provided by a local compressor. The controls are believed to have been partially upgraded in 2011. The HVAC equipment serving the facility is aged and needs replacing.	
2	SBI South (006) Upgrade and Replace Windows	$ 1,400,000	Most of the windows are double-pane glass in metal frames. Some of the windows are operable. The windows are generally in good condition, but are expected to reach the end of their normal service lives during the timeframe covered by this report and should be replaced. At the main entrance is a curved glass curtain wall that extends from the first floor to the second floor. It is recommended that the main entrance be overhauled and the windows be replaced.	
3	SBI South (006) Electrical	$ 980,000	The interior lighting scheme consists mostly of lay-in fixtures that contain acrylic lens, parabolic lens, or no lens. This equipment is lamped with T8 or T12 fluorescent bulbs. The lighting appears to be a combination of original and replaced equipment. Some of the fixtures are believed to contain upgraded ballasts. All the interior lighting has or will reach lifecycle depletion over the scope of this report and should be replaced.	
4	SBI South (006) Restroom/Doorway/Stairway Upgrades	$ 462,000	The restrooms are not fully compliant with ADA guidelines. They lack full-size accessible toilet stalls and should be remodeled to provide them. This will require modification of the toilet partitions. The secondary restrooms on the fourth floor have non-accessible showers. The shower stalls should be replaced with accessible shower stalls. Present legislation regarding building accessibility requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a four-inch diameter sphere (six inches in the triangle formed by the lower rail and tread/riser angle). The west, north, and east stairs have handrails that are not graspable. Most of the interior doors are equipped with knob hardware. The knob actuated door hardware presents a barrier to accessibility. It is recommended that lever-handle door hardware be installed on all doors that currently have knobs. In addition, the signage to the permanent spaces is non-compliant. The upgrades are to update the fixtures to ADA compliance.	
5	SBI South (006) HVAC	$ 2,380,000	This facility is on the campus chilled water loop and steam loop. Chilled water is utilized as the cooling media. Steam is supplied through a pressure reducing valve (PRV) to provide low pressure steam. The steam is then supplied to a heat exchanger to produce heating hot water. A condensate receiver supports the heating system. Pump equipment is present to circulate the chilled water and heating hot water. An expansion tank is present to support this system. The HVAC equipment was installed in 1982, except the PRV which was replaced in 2015. The original equipment is aged and is recommended for replacement in the next ten years.	
6	SBI South (006) Exterior	$ 1,120,000	Most of the windows are double-pane glass in metal frames. Some of the windows are operable. The windows are generally in good condition, but are expected to reach the end of their normal service lives during the timeframe covered by this report and should be replaced. At the main entrance is a curved glass curtain wall that extends from the first floor to the second floor. It is recommended to replace the aging exterior components.	
7	SBI South (006) Electrical	$ 980,000	Power is supplied to the facility via underground utilities. An oil filled transformer receives the power and steps it down to 480/277 volts. This transformer has a capacity rating of 500 kVA. A main Square D switchboard with a 2000 amp rating is then energized for distribution within the facility. The main electrical equipment was installed when the facility was constructed and appears in adequate condition. However, it will reach lifecycle depletion over the scope of this report. The exterior lighting scheme consists of wall-mounted HID fixtures and wall-mounted can-type fixtures. Additional lighting is provided by pole-mounted fixtures on site. The exterior lighting appears to have been installed at various times. Due to predicable wear, replacement of the original exterior lighting equipment is recommended.	
8	SBI South (006) Accessibility	$ 462,000	The interior path of travel is generally free of obstructions. The elevators provide access to all floors and are equipped with accessible controls and hands-free phones. However, elevation changes at the entrance to room 333A are not easily navigable in a wheelchair. It is recommended that a ramp with associated compliant handrails be installed at this location. The restrooms are not fully compliant with ADA guidelines. They lack full-size accessible toilet stalls and should be remodeled to provide them. This will require modification of the toilet partitions. The secondary restrooms on the fourth floor have non-accessible showers. The shower stalls should be replaced with accessible shower stalls.	
9	SBI East (050) Accessibility	$ 168,000	The building entrances are at grade and the entry doors have accessible hardware. No barriers to entry were noted. However, the sloped sidewalk from the east parking lot to the south entrance has handrails only on one side and the sidewalk to the north entrance does not have any handrails. To comply with the intent of accessibility legislation, it is recommended that compliant handrails be installed on both sides of the ramps as required.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
10	SBI East (050) Exterior	$ 187,600	The building has a flat roof with a modified bitumen roofing membrane. Although it is in good condition, it is expected to reach the end of its normal service life in the next ten years and may need to be considered for replacement. The main lobby entrance doors are glass in metal frames. These doors are expected to reach the end of their normal service life during the evaluation period and will probably need to be replaced.	
11	SBI East (050) Interior	$ 518,000	Most of the offices and classrooms and some of the hallways have carpeted floors. The first floor lobby floors are covered with vinyl tile while the third and fourth floor lobbies have laminate flooring. The restroom floors and the second floor lobby are covered with ceramic tile. The carpeting varies in type and age and may need to be considered for replacement in the next five years.	
12	SBI East (050) HVAC	$ 280,000	Cooling is provided by a Carrier air-cooled chiller on the site that has a cooling capacity of 120 tons and was installed in 2007. This facility is on the campus steam loop which is supplied through pressure reducing valves (PRVs) to provide low pressure steam. A heat exchanger then produces heating hot water. A condensate receiver and expansion tank support the heating system. Pumps circulate the chilled and heating hot water. The HVAC equipment was installed at various times and appears to be in good condition. It should be anticipated that most of this equipment will reach the end of its service life within the scope of this report. Replacement should be considered as that time has long since passed.	
13	SBI East (050) Electrical	$ 630,000	The interior lighting scheme consists of lay-in, surface-mount, and suspended fixtures with acrylic and mesh screen lenses. The fixtures are lamped with T8 fluorescents bulbs and occupancy sensors in select rooms conserve energy. The lighting scheme is believed to be original and contains upgraded ballasts. The lighting scheme is in good condition but should be upgraded at the next opportunity due to age.	
14	SBI East (050) Fire Life Safety	$ 245,000	This facility does not have rated doors and frames between the lobby and corridors as required by modern building code. Complete demolition of the existing door systems and replacement according to a code compliant plan to protect egress passages are recommended. The facility has a Simplex automatic fire alarm system with the model 4002 main addressable panel on the second floor. The system has smoke detectors and pull stations for activation and audible/visual strobes for notification. The system was installed in 1995 and appears to be in good condition. However, it has reached the end of its normal lifecycle and should be considered for replacement.	
15	Journalism (040) Roof Replacement	$ 910,000	The building has a flat roof with a modified bitumen roofing membrane. The roof is showing signs of premature aging, including extensive wear of the granular cap sheet, large patched areas, and damaged parapet wall flashing. Based on its condition, replacement may be needed soon.	
16	Journalism (040) Electrical Upgrade	$ 1,400,000	The interior lighting consists of lay-in and suspended fixtures with acrylic and mesh screen lenses. The fixtures are lamped with T8 fluorescents bulbs. Additional lighting is provided by can-type fixtures and spot lights. The lighting scheme appears to be in good condition but will reach the end of its service life toward the end of the next ten years and needs to be considered for replacement.	
17	Foster-Tanner Music (068) Fire Alarm System	$ 210,000	The facility has a Game well addressable fire alarm system with the main panel in the corridor of the first floor. The system incorporates pull stations and smoke detectors for activation and audible/visual strobes provide notification in an emergency. The system is believed to have been installed in 1996 and is in adequate condition. Based on its age, it has reached the end of its service life and may need to be considered for upgrade.	
18	Foster-Tanner Music (068) Electrical System	$ 231,000	The main switchboard and transformer were replaced in 1996 and have remaining service life. The secondary switchboard is original and has reached the end of its service life. The secondary electrical distribution system consists of panel boards throughout the facility that distribute power at 480/277 or 120/208 volts. Circuits are energized for mechanical, lighting, and general purpose loads. The system was upgraded in 1996 to include new wiring and panel boards. The original equipment is past its suggested lifespan and the replacement wiring and panel boards are nearing the end of their lifespan and should be replaced.	
19	Foster-Tanner Music (068) Electrical Switchgear	$ 455,000	Electrical switchgear upgrade to a medium voltage switch behind Foster Tanner. This is an older type of switch of which no one can do any maintenance on it anymore due to the older parts and the older design of its construction. It has suffered some wear which may make it unsuitable for safe operation without re-filling the surge-arresting gas that it requires to prevent an arc flash, SF6. This is a potential life safety issue in an emergency as this switch acts as a junction between several medium-voltage lines and supplies power to a nearby building, Foster Tanner Music. This switch should be replaced with a more modern switchgear with modern safety features.	
20	Foster-Tanner Music (068) HVAC	$ 1,400,000	Four York indoor air handling units (AHUs) installed in 1996 provide tempered air to the facility and have both hot and chilled water coils. Distribution equipment consists of metal ductwork with variable air volume (VAV) boxes. The controls may need a partial upgrade within the next ten years. Rooms 202, 302, and 400 have portable AC units that provide additional cooling for IT equipment. It is recommended that ductless split systems be installed to properly cool these rooms. Replacement of the centrifugal fans is recommended.	
21	Foster-Tanner Ceramics (069) Electrical Upgrade	$ 476,000	Interior lighting is provided by lay-in and suspended fixtures with acrylic and mesh screen lenses and T8 fluorescent bulbs. Additional lighting is provided by can-type fixtures that are believed to be lamped with compact fluorescent bulbs. The lighting is believed to have been replaced in 1996 and is in adequate condition. However, the system has reached end of its service life and should be replaced. Exterior lighting varies in age and consists of wall-mounted and eave-mounted non-HID fixtures and pole-mounted fixtures on the site. Due to predicable wear, the replacement of some of the fixtures is recommended.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
22	Foster-Tanner Ceramics (069) Accessibility	$ 406,000	The main entrance is at-grade, and the entry doors have accessible hardware. However, the handrails at the north exterior stairs are not continuous and do not extend past the top and bottom steps. ADA legislation requires that stairs have graspable handrails on both sides, that the rails have a specific end geometry, and that the handrails continue horizontally at the landings. In addition, guardrails must prevent the passage of a four inch diameter sphere (six inches in the triangle formed by the lower rail and tread/riser angle). Future renovation efforts should include comprehensive stair railing upgrades. Current accessibility legislation requires wheelchair access to all floors in a building over two stories in height. There is no wheelchair access to the ground floor. The installation of an interior hydraulic elevator is recommended to comply with ADA standards.	
23	Foster-Tanner Band (073) Exterior	$ 546,000	The roof is a flat, modified bitumen membrane. The granular cap sheet is showing signs of wear, and the metal coping on the parapet walls has screws penetrating through the metal. Based on the age and condition of the roof, replacement will likely be needed during the next ten-year period. The metal coping should also be replaced at the same time. The exterior walls are brick or stucco. The brick is in good condition, and no work should be needed in the next ten years. The stucco is in good to fair condition, with some discoloration evident on the south mechanical room walls. Also, a large crack has formed in the top of the stucco-covered masonry wall at the service drive entrance. Based on the condition of the stucco and the cracked wall, restoration will be needed soon.	
24	Foster-Tanner Band (073) Fire & Life Safety	$ 394,800	There is no roof access. Install a new ladder, cage, and platform to promote user safety and limit liability. The panel for the Gamewell automatic fire alarm system is installed in the first floor corridor. The system is believed to be original and includes smoke detectors and pull stations for activation and audible/visible strobes for notification. Based on age, it has reached the end of its service life and needs to be replaced. Fire suppression is provided by manual, chemical-type fire extinguishers located in select areas. While this may have been an adequate application when the facility was constructed, it is recommended that an automatic sprinkler system be installed to reduce overall liability for the university.	
25	Foster-Tanner Band (073) Electrical Upgrades	$ 364,000	Interior lighting consists of surface-mounted, lay-in, and suspended fixtures with acrylic and parabolic lenses and T8 fluorescents bulbs. Additional lighting is provided by some can-type fixtures believed to contain compact fluorescent bulbs. The lighting is believed to be original and is recommended for lifecycle replacement. Exterior lighting consists of recessed of wall-mounted HID fixtures, eave-mounted non-HID fixtures, and pole-mounted fixtures on the site. Although the inspection was performed during daylight, coverage appears to be adequate. Based on predicable wear, some of the fixtures will require replacement within the next ten years.	
26	Foster-Tanner Band (073) Interior	$ 292,600	Most of the flooring is carpet or vinyl tile and is generally in good to fair condition. However, due to age and expected wear, these finishes will likely need replacement within the next ten years. Ceilings are mostly painted hard surfaces or suspended grid, lay-in acoustical tile. A large portion of the high ceiling over the band practice room is unfinished. Due to age and normal wear, the painted ceilings will need to be repainted within the next ten years.	
27	Southern Electrical Substation (168) Electrical Feeder	$ 1,400,000	Electrical feeder upgrade to the campus South Electrical substation to allow redundancy in an emergency power situation on campus. Our campus is currently carried by a single substation from the city. If this substation were to ever suffer problems or deficiencies in an emergency, then it follows that FAMU and all its emergency systems would have power issues along with it. Design work has been completed on an upgrade which would allow the substation to be powered from an alternate source in an emergency scenario. This upgrade is recommended for redundancy.	
28	Science Research Center (056) Roof Replacement	$ 409,500	This roof has reached the end of it's life cycle and is in need of major repair and/or replacement to mitigate the existing leaks within the internal spaces of the building.	
29	Foote-Hilyer Admin Center (054) Fire Sprinkler	$ 1,379,000	A small portion of the facility has an automatic sprinkler system while the remainder of the facility uses fire hose cabinets. Additional fire suppression is provided by manual chemical type fire extinguishers in select areas. The automatic sprinkler system is in good condition and it is recommended that it be extended to cover the remaining portion of the facility. This will reduce overall liability for the university.	
30	Foote-Hilyer Admin Center (054) Roof/Gutter Replacement	$ 973,000	The building has a combination of flat and sloped roofs. The sloped roofs are covered with slate tile that is in fair condition, with some broken and chipped tiles and areas of discoloration. Drainage from the sloped roofs is collected by copper gutters with internal drainpipes. The flat roofs are covered with a gravel-surfaced, built-up roofing system that has extensive areas that have been repaired. Based on the age and condition of the roofs, replacement should be considered during the evaluation period. The brick exterior wall finish is structurally sound, but weathered and discolored in places. Restore the masonry finishes by pressure washing the exterior and repointing mortar joints as needed.	
31	Foote-Hilyer Admin Center (054) Exterior Waterproofing	$ 322,000	The brick exterior wall finish is structurally sound, but weathered and discolored in places. Restore the masonry finishes by pressure washing the exterior and repointing mortar joints and waterproofing exterior wall in specific areas.	
32	Foote-Hilyer Admin Center (054) HVAC	$ 3,500,000	The facility is on the campus chilled water loop which is used as the cooling medium. Heating comfort is provided by heating hot water produced by two local gas-fired boilers. The Camus boilers were installed in 2013 and have heating capacities of 1,600 or 2,000 MBH. Pumps circulate the heating hot water and chilled water. Antiquated expansion tanks may support the heating system. This HVAC equipment was installed at various times and some are showing signs of age including the expansion tanks and some of the pumps. Replacement of these items is recommended.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
33	Foote-Hilyer Admin Center (054) Electrical	$ 3,500,000	The electrical distribution system consists of panel boards, a motor control center (MCC), and dry-type transformers. Power is supplied at 480/277 volts from select panel boards and the MCC or dry-type transformers step power down to 120/208 volts. Additional panel boards distribute the lower voltage power. Circuits are then energized for mechanical, lighting, and general purpose loads. The distribution system is in adequate condition and is believed to date to 1977. The motor control center should be replaced at the next opportunity while the remainder of the system will reach the end of its normal service life toward the end of the next ten years and should be considered for low priority replacement at that time.	
34	Jackson Davis Hall (002) HVAC and Mechanical	$ 448,000	The facility is on the campus chilled water loop and steam loop. Chilled water is circulated as the cooling media. Steam is reduced for consumption by a pressure reducing valve (PRV) and then supplied to a heat exchanger that produces heating hot water. Pump equipment is then utilized to circulate the chilled water and heating hot water. An expansion tank and a duplex condensate receiver returns condensate to the utility plant. Most of the HVAC equipment was installed in 1992, except two pumps that were replaced in 2012. The equipment installed in 1992 has or will reach the end of its service life over the next ten years and should be replaced. This equipment was installed in 1992 and is showing signs of age and replacement is recommended.	
35	Jackson Davis Hall (002) Fire Alarm Upgrades	$ 112,000	The facility is served by an addressable Silent Knight fire alarm system. The main panel is in the corridor on the second floor. The system incorporates pull stations and smoke detectors for activation and audible/visual strobes for notification. The fire alarm system is believed to have been installed in 2001 and appears in adequate condition. However, the system will reach end of its service life over the scope of this report and should be replaced.	
36	Jackson Davis Hall (002) Exterior	$ 420,000	The building has a sloped roof covered with asphalt shingles. The roof could not be directly observed. Some roof leaks have been reported. Based on the estimated age of the roof, replacement will be needed during the next ten years. The gutters and downspouts should be replaced or repaired at the same time. The exterior walls are mainly brick with wood siding on the fourth floor gables. The brick exterior is in good condition, with some discoloration and isolated areas of deteriorating mortar joints. Restoration of the exterior masonry finishes is needed.	
37	Jackson Davis Hall (002) Electrical	$ 224,000	A variable frequency drive (VFD) service an AHU to control motor speed and torque by varying the motor input frequency and voltage in order to conserve energy. The VFD was installed in 2011 and appears in good condition. However, it will reach lifecycle depletion over the next ten years and should be replaced.	
38	B.L Perry (067) Fire Alarm Upgrades	$ 294,000	The facility has a Simplex automatic fire alarm system with the model 4020 main addressable panel on the second floor. The system has smoke detectors and pull stations for activation and audible/visual Facility Condition Assessment Benjamin L. Perry General Classroom Asset Overview Asset 067 1.2.3 strobes for notification. The system is believed to have been installed in 1997 and, based on age, has reached the end of its service life.	
39	Ware Rhaney (009) HVAC Air Handler / Building Automation System (BAS)	$ 980,000	The facility incorporates several indoor air handling units (AHUs) and an exterior AHU to provide tempered air throughout the facility. The equipment utilizes chilled water coils and hot water coils. The distribution equipment consists of metal ductwork that houses VAV boxes. The controls are a hybrid configuration with pneumatic and digital inputs that were upgraded by Siemens. A local compressor provides control air. The HVAC equipment was installed in each wing during its original construction. Except for the AHU in room 1 and the distribution equipment, the equipment is past or will reach its expected service life in the next ten years and should be replaced or upgraded. Newer controls will require a partial upgrade over the next ten years.	
40	University Commons (003) Building Automation System (BAS)	$ 189,000	Several McQuay air handling units (AHU) and fan coil units (FCU) provide tempered air. They have chilled water coils and hot water coils. Distribution equipment consists of metal ductwork believed to contain variable air volume boxes. The controls are a Honeywell digital system. These controls associated with the Building Automation System (BAS) requires a partial controls upgrade in order to get full control and balance the cooling/heating of the interior spaces throughout the building.	
41	Gaither Gymnasium (021) Air Handler Duct and Insulation Repair	$ 182,000	The facility incorporates three outdoor Carrier air handling units (AHUs) to provide tempered air. This equipment was installed in 2006. The AHUs contain chilled water coils and hot water coils. The system is operated by digital internal controls. Built in variable frequency drives control motor speed. Distribution equipment consists of metal ductwork. Two original fan coils were observed on the first floor, and their operation was not determined. Maintenance personnel stated one AHU was not in operation and should be repaired. The HVAC system seems to be an adequate application for the facility.	
42	Gaither Gymnasium (021) Exterior Upgrades	$ 798,000	The building has exterior brick walls with painted exposed concrete columns and beams. Corrugated metal panels are located at the top of the exterior walls at the roofline. The painted concrete is in fair condition, with some peeling paint that will need to be repainted. The metal panels are discolored and will need to be replaced or refinished during the scope of this report. The exterior stairs on the north and south sides have painted metal stringers and concrete treads. The metal structure is rusting and needs to be cleaned and painted.	
43	Gaither Gymnasium (021) Accessibility	$ 504,000	Current legislation related to accessibility requires that pathways to building entrances be accessible. Two of the three entry stoops on the west side do not have wheelchair ramps. The one ramp lacks handrails, and the entry steps have no handrails. To comply with the intent of this legislation, it is recommended that wheelchair ramps be installed at the entrance stoops. This work should include the installation of compliant handrails at all entrances as required.	
44	Lewis-Beck (009A) HVAC Building Automation System (BAS) Upgrade	$ 315,000	The existing HVAC control system along with the hot water and chilled water control valves are at the end of there useful life and needs to be upgraded.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
45	B.L Perry (067) Roof Replacement	$ 525,000	The building has a flat, modified bitumen roof and the granular cap sheet is showing signs of wear. Based on its age, replacement will be needed in the next five years.	
46	Gaither Office and Classroom (022) Building Automation System	$ 1,330,000	A main air handling unit (AHU) on the second floor provides tempered air. The AHU utilizes a hot and chilled water coil. Distribution equipment consists of metal ductwork and the controls are believed to be a hybrid configuration with pneumatic and digital inputs. A local compressor provides control air. Two Trane package water chillers provide cooling for the AHU. The HVAC equipment is aged and showing signs of deterioration. Replacement is recommended. The facility also has two rooftop package units that provide heating and cooling for select areas of the facility. The Carrier unit was recently installed and appears to be in excellent condition. It will reach the end of its normal lifecycle at the end of the next ten years and may need to be considered for replacement on a low priority basis. The Trane unit was installed in 1999 and, while it is in adequate condition, it has reached the end of its service life and should be replaced.	
47	Old POM Transition Center (104) Roof Replacement	$ 196,000	This roof has reached the end of it's life cycle and is in need of major repair and/or replacement to mitigate the existing leaks within the internal spaces of the building.	
48	SBI North and West (036) Building Automation System (BAS) Upgrade	$ 280,000	Several air handling units (AHU) equipped with chilled water coils and hot water coils provide tempered air. Distribution equipment consists of metal ductwork and HVAC piping. Controls are a Siemens digital system. However, the controls will reach lifecycle depletion within the next few years and should be replaced.	
49	Paige (561) HVAC	$ 1,162,000	Heating hot water is provided from an adjacent facility for heating comfort. The facility is on the campus chilled water loop which is utilized for the cooling media. Additionally, an air-cooled chiller serves a portion of the ground floor. Pumps in the building and on the site circulate the chilled water. These units were installed in 2009 and the indoor pumps appear to be in excellent condition. The outside pump has deteriorated and is recommended for replacement.	
50	Paige (561) Exterior Upgrades	$ 840,000	The building has a flat roof with a modified bitumen roofing membrane. The roof is generally in fair condition, with some deterioration of the granular cap sheet. Roof drainage is provided by interior roof drains that are in poor condition. Based on the age and condition of the roofing systems, replacement will probably be needed in the next five years. Roof drain repair is included in the cost of the roof replacement. The exterior walls are a combination of brick and glass storefront windows with painted masonry block below the window bands. The brick is structurally sound, but weathered and discolored in some areas. Restore the exterior masonry finishes including pressure washing and repointing mortar joints as needed. The painted block beneath the window bands is also discolored and needs to be cleaned and painted.	
51	Perry (562) Exterior Upgrades	$ 5,320,000	The building has a flat roof with a modified bitumen roofing membrane. The high walls around the old chiller yard are covered with an EPDM membrane. The roofing system is generally in fair condition, with some deterioration of the granular cap sheet and evidence of past repairs. Based on the age and condition of the roofing systems, replacement will probably be needed within the next five years. The exterior walls are a combination of brick and a curtain wall system that includes single-pane glass and opaque panels in an aluminum frame. The brick exterior wall finish is structurally sound, but weathered and discolored is some areas. Pressure wash the exterior and repoint the mortar joints as needed. The main entrance at the connector to Paige has a glass storefront system of similar construction to the curtain wall. The building has a few individual windows with single-pane glass in metal frames. The curtain wall, storefront, and window systems are original and beyond their normal service life. Replace these systems with more energy efficient units with double-pane insulating glass.	
52	Perry (562) HVAC Upgrades	$ 3,920,000	The facility is on the campus chilled water loop which is circulated as the cooling media. Heating hot water is provided by a local Camus boiler installed in 2013. A second Camus boiler was not operable and should be replaced. Pumps circulate the heating and chilled water. The pumps were installed at various times and some will reach the end of their service life within the next ten years.	
53	Perry (562) Plumbing Upgrades	$ 2,100,000	Domestic water is supplied through a copper piping network. Drain piping is cast iron with hub-and spigot connections. There is some new piping where small renovations have occurred. The piping systems are generally considered to be original and have reached the end of their service life. A backflow preventer on the water systems prevents cross contamination. Based on industry standards, the backflow preventer should be considered for replacement within the next ten years. The restrooms have standard plumbing fixtures, including wall-hung and counter-mounted lavatories, wall-mounted urinals, and tankless water closets. The custodial closets have utility sinks that are original. The backstage dressing rooms have wall-mounted sinks. The plumbing fixtures are in fair condition, but most are approaching the end of their normal service life and will probably need to be replaced during next five to ten years.	
54	Perry (562) Fire System Upgrades	$ 1,316,000	The building has adequate, safe egress paths and no additional exits are proposed. Exit pathways are marked with lighted exit signs. Emergency lighting is provided by select overhead light fixtures tied to the emergency power network. This appear to be an adequate application for this facility. The facility is served by a Pyrotronics automatic fire alarm system with the main panel in room 011. The system contains smoke detectors and pull stations for activation and audible/visual strobes for notification. The system is believed to have been installed in 1989 and although there seem to be some new devices, the system as a whole appears to be aged. Replacement of the system may need to be considered soon.	
55	Perry (562) Electrical Upgrades	$ 812,000	The exterior lighting consists of eave-mounted non-HID fixtures and wall-mounted HID fixtures. Additional lighting is provided by pole-mounted fixtures on the surrounding site. Although the inspection was performed during daylight, the fixtures appear to provide adequate coverage and are in average condition. However, some are in disrepair and replacement of these fixtures is recommended within the scope of this report.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
56	Multi-Purpose Teaching Gym (415) Interior	$ 686,000	The interior ceilings are either painted hard surfaces or suspended grid systems with lay-in acoustical tile. The ceiling finishes are in good condition and should not need restoration during the evaluation period. The interior walls are painted and in good condition. However, due to normal wear they will probably need to be repainted on a cyclical basis over the next five years. The offices and the corridor on the fourth floor are carpeted and the main concourse floor, permanent seating area, and the concession rooms have painted concrete floors. Due to normal wear, the carpeting will probably need to be replaced and the concrete should be resealed in the next five years.	
57	Multi-Purpose Teaching Gym (415) Fire Safety Upgrades	$ 728,000	The facility has a Simplex automatic fire alarm system with the model 4100U main addressable panel in room 105. The system contains smoke detectors and pull stations for activation and audible/visual strobes for notification in an emergency. The fire alarm system was placed into service in 2009 and appears to be in excellent condition. However, the system will reach the end of its normal service life toward the end of the next ten years and should be considered for replacement on a low priority basis.	
58	Multi-Purpose Teaching Gym (415) HVAC	$ 224,000	The facility utilizes several air handling units (AHUs) to provide tempered air. The AHUs are equipped with chilled and hot water coils. Distribution equipment consists of metal ductwork that contains variable air volume (VAV) boxes and HVAC piping. Controls are a Siemens digital application. The HVAC equipment appears to be an adequate application and is in excellent condition. However, the controls may need to be considered for a partial upgrade over the next ten years.	
59	Multi-Purpose Teaching Gym (415) VFD Electrical	$ 187,600	Variable frequency drives (VFDs) control motor speeds and torque by varying the motor input frequencies and voltage in order to conserve energy. The units have service to the AHUs, exhaust fans, and pumps. They appear to be in good condition but replacement for some should be scheduled within the next ten years.	
60	Fred S. Humphries Science Research Fac (056) Interior Upgrades	$ 3,500,000	Floor finishes include carpeting, vinyl tile, sheet vinyl, ceramic tile, and epoxy coatings. The carpeting varies in type (sheet carpet and carpet squares), age, and condition. The vinyl tile is found in corridors, some offices, and some workrooms. Both the carpet and vinyl tile should be considered for replacement due to age and normal wear. Most of the labs have welded-seam sheet vinyl flooring that is failing and needs to be replaced with a higher-quality welded-seam resilient floor covering. Ceilings include painted hard surfaces and suspended grid systems with lay-in acoustical tiles. Most of the interior walls are painted. The suspended system in the loading dock should be considered for replacement.	
61	Fred S. Humphries Science Research Fac (056) Exterior Upgrades	$ 840,000	Flashing runs over the top of the parapet walls, but is not protected by coping. Add metal coping to the parapet walls when the roof is replaced. The lower roof over the animal wing has a ballasted EPDM roofing membrane. It is at the end of its normal service life and should be considered for near-term replacement.	
62	Ware-Rhaney (009) HVAC	$ 2,240,000	The building is on the campus chilled water loop. Chilled water is utilized for cooling comfort. The building is also the campus steam loop. Steam is supplied through pressure reducing valves (PRV) to reduce steam pressure for consumption. The steam is then supplied to a heat exchanger that produces heating hot water. A condensate return system supports the heating equipment. Pump equipment is then utilized for circulation of the chilled water and heating hot water. The HVAC equipment is believed to have been installed in 2003 and appears in adequate condition. However, the PRVs will reach end of life over the scope of this report.	
63	Ware-Rhaney (009) Interior	$ 1,246,000	Ceiling finishes include painted hard surfaces and suspended grid systems with lay-in acoustic tile. The ceiling finishes are generally in good condition. Due to normal wear, all the painted ceilings may need to be repainted within the purview of this report. The suspended ceilings in the west building are expected to reach the end of their normal service lives during the scope of this report and may need replacement.	
64	Ware-Rhaney (009) Accessibility	$ 228,200	Most of the doors in the west building are equipped with knob hardware. The knob actuated door hardware presents a barrier to accessibility. Accessibility legislation requires that door hardware be designed for operation by people with little or no ability to grasp objects with their hands. To comply with the intent of this legislation, it is recommended that lever-handle door hardware be installed on all doors that currently have knobs. In addition, the signage to the permanent spaces is non-compliant. It is recommended that all non-compliant signage be upgraded to conform to appropriate accessibility standards. Compliant signage should meet specific size, graphical, Braille, height, and location requirements. This scope includes all directional signage.	
65	Ware-Rhaney (009) Electrical	$ 1,302,000	Power is supplied to the facility via underground utilities. A 1,500 kVA, oil-filled transformer receives the power and steps it down to 480/277 volts. A main switchboard is then energized for distribution within the east wing. This switchboard was manufactured by Siemens and has a 2,000 amp rating. Additionally, a second switchboard is believed to be energized for the west wing. This unit was manufactured by Federal Pacific in 1981 and has a capacity rating of 800 amps. The transformer and Siemens switchboard appear well maintained and have remaining life. The Federal Pacific switchboard is aged and showing signs of deterioration. Its replacement is recommended.	
66	Ware-Rhaney (009) Fire Safety	$ 532,000	The facility is served by a Simplex model 4020, automatic fire alarm system. The main addressable panel is in lobby 121. The system contains smoke detectors and pull stations for activation purposes and audible/visual strobes and horns for notification. The fire alarm panel was installed in 2003 when the east wing was constructed. Devices in this wing were installed at that time. Devices in the west wing date to 1981. The fire alarm system has either reached or will reach lifecycle depletion over the next ten years and should be replaced. The facility contains an automatic sprinkler system for fire suppression. A fire pump controller, fire pump, and jockey pump support the system. Additional coverage is provided by manual chemical type fire extinguishers contained in cabinets. Coverage appears adequate, and the system has remaining life. However, the fire pump in the west building is showing signs of age and, based on the estimated age, has reached lifecycle deletion.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
67	Coleman Library (049) HVAC	$ 3,640,000	The circa 1972 equipment has surpassed the end of its normal lifecycle and is showing signs of deterioration. Based on industry standards, the equipment installed in 1989 will reach the end of its service life within the next ten years. Additionally, the exterior AHU will reach the end of its normal lifecycle toward the end of the next ten years. Replacement of all of the 1972 and 1989 equipment should be considered. Facility exhaust is provided by rooftop centrifugal fans and an inline exhaust fan. The fans serve restrooms and general exhaust needs. They were installed at various times and appear to be in adequate condition. However, some have reached the end of their lifecycle and are recommended for replacement.	
68	Coleman Library (049) Electrical	$ 1,960,000	Power is supplied to the facility underground utilities. A 1,500 kVA oil-filled transformer on the site steps the incoming power down to 480/277 volts and a 500 kVA, dry-type transformer steps the power down to 120/208 volts. A 1,600 amp main switchboard is energized for distribution to the original building and a 2,000 amp switchboard is energized for distribution to the remainder of the facility. The circa 1972 equipment has reached the end of its service life and should be replaced. The interior lighting consists predominately of lay-in, surface-mount, or suspended fixtures with acrylic, parabolic, mesh screen, or no lenses and lamped with T8 fluorescent bulbs. Additionally, there are some recessed can-type fixtures with compact fluorescent bulbs and some decorative suspended fixtures with glass globes. The interior lighting equipment was installed at various times. The fixtures in the original building and the addition are believed to have upgraded ballasts but the fixtures themselves date to 1989. The fixtures in the Annex are believed to date to 2003. All of the interior lighting should be replaced in the next ten years.	
69	Coleman Library (049) Interior	$ 1,680,000	Most of the interior walls are painted and in good to fair condition. Due to normal wear, they will probably need to be repainted on a cyclical basis over the next five years. The ceramic wall tile in the restrooms is generally in good condition. The tile in the addition restrooms should be replaced at the same time as the ceramic tile floors. The workrooms and lounges throughout the building have wood cabinetry with laminate countertops. There are also service counters in the original building and addition, near the central lobbies. The cabinetry is generally in good condition and only the circa 1989 cabinetry should need to be replaced.	
70	Coleman Library (049) HVAC Upgrade	$ 1,400,000	Several indoor air handling units (AHUs) and an exterior AHU, all with chilled and hot water coils, provide tempered air throughout the building. Distribution equipment consists of metal ductwork that is believed to contain variable air volume (VAV) boxes. Controls are a Siemens digital application. Air compressors from the old control system remain and are not in service. They are included in the lifecycle model and mentioned for information purposes. The HVAC equipment was installed during the various construction dates. The newest equipment was installed in 2003 and is in excellent condition with substantial remaining life. The circa 1972 equipment has surpassed the end of its normal lifecycle and is showing signs of deterioration. Based on industry standards, the equipment installed in 1989 will reach the end of its service life within the next ten years. Additionally, the exterior AHU will reach the end of its normal lifecycle toward the end of the next ten years. Replacement of all of the 1972 and 1989 equipment should be considered.	
71	Coleman Library (049) Exterior	$ 1,400,000	The original building and the addition have sloped slate tile roofs with a copper gutter and downspout system. The roof and gutters appear to be in good condition and, if regularly inspected and minor repairs made as needed, both should outlast the scope of this report. The central lobby of the addition has a flat roof covered with a single-ply TPO membrane. This single-ply roof is in good condition, but expected to reach the end of its normal service life during the next five years and may need to be replaced. The Annex has a sloped, asphalt shingle roof with a standard gutter and downspout system. May of the shingles are missing and the roof needs to be replaced. The gutters and downspouts will probably need to be replaced at the same time. The roof access hatch in the original building is difficult to reach and has an old wood ladder that is not safe. Relocate the roof hatch and install a new access ladder. Additionally, the Annex does not have roof access and a roof hatch and ladder should be installed.	
72	Coleman Library (049) Plumbing	$ 845,600	Domestic water is supplied through a copper piping network, and drain piping is cast-iron with hub-and spigot and no hub connections. The piping systems were installed at each phase of construction. Based on industry standards, the piping from 1972 has reached the end of its service life and is recommended for replacement. Newer piping has remaining service life beyond the next ten years. Backflow preventers on the water systems prevent cross contamination. The backflows are in adequate condition but have a short lifecycle and should be considered for replacement in the next ten years.	
73	School of Architecture (016) Electrical	$ 1,960,000	Power is supplied to the facility via underground utilities. A 750 kVA, oil-filled transformer receives the power and steps it down to 480/277 volts. A main 600 amp General Electric switchboard is then energized for distribution within the facility. A secondary dry-type transformer steps power down from 480/277 volts to 120/208 volts. Power is then distributed by a secondary main panel board that has a capacity rating of 700 amps. The main electrical equipment appears in good condition. However, the original dry-type transformer and switchboards will reach lifecycle depletion towards the end of the purview of this report. The electrical distribution system consists of panel boards, a motor control center (MCC), and dry-type transformers. Power is supplied at 480/277 volts from select panel boards, and the MCC or dry-type transformers step the power down to 120/208 volts. The MCC has reached the end of its service life.	
74	School of Architecture (016) Interior	$ 1,260,000	The floors in offices, classrooms, and the library are carpeted. The carpet is generally in good condition, but due to normal wear, it will likely need replacement during the scope of this report. Most of the flooring is vinyl tile that is generally in good condition, with isolated areas of damage and wear. Due to the age and condition, replacement will likely be needed. The restroom floors are ceramic tile that is showing signs of age and wear and will likely need replacement. Coordinate replacement of the ceramic tile with needed ADA updates. Most of the walls are painted surfaces that are in good to fair condition. Due to normal wear, the walls will need to be repainted during the scope of this report.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
75	School of Architecture (016) HVAC	$ 1,120,000	This facility is on the campus chilled water loop. Chilled water is utilized as the cooling media. Heating comfort is provided by heating hot water produced by two local Camus boiler that provide a heating capacity of 2,500 MBH. Pump equipment is present to circulate the heating hot water and chilled water. The HVAC equipment was installed at various times and some of the pumps are showing signs of age. Replacement is recommended. Some of the original equipment will reach the end of its service life over the next ten years. Newer equipment should continue to serve the facility. One of compressors if needed will also reach lifecycle depletion in the next ten years.	
76	School of Architecture (016) Exterior	$ 700,000	Access to the roofs was limited. Portions of the flat roof were viewed through third floor windows and the sloped roofs viewed from the ground. The sloped roofs are covered with standing-seam metal. Rainwater is collected by gutters and downspouts. The flat roofs are covered with a modified bitumen roof system. The modified bitumen roofs are in good condition but expected to reach the end of their normal service lives during the scope of this report and may need to be replaced. The gutters and downspouts are also expected to reach the end of their service lives and should be replaced.	
77	Physical Plant Transition Center (104) Exterior Upgrades	$ 630,000	The building has a standing-seam metal roof that is extensively rusted and has many areas that have been patched or replaced. The roof is beyond its normal service life and needs to be replaced. Rainwater is collected in gutters and downspouts at the front and rear of the building. The rear gutters are also rusted and should be replaced at the same time as the roof. The corrugated metal panel siding is generally in good condition and should outlast the scope of this report. A portion of the east wall has been patched and is partly discolored. This portion of the wall may need to be replaced. The wooden exit ramp on the north side of the Veterans Affairs office is rotting and is a potential safety hazard. It needs to be replaced.	
78	Physical Plant Transition Center (104) Interior Upgrades	$ 560,000	The interior floors are mainly covered with carpet or vinyl tile. The carpeting is generally in good condition, with isolated areas that are badly stained. Other than the new carpet in the Veteran's Affairs office, the carpet will probably need to be replaced over the next ten years due to normal wear. The vinyl tile floors are generally in good to fair condition. However, the tile is expected to reach the end of its normal service life in the next five to seven years and may need to be replaced at that time. However, other than the recently painted walls in the Veteran's Affairs offices, the painted walls and ceilings will need to be repainted within the next ten years.	
79	Physical Plant Transition Center (104) Electrical Upgrades	$ 658,000	The distribution system consists of panel boards that distribute power at 120/208 volts. Circuits are energized for mechanical, lighting, and general purpose loads. The equipment was partially upgraded in 2013 and that portion appears to be in excellent condition. However, it is believed that original equipment remains and should be considered for replacement midway through the next ten years. The interior lighting consists of lay-in fixtures with acrylic or parabolic lenses. The fixtures are lamped with T8 fluorescents bulbs. Occupancy sensors were observed in select areas to conserve energy. New lighting was installed in 2013 for a portion of the facility and the remaining fixtures were installed in 2001. While all of the lighting is in adequate condition, the older fixtures will reach the end of their service life within the scope of this report.	
80	Plant Operations and Maintenance A (080) Interior	$ 420,000	Ceiling finishes include painted hard surfaces in the main corridors, restrooms, and locker rooms and suspended grid systems with lay-in acoustical tile in the office areas. These finishes are generally in good condition and should not need to be replaced in the next ten years. The interior walls are mainly painted and in good condition. However, they will probably need to be repainted on a cyclical basis over the next ten years due to normal wear. The wood interior doors have lever hardware and are in good condition with no recommendations at this time. The cabinetry in the workrooms and break rooms is wood or laminate faced with laminate countertops. While it is generally in good condition, some of the older cabinetry may need to be replaced midway through the next ten years.	
81	Plant Operations and Maintenance A (080) Electrical Upgrades	$ 476,000	The interior lighting consists of lay-in fixtures with acrylic or parabolic lenses and lamped with T8 fluorescents bulbs. Additional lighting is provided by a few can-type fixtures believed to be lamped with compact fluorescent bulbs. The lighting scheme is original and in good condition. However, it has reached the end of its service life and should be considered for upgrade. The exterior lighting consists of recessed can-type fixtures, decorative globe wall-mounted non-HID fixtures, wall-mounted HID fixtures, and ground-mounted HID fixtures. Additional lighting is provided by pole-mounted fixtures on the site. Although the inspection was performed during daylight, the fixtures appear to provide adequate coverage and are good condition. On the day of inspection, one of the wall mounted HID fixtures was broken. Based on predicable wear, replacement for the exterior lighting may need to be budgeted within the scope of this report.	
82	Plant Operations and Maintenance B (081) Exterior Upgrades	$ 168,000	The building has a low-sloped, standing-seam metal roof. Rainwater is collected by metal gutters and downspouts. The roofing system is generally in good condition and should outlast the scope of this report. However, the gutters have some leaks and will probably need to be replaced in the next year. The exterior finishes include brick and split-faced CMU block walls with a metal panel fascia. The brick and block walls are structurally sound, but have been discolored by leaking gutters. Restore the exterior finish by pressure washing the masonry walls. Although the metal fascia is in good condition, it will probably need to be restored in the next ten years due to normal weathering.	
83	Plant Operations and Maintenance B (081) Electrical Upgrades	$ 168,000	The interior lighting consists of lay-in and suspended fixtures with acrylic, parabolic, mesh screen, or no lenses with fluorescent T-8 bulbs. The interior lighting scheme appears to be in good condition with no obvious issues reported. However, the system is considered to be original and based on industry standards has reached the end of its service life. The exterior lighting contains recessed can-type fixtures, eave-mounted fluorescent fixtures, and wall mounted HID fixtures. Additional lighting is provided by pole-mounted fixtures on the site and from the adjacent buildings. The exterior lighting appears to be in adequate condition. However, replacement may need to be considered due to predicable wear.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
84	Plant Operations and Maintenance C (082) Exterior Upgrades	$ 266,000	The exterior finishes include brick and split-faced CMU block walls with a metal panel fascia. The brick and block walls are structurally sound, but have been discolored by leaking gutters. Restore the exterior finish by pressure washing the masonry walls. The metal fascia is in good condition, but will probably need to be restored due to normal weathering. The building has limited windows. The individual metal-framed, double-pane windows and the light well built into the roof all appear to be in good condition and should outlast the scope of this report. The hollow-metal personnel doors have lever hardware and are in good condition. Due to normal weathering, they will probably need to be repainted in the next year.	
85	Plant Operations and Maintenance C (082) Electrical	$ 145,600	The interior lighting consists of lay-in and suspended fixtures with acrylic, parabolic, or mesh screen lenses with fluorescent T-8 bulbs. The interior lighting scheme appears to be in good condition and there were no obvious issues reported. However, the system is considered original and, based on industry standards, has reached the end of its service life. Replacement is recommended. The exterior lighting includes recessed can-type fixtures, eave-mounted fluorescent fixtures, and wall mounted HID fixtures. Additional lighting is provided from adjacent facilities. The exterior lighting is in adequate condition but may need to be considered for replacement due to predicable wear.	
86	Student Union Career Development & Conf. Center (603) Interior	$ 588,000	The floor coverings are mainly carpet squares or vinyl tile with ceramic tile in the restrooms. The floor finishes are in good to fair condition. Due to age and normal wear, most will probably need to be replaced during the evaluation period. The ceramic tile in the first floor restroom may outlast the scope of this report. The ceilings finishes include painted hard surfaces and suspended grid systems with lay-in acoustical tile. The interior walls are mainly painted and in good condition. The acoustical tile ceilings are generally in good condition and should not need to be replaced at this time. However, the painted ceilings and walls may need to be repainted due to normal wear. The restroom walls are covered with ceramic tile. The ceramic tile in the third floor restrooms are older and will probably need to be replaced in the next five years.	
87	Student Union Career Development & Conf. Center (603) Exterior Upgrades	$ 336,000	The building has a flat, gravel-surfaced built-up roof. The roof is in good condition, but is expected to reach the end of its normal service life during the evaluation period and may need to be replaced. The exterior walls are brick with painted concrete beams and columns. The brick is structurally sound, but weathered and discolored. A portion of the brick wall above the southeast stairwell door and the brick stairwell wall are cracked and need to be repaired. Restore the exterior masonry finishes including pressure washing the exterior and repointing mortar joints as needed. Repair cracks by replacing cracked brick and repointing cracked mortar joints.	
88	Student Union Career Development & Conf. Center (603) HVAC	$ 215,600	The facility is on the campus chilled water loop which is used as the cooling media. Heating hot water is supplied from an adjacent facility. Main air handling units (AHUs) provide tempered air to the first floor. The balance of the facility incorporates fan coil units (FCUs) for temperature control. The Trane units were installed in 1991. The air handlers are equipped with chilled and hot water coils. Distribution equipment consists of metal ductwork that contains variable air volume (VAV) boxes and HVAC piping. Controls are a Siemens digital application. The HVAC system appears to be an adequate application for the facility. However, the air handling equipment will reach the end of their service life within the scope of this report. Additionally, a partial control upgrade should be anticipated in the next ten years.	
89	Student Union Career Development & Conf. Center (603) Electrical Upgrades	$ 182,000	The interior lighting consists of lay-in and surface-mount fixtures that contain acrylic lenses. The fixtures are lamped with T8 fluorescent bulbs and the lighting scheme appears to be in adequate condition. The system is believed to date to 1991 and contains upgraded ballasts. Based on age, the interior lighting has reached the end of its service life and should be replaced at the next opportunity. The exterior lighting consists of wall-mounted HID fixtures, wall-mounted non-HID fixtures, and recessed pathway lighting. Additional lighting is provided by adjacent facilities and the surrounding site. Although the inspection was performed during daylight hours, the fixtures appear to provide adequate coverage and are in good condition. Based on predicable wear, replacement of some of the exterior lighting may need to be planned over the scope of this report.	
90	Lee Hall (001) Electrical	$ 742,000	The electrical distribution system consists of a motor control center (MCC), panel boards, and dry-type transformers. Power is supplied at 480/277 volts from select panel boards and the MCC. Dry-type transformers step power down to 120/208 volts. Additional panel boards distribute the lower voltage power. Circuits are then energized for mechanical, lighting, and general purpose loads. The electrical distribution system appears well maintained and has substantial remaining life beyond the scope of this report. However, the MCC is nearing lifecycle depletion and should be replaced in the next ten years.	
91	Lee Hall (001) Exterior	$ 1,155,000	The building has a combination of flat and sloped roofs. The flat roof areas are covered with a modified bitumen roof system that has been coated to extend its life. The coating is worn through in many areas. The sloped roof areas are covered with slate tiles. Some tiles are missing at the gables. The roof systems are reaching the end of their normal service lives and should be replaced during the evaluation period. The copper cupola and copper gutters and downspouts should be replaced at the same time. Access to the upper flat roof is from a roof hatch located in the attic space. This access hatch is difficult to access and does not provide safe access to the roof. Remove the old roof hatch and install a new access hatch in a location that is easy and safe to access. This will require installation of a vertical access ladder with appropriate safety devices.	
92	Lee Hall (001) Interior	$ 1,237,600	Most of the interior floors are covered with sheet carpeting and carpet squares. The carpet is generally in good condition but is showing signs of wear and should be replaced during the evaluation period. The workrooms and break rooms have vinyl tile floors. The vinyl tile is in good to fair condition but will need lifecycle replacement within the next ten years. The stage floor is a combination of hardwood flooring and painted wood flooring. It is showing signs of wear and should be refinished within the purview of this report. The basement has a painted concrete floor that will need repainting in the near term.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
93	Lee Hall (001) Life Safety	$ 266,000	Fire suppression to the facility is provided by either fire hose cabinets or manual chemical type fire extinguishers in part of the facility or an automatic sprinkler system serves the auditorium. A fire pump and jockey pump are utilized by the system. While this would have been an adequate application for the facility in 1993, it is recommended that the automatic sprinkler system be installed throughout the remainder of the building. This will reduce overall liability for the University. Additionally, the fire pump is showing some signs of deterioration and should be considered for replacement over the scope of this report.	
94	Lee Hall (001) Plumbing	$ 462,000	The restrooms are equipped with standard plumbing fixtures that include counter-mounted sinks, wall mounted sinks, wall-mounted urinals, tankless toilets, and flush-mounted toilets. The break rooms have stainless steel sinks and the custodial closets have floor-mounted mop sinks. The plumbing fixtures are generally in good condition. Some fixtures are expected to reach the end of their normal service lives during the next ten years and may need replacement. A duplex water booster pump system is present in the basement for pressurization of the domestic water system. The equipment was manufactured by Bell & Gossett and believed to date to 1993. The system is in average condition and had one pump removed at the time of inspection. Replacement of this system should be scheduled over the scope of this report due to age and condition.	
95	Lee Hall (001) Fire Alarm System	$ 336,000	The facility is served by an automatic, Simplex model 4100 fire alarm system. The main addressable panel is on the first floor. The devices that support this system include smoke detectors and pull stations for activation purposes and audible/visual strobes for notification. The fire alarm system is believed to have been installed in 1993. Based on age, this system has reached end of its service life and should be replaced in the near term.	
	TOTAL:	**$ 87,899,700**		

FLORIDA ATLANTIC UNIVERSITY

Contact Name: Azita Dotiwala, Director of Budget & Planning

Contact Phone & Email: (561)297-0425 - dashtaki@fau.edu

Deferred Maintenance on E&G Facilities
(over and above those cited on the 8/2/21 list pursuant to EOG Memo #21-034A)

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	LY-3 S.E. WIMBERLY LIBRARY	$ 4,100,000	Interior finishes - flooring, walls and lighting, Supply piping system, Fire panel and devices (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment - Additional funding for this project was requested under EOG Memo#21
2	ED-47 COLLEGE OF EDUCATION	$ 1,400,000	Fire Alarm Panel and Devices, HVAC Controls, Pluming fixtures, Electrical switch, Flooring and walls (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
3	SE-43 SCIENCE BUILDING	$ 1,220,000	Motor controls - center vertical section w/ starter, Interior lighting system, Elevator modernization, Water heater - shell and Tube, Diesel Generator (Boca Campus)	This project was included under the EOG Memo#21 funding request in the amount of $1.48 M - Detailed project list and individual cost available per ISES Condition Assessment
4	SO-44 SOCIAL SCIENCE BUILDING	$ 1,070,000	HVAC Controls, Interior lighting system - classrooms, Roof replacement, Fire alarm panel and devices (Boca Campus)	This project was included under the EOG Memo#21 funding request in the amount of $2.23 M - Detailed project list and individual cost available per ISES Condition Assessment
5	PS-55 PHYSICAL SCIENCE	$ 1,945,000	Fire alarm panel and devices, Interior lighting, Roof replacement, Interior finishes - floors / walls (Boca Campus)	This project was included under the EOG Memo#21 funding request in the amount of $1.055 M - Detailed project list and individual cost available per ISES Condition Assessment
6	BS-12 BEHAVIORAL SCIENCES	$ 3,600,000	Replace AHU - Outdoor package, Replace electrical distribution network, HVAC Distribution network, Supply piping system for labs (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
7	AL-9 ARTS & LETTERS - ARTS & LETTERS	$ 2,556,000	Replace supply piping system, Elevator Modernization, Upgrade Fire alarm panel and systems, Variable Frequency Drives, Upgrade backflow preventer, Roof replacement (Boca Campus)	This project was included under the EOG Memo#21 funding request in the amount of $1.1M - Detailed project list and individual cost available per ISES Condition Assessment
8	AH-52 ARTS & LETTERS - ARTS & HUMANITIES	$ 1,093,000	Elevator modernization, Replace Fire Alarm Panel and Devices, Replace Roof Fan Exhausts, Upgrade Interior Lighting system, Upgrade Electrical switch - Auto Transfer (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
9	GS-2 GENERAL CLASSROOM SOUTH	$ 1,400,000	Replace Generator, Elevator modernization (2), Interior finishes - flooring and walls, Backflow preventer (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment - Additional funding for this project was requested under EOG Memo#21
10	CM-22 COMPUTER CENTER	$ 1,900,000	Electrical Distribution Network, HVAC Distribution Network, HVAC Controls System, Supply Piping system, Wall Finish (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment

FLORIDA ATLANTIC UNIVERSITY

Contact Name: Azita Dotiwala, Director of Budget & Planning

Contact Phone & Email: (561)297-0425 - dashtaki@fau.edu

Deferred Maintenance on E&G Facilities
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Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
11	AD-10 Williams Administration Bldg.	$ 5,864,000	Major repairs include Electrical Distribution Network upgrade, HVAC Distribution Networks, Supply piping system, Upgrade Interior lighting system, Backflow preventer (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
12	AG-39 RITTER ART GALLERY	$ 120,000	Replace indoor AHUs, Upgrade HVAC Controls System, Upgrade Lighting System (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
13	AZ-79 ALZHEIMER'S RESEARCH & CARE	$ 160,000	Replace Flooring, Repair/Replace Exterior Lights, Replace variable frequency drive, Interior Lighting (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
14	BC-71 SCHMIDT BIO-MEDICAL SCI CTR	$ 172,000	Replace Fire Alarm Panel and devices, Exterior Lighting, Refrigeration System, Replace original flooring (carpet/tile) (Boca Campus)	This project was included under the EOG Memo#21 funding request in the amount of $750,000 - Detailed project list and individual cost available per ISES Condition Assessment
15	VC-T010 ARTS AND LETTERS AND NURSING	$ 1,300,000	Backflow Preventers, Drain piping systems, Fire Alarm Panel and devices, Fire Sprinkler System, Plumbing Fixtures, Windows, Exterior stucco, Roofing repairs (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
16	BU-86 COLLEGE OF BUSINESS	$ 430,000	Interior Finishes - floors / walls, Interior lighting upgrades, Water heater (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
17	CO-69 CAMPUS OPERATIONS BUILDING	$ 390,000	Fire Alarm Panel and Devices, Wall Finish, Flooring (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
18	EG-36 COLLEGE OF ENGINEERING	$ 840,000	Elevator modernization, Backflow Preventer, Plumbing fixtures, Fire Alarm System (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
19	FH-11 FIELD HOUSE (Exercise Sciences)	$ 1,330,000	Electrical Distribution Network, Fan - Centrifugal room exhausts, HVAC Distribution Networks, Lighting Systems, Package HVAC Unit, Roof replacement (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
20	FL-24 FLEMING HALL	$ 756,000	Exterior lighting, Interior finishes - flooring walls, Plumbing fixtures (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
21	VA-53 ARTS & LETTERS - VISUAL ARTS	$ 640,000	HVAC Controls, Drain piping System, Fire Sprinkler System, Fire panel and devices, Exterior lighting (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
22	GY-38 ARENA	$ 3,000,000	AHU - Indoor (9-12HP), Elevator Modernization, HVAC Controls, Lighting System - interior, Fire Alarm Panel and Devices (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
23	SS-8W HEALTH SERVICES FACILITY	$ 230,000	Fire Alarm Panel and Devices, Lighting, Fan - Centrifugal Roof Exhausts (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
24	IS-4 INSTRUCTIONAL SERVICES	$ 1,480,000	Glass / Window replacement, HVAC Control systems, Supply piping system, Roof Replacement, Electrical Distribution network (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
25	PA-51 ARTS & LETTERS - PERFORMING ARTS	$ 1,100,000	Generator, Fire alarm panel and devices, Elevator modernization, Inferior lighting, HVAC controls, Fan - Centrifugal Roof Exhausts (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment

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26	PG-35 PLANT GROWTH COMPLEX	$ 300,000	Perimeter security - fencing, Roof repair, Interior lighting , Repair/replace lab casework (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
27	PM-33 POOL MAINTENANCE BLDG	$ 60,000	Electrical distribution network, Flooring , Roof Repair, HVAC Controls (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
28	EH-85 ENVIRONMENTAL HEALTH SUPPORT F	$ 140,000	Fire alarm panel and devices, Flooring and wall finishes (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
29	SC-1 SANSON LIFE SCIENCES BUILDING	$ 2,300,000	Electrical distribution systems, Elevator modernization, Supply piping system, Interior finishes - floors / walls (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
30	SS-8 STUDENT SERVICES	$ 5,400,000	HVAC Distribution Networks, Main switchboard with breakers, Electrical distribution Network (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
31	SU-80 STUDENT SUPPORT SVCS	$ 500,000	Fire alarm system and devices, Exterior lighting (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
32	TB-T005 TEMPORARY - OLD ARMY BARRACK	$ 1,700,000	Drain piping system, Windows & Doors, Plumbing Fixtures, Supply piping system (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
33	TB-T006 TEMPORARY	$ 1,500,000	Electrical distribution systems, Fire Alarm Panels and Devices, Plumbing Fixtures, Glass / windows, Lighting system, Supply Piping Systems, Roof replacement (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
34	TB-T011 TEMPORARY	$ 390,000	Glass /Window repairs, Interiors Finishes flooring / walls, Backflow preventer, Replace air-cooled condenser / refrigerant (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
35	TE-106 TECH RUNWAY	$ 260,000	Fire Alarm panel and devices, Flooring (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
36	AC-67 TOM OXLEY ATHLETIC CENTER	$ 1,900,000	Cooling tower, HVAC Controls systems, Fire Alarm panel and devices, Lighting systems - interior (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
37	UP-72 SATELLITE UTILITY PLANT	$ 97,000	Fire Alarm panel and devices, Lighting (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
38	UT-5 UTILITIES	$ 950,000	Diesel Generator, Flooring Fluid applied polyurethane, Interior Lighting (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
39	GN-73 GENERAL CLASSROOM NORTH	$ 270,000	Fire Alarm system and devices, HVAC Controls (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
40	KH-25 BARRY KAYE HALL	$ 45,000	Plumbing Fixtures, Flooring, Exterior lights (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
41	LS-13 UTILITIES LIFT STATION	$ 106,000	Generator, Roof, Fan - Centrifugal Roof Exhausts (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
42	LS-32 LIFT STATION 30TH STREET	$ 15,000	Electrical distribution, Lighting distribution (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
43	NU-84 C E LYNN COLLEGE OF NURSING	$ 96,000	Variable frequency drives, Exterior lighting, Water heater (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment

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44	PR-75 E R BALDWIN HOUSE (Event Center)	$ 150,000	Fire alarm panel and devices, Exterior lights (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
45	FA-94 MARLEEN AND HAROLD FORKAS ALUMNI	$ 140,000	Interior finishes - flooring and walls (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
46	DP-49 GLADYS DAVIS PAVILION	$ 81,000	Interior finishes - flooring, walls and lighting (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
47	DS-87 DESANTIS PAVILION	$ 200,000	Interior finishes - flooring, walls and lighting (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
48	FW-23 FLEMING WEST	$ 96,000	Interior finishes - flooring and walls (Boca Campus)	Detailed project list and individual cost available per ISES Condition Assessment
49	MC-04 UTILITY PLANT	$ 2,750,000	chiller plant rehab, Combination fire/domestic backflow (parts NLA), MCC repair/replacement, Full controls gut and integration into satellite chiller plant (Jupiter Campus)	Failed water cooled chillers removed for a "temporary" air cooled in 2017
50	MC-20 SATELITE UTILITY PLANT	$ 1,650,000	Air cooled chiller replacement qty 1, tower rehab. (Jupiter Campus)	Recommend building out MC20 to add 3rd water cooled chiller in lieu of repairing MC04
51	MC-17 FAU RESEARCH FACILITY	$ 1,850,000	AHU replacement qty 4, steam generator replacement, backflow replacement, boiler replacement, 6 exhaust fans, IT cooling unit replacement, Elevator replacement (Jupiter Campus)	
52	MC-19 FAU RESEARCH FACILITY EXPANSION	$ 1,150,000	AHU replacement qty 4, backflow replacement, Boiler replacement, 4 exhaust fans, IT room cooling unit replacement, Elevator Replacement, Stucco repair and paint (Jupiter Campus)	
53	MC-01 HARRIET L. WILKES HONORS COLLEGE	$ 1,375,000	Combination fire/domestic backflow (parts NLA), Outside Air unit rehab/replace, Variable Frequency Drive and Motor Control Center starter updates, lighting contactor/ems updates, Window repair / sealing, Roof repairs, Paint exterior (Jupiter Campus)	
54	MC-02 MACARTHUR ADMINSTRATION/CLASSROOM BUILDING	$ 1,700,000	Combination fire/domestic backflow (parts NLA), Outside Air unit rehab/replace, Variable Frequency Drive and Motor Control Center starter updates, lighting contactor/ems updates, Window repair / sealing, Roof repairs, Stucco repair & paint	
55	MC-03 STUDENT RESOURCES AND CLASSROOM BUILDING	$ 3,175,000	Combination fire/domestic backflow (parts NLA), Outside Air unit rehab/replace, Variable Frequency Drive and Motor Control Center starter updates, lighting contactor/ems updates, Window repair / sealing, Roof replacement, Elevator replacement, Stucco repair & Paint (Jupiter Campus)	
56	MC-07 HIBEL FINE ARTS BUILDING	$ 550,000	Controls, VAV repair/replacement, AHU rehab/replacement (Jupiter Campus)	

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57	MC-08 HIBEL MUSEUM OF ART	$ 550,000	Controls, VAV repair/replacement, AHU rehab/replacement (Jupiter Campus)	
58	MC-11 LIBRARY	$ 925,000	Controls, VAV repair/replacement, AHU rehab/replacement, Hydronic pumping system update/replacement, DCV updates, Stucco repair & Paint exterior building (Jupiter Campus)	
59	MC-12 EDUCATION/ CLASSROOM BLDG.	$ 925,000	Controls, VAV repair/replacement, AHU rehab/replacement, Hydronic pumping system update/replacement, Demand Control Ventilation updates, Stucco repair & paint (Jupiter Campus)	
60	MC-13 HARRIET L. WILKES BUILDING	$ 650,000	Controls, Minor OA/fresh air repairs, AHU rehab, Stucco repair & paint (Jupiter Campus)	
61	MC-14 MALTZ CENTER FOR EDUCATION	$ 425,000	Controls, AHU reconfigure for energy conservation, duct repairs, MCC repairs, Stucco repair & paint (Jupiter Campus)	
62	Roadway resurfacing	$ 1,500,000	resurface and restripe all roadways - original to campus (Jupiter Campus)	
63	GL-01 MARINE SCIENCE LAB	$ 250,000	DX unit replacement, seawater chiller replacement (supports animal research), controls (Gumbo Limbo)	
64	ST-01 SEATECH RESEARCH CENTER	$ 3,400,000	Cooling tower replacement, 2 AHU replacement and all exhaust fans, Repair/replace ducts, insulation, hydronic pumps, MCC and VAV replacement, Generator overhaul, New roof, Repair window seals, Replace elevator (Sea Tech)	
65	LA-49 LIBERAL ARTS BUILDING	$ 3,250,000	Mechanical system overhaul, new AHU, Replaces controls, Demand Control Ventilation and Motor Control Center, Replace Exhaust Fans, pneumatic compressor, minisplits, backflows, CHW piping, pumps, vfds, Repair windows, Replace roof (Davie Campus)	
66	CH-50 CHILLER BUILDING	$ 850,000	Replace/rehab cooling tower (structure was replaced), new hydronic pumps, full control update, Motor Control Center refurb, CH3 R'newal, new VFD, backflows, sidestream filters (Davie Campus)	
67	ES-52 EDUCATION AND SCIENCE BUILDING	$ 3,700,000	Replace 4 AHU, New controls, vav/duct heaters, mcc updates, hydronic pipe and duct repairs/reinsulate, domestic booster pump, chw pumps, Generator overhaul and fuel tank replacement, Lab gas conversion, Replace fume hood controls/repairs, Replace lab pressurization controls, New roof (Davie Campus)	
68	GR-53 DAVIE GREENHOUSE	$ 250,000	DX unit replacement, Exhaust fan replacements (Davie Campus)	
69	DW-90 DAVIE WEST	$ 900,000	Recommission building, Update lab controls, Boiler replacement, Roof repairs, Repair windows (Davie Campus)	
70	CH-91 CHILLER BUILDING DAVIE WEST	$ 550,000	Chiller r'newal (3), Motor Control Center updates (integrated VFD's EOL), Tower fill replacement (Davie Campus)	

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71	HB01 LAB I	$ 1,550,000	Air Cooled Chiller Replacement, HVAC Air Handler & Intake Ductwork Replacement - Quantity 2, Exhaust Fan Replacement - Quantity 4, Roof replacement, Paint building exterior (Harbor Branch OI)	
72	HB50 LAB II	$ 1,280,000	Exhaust Fan Replacement - Quantity 9, Chiller #1 R'Newal Refurbishment (Due 2020), Chiller #3 Refurbishment, Replace Main Air Inlet Duct Work, Roof seam seal, Generator Fuel Tank Replacement, Chiller Tower Gear Boxes and Motors Replacement (Harbor Branch OI)	
73	HB29 - EDUCATION CENTER EAST ANNEX	$ 150,000	Metal Roof Replacement (Harbor Branch OI)	
74	HB45 HURRICANE SHELTER	$ 280,000	Roof Replacement, Replace Fire Suppression System In Hurricane Bunker (Harbor Branch OI)	
75	HB23 - OCEAN DISCOVERY CENTER	$ 235,000	Replace Metal Roof, Bathroom renovation, Awning replacement, Repair concrete entry (Harbor Branch OI)	
76	HB34 JOHNSON HOUSE (RESEARCH)	$ 140,000	Re-roof, Demo pool and pool equipment, Install new concrete walkway (Harbor Branch OI)	
77	HB41 - BIOPHOTONICS LAB	$ 180,000	Biophotonics Metal Roof Replacement, Laser Test Tank Resurfacing, Install Building De-humidifier (Harbor Branch OI)	
78	HB18 - LINK BLDG.	$ 515,000	High Bay Seal Coat Roof, Skylight Seal Coating, Paint Building Exterior, Elevator refurbishment (Harbor Branch OI)	
79	HB35 - MARINE EDUCATION CENTER AND CONFERENCE	$ 500,000	Roof Seal Coating, Roof drain system replacement, Replace Chiller Water Circ Pumps, Valves, & Insulation, Chiller Replacement (Harbor Branch OI)	
80	HB11 ACTED ADMINISTRATION BUILDING	$ 200,000	Replace Aquaculture Park Emergency Generators - Quantity 3 (Harbor Branch OI)	
81	HB16 BIOMEDICAL MARINE RESEARCH (BMR) EAST	$ 185,000	Interior finishes - floors, walls, lighting, Plumbing upgrade, Building Facia Wrapped with Metal and Paint (Harbor Branch OI)	
82	HB19 JOHNSON HOUSE UTILITY BUILDING	$ 250,000	Demolition and replacement of utility building (Harbor Branch OI)	Building at end of life due to structural cracks per 2018 engineering report
83	HB27 FACILITIES BLDG.	$ 30,000	Facilities Fuel Dispenser Replacement - Quantity 2 (Harbor Branch OI)	
84	HB38 BARROWS MARINE OPS BUILDING	$ 150,000	Replace Elevator (Harbor Branch OI)	
85	HB33 SMALL BOATS MARINA	$ 175,000	Replace Exterior Metal Sheeting on Building, Marina Fuel Tank Replacement, Marina Concrete slab replacement - West end. (Harbor Branch OI)	
86	HB12 FISH HATCHERY	$ 300,000	Roof Bows Replacement H2, H3, H4 Section (Harbor Branch OI)	

FLORIDA ATLANTIC UNIVERSITY

Contact Name: Azita Dotiwala, Director of Budget & Planning

Contact Phone & Email: (561)297-0425 - dashtaki@fau.edu

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Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
87	HB20 UTILITY BUILDING	$ 75,000	Air Compressor Replacements - Quantity 2 (Harbor Branch OI)	
88	HB10 SOUTH AQUACULTURE GREENHOUSE H5, H6	$ 100,000	Replace roof bows - H5 Section (Harbor Branch OI)	
89	WINDOW REPLACEMENT	$ 200,000	Replacement to Impact Resistant Windows (HB04,HB11,HB16,HB23,HB27,HB28,HB29, HB30, HB33) (Harbor Branch OI)	
90	HBOI CHANNEL MAINTENANCE	$ 1,950,000	Dredge port and channel access to HBOI campus to 13' depth as initially designed (Harbor Branch OI)	
91	ROADWAY RESURFACING	$ 60,000	Seal coat North & South Channel Drives (Harbor Branch OI)	
90	SOUND BARRIER WALL	$ 50,000	Paint barrier wall (Harbor Branch OI)	
	TOTAL:	**$ 95,622,000**		

FLORIDA GULF COAST UNIVERSITY

Contact Name: Jim Hehl

Contact Phone & Email: (239) 590-1313 jhehl@fgcu.edu

Deferred Maintenance on E&G Facilities
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Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	Alico Arena Water Infiltration Remediation Project	$ 1,300,000	Water leakage into building on all sides requiring removal of large amounts of damaged stucco and replacement, resealing of all window openings, removal of downspouts and signage for repairs. Complete painting of entire building upon completion of repairs. Final leak test by Building Envelope Consultant after complete repairs.	
2	Alico Arena Stair Compliance	$ 1,700,000	Stair Compliance to meet building code safety standards.	
3	Life Safety Code Blue pole upgrades and replacements	$ 385,400	Need to repair current Code Blue Pole Student Safety Systems and upgrade technology for replacements throughout campus.	
4	Griffin Hall, Reed Hall, Whitaker Hall, McTarnaghan Hall, Howard Hall Bathroom ADA and building code upgrades	$ 425,000	University Phase I buildings which are 25 years old and require all bathroom upgrades for ADA compliance and building code changes.	
5	Repaving of main entrance road and university main loop road.	$ 785,300	Both roadways are over 25 years old and deteriorating rapidly and in need of new asphalt and restriping.	
	TOTAL:	**$ 4,595,700**		

FLORIDA INTERNATIONAL UNIVERSITY

Legend:

A: 1 - 2 yr **Critical**
B: 3 - 5 yr **Critical**
C: 5 - 8 yr **Critical**

Contact Name: John M. Cal / AVP, Facilities Management

Contact Phone & Email: 305-348-4001 / John.Cal@fiu.edu

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Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
A	MMC - SW 14 Street Drainage Improvements (UPT & DC)	$ 300,000	Improvements to correct drainage issues.	Site Improvements
A	OE Waterproofing & Finishes PH 2	$ 300,000	PH2 waterproofing and finishes following structural repairs.	Exterior Enclosure
A	BBC HM 175 HVAC Improvement	$ 850,000	Inspections identified there is no insulation below the roof causing condensation & potential mold development. Total project cost projection of $820,549. Need approval to release SGM for design. $28,775 design proposal.	HVAC
A	Roof Safety Railings in Multiple Buildings	$ 355,000	EH&S identifying unsafe conditions on roofs lacking safety railings for maintenance staff needing to access rooftop equipment.	Roofing
A	AHC-4/OE/CP Loading Dock Service Road	$ 750,000	Improvements to service road to correct drainage issues, etc.	Site Improvements
A	AHC2 Stairwell Code Compliance	$ 130,000	4 stairwell locations inside of AHC2 determined to be not fire rated.	Stairs
A	AC1 Exterior Windows Replacement	$ 926,220	Replace Steel Framed Windows With Hurricane Impact Windows	Exterior Enclosure
A	AC1 Exterior Doors Replacement	$ 408,273	Replace Exterior Doors Which Include 3 x 7 Steel Door and Frame, Lockset, Exit Hardware, Closer	Exterior Enclosure
A	AC1 Exterior Doors Replacement	$ 47,653	Replace Exterior Doors Which Include 6 x 7 Steel Door and Frame, Lockset, Exit Hardware, Closer	Exterior Enclosure
A	AC1 Exterior Doors Replacement	$ 184,158	Replace Exterior Doors w/Vision 3 x 7 Steel Door and Frame, Lockset, Exit Hardware, Closer	Exterior Enclosure
A	AC1 Exterior Doors Replacement	$ 57,487	Replace Exterior Doors w/Vision 6 x 7 Steel Door and Frame, Lockset, Exit Hardware, Closer	Exterior Enclosure
A	AC1 Exterior Doors w/Electrical	$ 35,494	Replace Exterior Overhead Sectional Coiling Doors With Mounted Electrical Operators	Exterior Enclosure
A	AC1 Exterior Doors w/Security Grills - Electrical Operation	$ 109,467	Replacement for Overhead Security Grills - Electrical Operation. Exterior openings include overhead coiling doors with electrical operators.	Exterior Enclosure
A	AC1 - Plumbing Fixtures Replacement- Custodial/Utility Sinks	$ 35,573	Replacement for Custodial/Utility Sinks. The plumbing fixtures include corner floor custodial/utility sink. Includes rough-in and faucet.	Plumbing
A	AC1 - Plumbing Fixtures Replacement - Water Coolers - Wall-Mounted	$ 36,993	Replacement for Water Coolers - Wall-Mounted Dual-Height (Each). Plumbing fixtures include wall-mounted dual-height water coolers.	Plumbing
A	AC1 - Distribution Systems Replacement- Central AHU	$ 1,070,762	Replacement for Central AHU - Const Volume w/Distribution - 1979 (Mech. PH). The HVAC system includes constant volume Carrier Multi-Zone air handling units, distribution ductwork, diffusers and plenum return. The air handling units are located in the mechanical penthouses. (Six (6) AHUs, approximately 10,000 cfm ea.)).	HVAC

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
A	AC2 - Exterior Windows - Steel Windows Replacement	$ 850,830	Replacement for Steel Windows. The building includes fixed steel framed window units with non-insulating glass. NOTE: Renewal windows shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". NOTE: Renewal windows shall comply with FBC: Energy (2007) "Section 13-401 Fenestrations (Glazing)	Exterior Enclosure
A	AC2 - Exterior Doors - Door Assembly - 3 x 7 HM Replacement	$ 331,722	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3 x 7 steel door and steel frame with hinges, lockset (knob or lever), exit hardware and closer. Includes painted door and painted frame. Note: Renewal doors shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal doors shall comply with FBC: Energy (2007) "Section 13-403 Doors	Exterior Enclosure
A	AC2 - Exterior Doors - Door Assembly - 6 x 7 HM Replacement	$ 68,075	Replacement for Door Assembly - 6 x 7 HM. Exterior doors include pr. 3 x 7 steel doors and steel frame with hinges, locksets (lever), hardware and closers. Includes painted doors and painted frame.	Exterior Enclosure
A	AC2 - Exterior Doors - Door Assembly - Vision Panels - 3 x 7 Replacement	$ 158,757	Replacement for Door Assembly - Vision Panels - 3 x 7. Exterior doors include pr. 3 x 7 aluminum framed doors with glass panels and hinges, locksets, hardware and closers.	Exterior Enclosure
A	OE Lab 295 Renovations	$ 1,000,000	Renovate & upgrade deteriorating conditions at lab.	
A	CBC 155 Auditorium Acoustical Panels	$ 300,000	Replace aging acoustical panels.	Interior Finishes
A	EC & OU Emergency Power System Renewal	$ 1,040,000	Emerg Power System Renewal - Includes 2 Caterpillar Diesel Generators in Rm 103A & switchgear.	Electrical
A	BBC HM Fire Alarm System Renewal	$ 390,000	Fire Alarm System Renewal.	Electrical
A	CP Elevator Renewal	$ 390,000	Hydraulic Passenger Elevator Renewal - Conveying equipment: 40 hp, 2,500 lbs, 3 stories.	Conveying
A	BBC HM Rooftop AHU Renewal	$ 1,509,302	Central Rooftop AHU Renewal - HVAC system includes 6 rooftop AHUs, ductwork, diffusers and returns.	HVAC
A	MMC CU ~~Substation~~ Lift Station Emerg. Generator Renewal	$ 300,000	Emerg. Generator Renewal - Onan 175kW serving Lift Station 1 in Room 020.	Electrical
A	CASE Elevators Renewal (3 elevators)	$ 1,200,000	1990 Hydraulic Passenger Elevator Renewal - Conveying equipment: 30 hp, 2,500 lbs, 4 stories.	Conveying
A	DM Exterior Doors and Windows	$ 1,200,000	Remove old shutters & replace with impact windows. Replace deteriorating exterior doors.	Exterior Enclosure
A	AC1- Roofing Replacement- SBS - Modified Bitumen Roofing	$ 624,000	Replacement for SBS - Modified Bitumen Roofing. The roof covering is a SBS modified bitumen built-up roofing system with deck insulation and pea stone ballast.	Roofing
A	AC1 - Low Tension Service and Distribution Equipment, Panelboards, and Feeders Replacement	$ 535,158	Replacement for Distribution Equipment, Panelboards, and Feeders. The electrical distribution system for this building includes an average concentration of panelboards, feeders, transformers and associated equipment.	Electrical
A	AC1 - Lighting and Branch Wiring Replacement - Lighting - Exterior	$ 164,289	Replacement for Lighting - Exterior. Exterior lighting on this building consists of HID wall pack units, down lights, flood lights and surface 2'x2' and 1'x4' wrap around fixtures (both fluorescents.).	Electrical
A	AC1 - Local Area Networks - LAN System Replacement	$ 582,527	Replacement for LAN System. The building has multiple tel/data rooms and / or closets to support a medium density local area network (LAN) system. Data is distributed through Cat 5E and Cat 6 cables above the corridor ceiling to jacks and other data distribution locations throughout the building.	Electrical

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
A	AC1 - Emergency Light and Power Systems - Exit Signs Replacement	$ 34,985	Replacement for Exit Signs. The building's emergency lighting system includes the distribution and installation of exit signs on an average density level. Installation includes: single and double-sided exit signs, conduit, wire, boxes, connections and circuit breakers.	Electrical
A	AC2 - Roofing - Canopy Skylights Replacement	$ 408,769	Replacement for Canopy Skylights. There are five (5) seperate covers over the main stairwells that are aluminum framed assemblies with insulated safety glass in a four-sided pyramid configuration. NOTE: Best available RS Means line items selected, with sizes and quantities estimated for budgetary purposes.	Roofing
A	AC2 - Low Tension Service and Dist. - Distribution Equipment, Panelboards, and Feeders	$ 575,959	Replacement for Distribution Equipment, Panelboards, and Feeders. The electrical distribution system for this building includes an average concentration of panelboards, feeders, transformers and associated equipment.	Electrical
A	AC2 - Lighting and Branch Wiring - Lighting - Exterior	$ 78,474	Replacement for Lighting - Exterior. Exterior lighting on this building consists of flood lights, wall mounted cylinders and surface 2'x2' fixtures (fluorescents.)	Electrical
A	AC2 - Clock and Program Systems - Clock System	$ 27,513	Replacement for Clock System. The building has a centralized, automatic clock system. The clock system includes head end equipment, single and double sided clocks, conduit, wire, electrician and helper time, and fittings.	Electrical
A	AC2 - Emergency Light and Power Systems - Emergency Battery Pack Lights	$ 49,118	Replacement for Emergency Battery Pack Lights. The building's emergency lighting is also provided by self-contained battery packs and lights. Lighting units are wall mounted and house maintenance-free batteries. Lamp heads are incandescent and are either dual-headed, top mounted or remote mounted from the battery unit.	Electrical
A	AC2 - Emergency Light and Power Systems - Exit Signs	$ 26,519	Replacement for Exit Signs. The building's emergency lighting system includes the distribution and installation of exit signs on an average density level. Installation includes: single and double-sided exit signs, conduit, wire, boxes, connections and circuit breakers.	Electrical
A	DM to GL Covered Walkway Restoration	$ 81,964	Construction $56,345. Concrete crack repairs. GC proposal needs updating. Working with D Torr.	Site Improvements
A	BBC Central Utilities Roof, Walkway & Lighting	$ 500,000	Repair Green roof leaks and replace walkway & structural steel. Improve safety lighting system.	Roofing
A	MMC Building Access Modernization	$ 1,000,000	Upgrade older buildings to new access capabilities.	Electrical
A	EC Building Envelope Repairs	$ 5,700,000	Exterior building envelope mediation and repairs.	Exterior Enclosure
A	CONST-PC/PG1 Covered Walk Improvemts	$ 386,000	Replace concrete walk with pavers or artistic concrete.	Site Improvements
A	CONST-Ziff Education Building Entrance	$ 495,000	Provide defined entrance on west side of building.	Site Improvements
A	MMC - SW 115 Ave Road Improvements	$ 1,000,000	Re-engineer road and drainage SW 115th Ave East of CSC, W06 & SAAC.	Site Improvements
A	BBC Hubert Library Lighting	$ 250,000	Replacement of general lighting.	Electrical
A	GC Emergency Generator Renewal	$ 163,000	Emerg. Generator Renewal - 100kW generator in Room 129.	Electrical
A	PC Emergency Generator Renewal	$ 585,000	Emerg. Generator Renewal - 450kW emerg. generator in Mech. Room 105A.	Electrical
A	CASE Emergency Generator Renewal	$ 195,000	Emerg. Generator Renewal - 100kW Kohler Model 100 Fast Response II generator at East ext. of bldg. showing age & corrosion.	Electrical
A	BBC WUC Central AHU Renewal	$ 60,000	Central AHU Volume w/Dist AHU #2 Renewal incl. ductwork, diffusers & return - 7,500 cfm: SHOULD BE FUNDED BY BUSINESS SERVICES.	HVAC
A	BBC WUC Elevators Renewal	$ 390,000	Hydraulic Passenger Elevator Renewal - Economy (1980) - three stories: NOTE - BUILDING IS E&G.	Conveying
A	VH Building Built-Up Roofing Renewal	$ 143,000	Renewal for Modified Bitumen. System Description: The roof covering is a modified bitumen system. - Theater.	Roofing

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A	BBC Central Utilities Plant Fire Alarm System Renewal	$ 43,880	Renewal for Fire Alarm System including equipment, pull stations, strobes, smoke/heat detectors, conduit, wire & connections.	Electrical
A	BBC AC2 Central AHU Renewal	$ 1,257,229	Renewal for 16 Trane AHUs at 2nd Fl. Mechanical Rooms including ductwork, diffusers & plenum returns.	HVAC
A	Wolfsonian Museum UPS System Renewal	$ 62,871	Renewal for UPS System used for security system backup. Includes equipment, panelboard w/breakers, bypass switch, etc.	Electrical
B	W01C (Ceramics) Building Built-Up Roofing Renewal	$ 65,139	Renewal for Built-Up Roofing system.	Roofing
B	BBC AC2 Central AHU Renewal	$ 1,013,793	Renewal for 10 Trane AHUs at 3rd Fl. Mechanical Rooms including ductwork, diffusers & plenum returns.	HVAC
B	PC Building HVAC Ventilation System Renewal	$ 525,200	Renewal for HVAC ventilation system including exhaust system, fume hood and ductwork for the building.	HVAC
B	FIU Arena Electrical Distribution Renewal	$ 1,800,379	Renewal for electrical distribution system including equipment, panelboards and feeders. Equipment Manufacturer no longer in business.	Electrical
B	BBC MSB - UPS System Renewal	$ 73,099	Renewal for UPS System including equipment, batteries, circuit breakers, conduit and wiring.	E
B	FIU Arena Central AHU Renewal	$ 360,183	Renewal for HVAC ventilation system including AHUs, ductwork, diffusers & plenum return. AHUs in Mech Rm 2005M1 & on roof.	HVAC
B	LC Building Built-Up Roofing Renewal	$ 133,059	Renewal for Built-Up Roofing system.	Roofing
B	BBC Hubert Library Elevators (2 of 3) Renewal	$ 455,000	Renewal to upgrade 2 of the 3 interior elevators.	Conveying
B	FIU Arena Exit Signs with Battery Back-up Renewal	$ 45,625	Renewal for Exit Signs with battery back-up.	Electrical
B	BBC Hubert Library Floor Finishes Renewal	$ 355,875	Renewal for carpeting based on average age of product.	Interior Finishes
B	EC Fire Alarm System Renewal	$ 1,489,597	Renewal for Notifier Fire Alarm System including equipment, pull stations, strobes, smoke/heat detectors, conduit, wire & connections.	Electrical
B	FIU Arena Emergency Battery Pack Lights Renewal	$ 35,034	Renewal for Emergency Battery Pack Lighting system. Current testing reveiled malfunctioning & inadequate illumination.	Electrical
B	OE Central AHU Distribution Renewal	$ 2,536,097	Renewal for HVAC system with Central AHU servicing offices, classrooms and labs.	HVAC
B	Wolfsonian Annex Main Electrical Service Renewal	$ 24,553	Renewal for Main Electrical Service including incoming feeders, main panel, and metering.	Electrical
B	BBC Central Utilities Bitumen Roofing Renewal	$ 325,000	Renewal for Modified Bitumen Roofing System.	Roofing
B	GC Exhaust System Renewal	$ 151,831	Renewal for 9 Kitchen Exhaust Systems with make-up air units & welded, insulated ducts. Located on the roof of the dining area.	HVAC
B	BBC WUC Electrical Distribution Equipment Renewal	$ 238,339	Renewal for electrical distribution system including panelboards, feeders, transformers & associated equipments.	Electrical
B	Wolfsonian Museum Smoke System Renewal	$ 53,628	Renewal for Smoke Evacuation System including 2 roof-mounted exhaust fans with ducting.	HVAC
B	FIU Arena Fire Sprinkler System Renewal	$ 743,145	Renewal for Wet Sprinkler fire protection system that includes backflow protection & standpipes.	Fire Protection
B	EC Building Electrical Engineering Study	$ 51,493	Provide engineering study to determine additional electrical power requirements for research.	Electrical
B	CP Central AHU Distribution Renewal	$ 1,719,662	Renewal for HVAC system with York Central AHU.	HVAC
B	Wolfsonian Museum Terrazzo Paving on Roof	$ 44,988	Renewal for Terrazzo Paving on Roofs - 5th Floor and 6th Floor terrace. Roof system consistently leaks & difficult to maintain.	Roofing
B	MMC Tower Built-Up Roofing Renewal	$ 45,841	Renewal for Built-Up Roofing system at Ground Floor of the Facility.	Roofing

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B	CASE Central AHU Distribution Renewal	$ 2,437,685	Renewal for McQuay Central AHU w/cooling coils including diffusers and plenum return.	HVAC
B	Building 10 "Alamo" Modified Bitumen Renewal	$ 58,490	Renewal for Modified Bitumen Roof System.	Roofing
B	FIU Arena Central AHU Distribution Renewal	$ 1,865,845	Renewal of HVAC system including AHUs in Mechanical Rooms and 2 located on the upper roof.	HVAC
B	RR President's House Emergency Generator Renewal	$ 260,000	Replace existing 200 KW generator.	Electrical
B	WPAC Built-Up Roofing Renewal	$ 998,214	Renewal for Built-Up Roofing system, metal coping and flashing.	Roofing
B	EC OU Building Main Electrical Service Renewal	$ 228,794	Renewal for Main Electrical Service that includes original double ended General Electric switchboard.	Electrical
B	BBC HM Exhaust System Renewal	$ 198,557	Renewal for Kitchen Exhaust System with make-up air units & welded, insulated ducts. Located on the roof.	HVAC
B	WPAC Built-Up Roofing Renewal	$ 48,868	Renewal for Built-Up Roofing with asphalt rolls and deck insulation.	Roofing
B	EC OU Building Electrical Distribution Renewal	$ 484,160	Renewal for Electrical Distribution System includes Switchboard 4A 7 $B feeding chillers, pumps, panelboards, & assoc. equipment.	Electrical
B	EC OU Building HVAC Renewal	$ 58,182	Renewal for Supply Air Ductwork wo/VAV's or heating coils.	HVAC
B	CP HVAC Ventilation System Renewal	$ 5,071,890	Renewal for HVAC Ventilation System including Hamilton fume hood, Loren Cook exhaust fans & associated equipment in labs.	HVAC
B	West 10A Building Modified Bitumen Renewal	$ 102,038	Renewal for Modified Bitumen Roof system. Installation of a shite EPDM membrane recommended to acquire LEED Certification.	Roofing
B	BBC AC1 Fire Sprinkler System Renewal	$ 168,204	Renewal for Wet Sprinkler fire protection system that includes backflow protection, a fire pump & standpipes.	Fire Protection
B	BBC AC1 Central AHU Distribution Renewal	$ 1,102,377	Renewal for 6 Carrier Multi-Zone AHUs, ductwork, diffusers & plenum return. AHUs in Mechanical Penthouses.	HVAC
B	BBC EL Modified Bitumen Roofing Renewal	$ 39,655	Renewal for Modified Built-Up Bitumen Roofing w/deck insulation.	Roofing
B	BBC HM Modified Bitumen Roofing Renewal	$ 416,764	Renewal for Modified Built-Up Bitumen Roofing w/deck insulation.	Roofing
B	BBC Central Receiving Main Elect Service Renewal	$ 39,469	Renewal for Main Electrical Service System including panelboard w/breakers, transformer, sub-panel, feeders, metering, etc.	Electrical
B	W09 Building Asphalt Shingled Roofing Renewal	$ 32,864	Renewal for Asphalt Shingled Roofing System over asphalt felt sheathing paper.	Roofing
B	BBC AC2 Central AHU Distribution Renewal	$ 946,982	Renewal for 10 Trane AHUs at Ground Floor Mechanical Rooms including ductwork, diffusers & plenum returns.	HVAC
B	BBC Central Utilities Fire Protection System Renewal	$ 38,971	Renewal for Wet Standpipe Fire Protection System including light hazard and standpipe system w/backflow protection.	Fire Protection
B	BBC HM Kitchen Hood Suppression Renewal	$ 90,363	Renewal for Commercial Kitchen Hood Suppression System includes fusible links, pull stations, tanks, nozzles & control panels. Hood not included.	Fire Protection
B	GC HVAC Distribution Renewal	$ 1,379,860	Renewal for 12 Temptrol Central AHUs in various Mechanical Rooms w/cooling coils, inline duct heater, damper controls, etc.	HVAC
B	BBC Central Utilities Main Elect. Services Renewal	$ 611,594	Renewal for 3 of the 4 Main Electrical Systems including switchboards w/breakers, feeders, metering & associated equipment.	Electrical
B	BBC WUC HVAC Distribution (Mech Rm. 121) Renewal	$ 137,797	Renewal for York constant volume AHU in Mechanical Room 121 including ductwork, diffusers & plenum return.	HVAC
B	BBC Public Safety Bitumen Roofing Renewal	$ 32,718	Renewal for Modified Bitumen Built-Up Roofing System w/deck insulation.	Roofing
B	BBC CENTRAL RECEIVING Fire Alarm System Renewal	$ 26,094	Renewal for Fire Alarm System including equipment, pull stations, strobes, smoke/heat detectors, conduit, wire & connections.	Electrical

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B	BBC PHYSICAL PLANT Elect. Dist. Equipment Renewal	$ 134,606	Renewal for Electrial Distribution System including panelboards, feeders, transformers & associated equipment.	Electrical
B	BBC KCC Bitumen Roofing Renewal	$ 102,415	Renewal for Modified Bitumen Built-Up Roofing System w/deck insulation.	Roofing
B	PC Exhaust System/General Building Renewal	$ 26,493	Renewal for 3 roof-mounted exhaust fans w/ducting & supports. Currently do not meet 2007 Florida Building Code Wind Resistance.	HVAC
B	BBC Central Utilities Elect. Dist. Equipment Renewal	$ 104,878	Renewal for electrical distribution system including panelboards, feeders, transformers & associated equipment.	Electrical
B	BBC Hubert Library Fire Pump Renewal	$ 37,192	Renewal for 30 HP Electric Fire Pump w/controller & electric jockey pump. Backflow preventer not included.	Fire Protection
B	BBC Physical Plant Hydraulic Elevator Renewal	$ 112,823	Renewal for Hydraulic Passenger Elevator, 1200 lbs, 2 stories.	Conveying
B	BBC Physical Plant Main Electrical Service Renewal	$ 79,300	Renewal for Main Electrical Service including switchboard, breakers, feeders, metering & associated equipment.	Electrical
B	Wolfsonian Museum Bitumen Roofing Renewal	$ 306,739	Renewal for Modified Bitumen Roofing w/deck insulation.	Roofing
B	BBC Grounds Bldg Main Electrical Service Renewal	$ 31,772	Renewal for Main Electrical Service including panelboard, breakers, transformer, sub-panel, feeders, metering & assoc. equipment.	Electrical
B	CSC Shops Emergency Generator Renewal	$ 186,312	Renewal for Emergency Generator in Room 1080 serving life safety loads throughout the Building.	Electrical
B	BBC AC1 HVAC Distribution System Renewal	$ 939,134	Renewal for 6 AHUs, ductwork, diffusers & plenum returns in Mech. Rooms 139, 159 and 192.	HVAC
B	Wolfsonian Annex Windows Replacement/Remediation	$ 500,000	Replacement of existing deteriorated windows and misc. repairs.	Exterior Enclosure
B	OE Restrooms Renovations	$ 1,429,200	Academic Affairs request to renovate/upgrade restrooms & improve ADA issues.	Plumbing
B	CSC HVAC Improvements	$ 600,000	Replace Panther Soft Roof Top Unit w/Chilled Water. Add A/C to Custodial Rooms 1144 and 1143.	HVAC
B	MMC West Campus Water Distribution Upgrades	$ 3,000,000	Water distribution upgrades MMC West Campus	Plumbing
B	Ryder Business ADA Site Improvements	$ 240,000	Preliminary total cost projection. Addition of ADA accessible ramps and railings.	Super Structure
B	PC Building Room 205 Code Improvements	$ 139,348	Total "Preliminary" Cost Projection. Add fire-rated wall and caulking.	Interior Finishes
B	BBC CU - Branch Wiring Devices - Branch Wiring - Equipment & Devices	$ 30,064	Replacement for Branch Wiring - Equipment & Devices. Branch wiring for the building consists of an average concentration of interior and exterior branch wiring devices, junction boxes, wiring, conduits, receptacles and their cover plates. Wiring devices such as receptacles and switches are typically specification grade devices with stainless steel cover plates.	Electrical
B	BBC CU - Lighting Equipment - Lighting Fixtures	$ 78,555	Replacement for Lighting Fixtures. The lighting in the building includes a variety of lighting fixtures. Lighting is generally as follows: Corridors - 1'x4' 2 Lamp recessed fixtures, with prismatic diffusers (fluorescent) Offices - 2'x4' 2 Lamp recessed fixtures, with prismatic diffusers (fluorescent) Mechanical Spaces - Industrial fixtures (fluorescent) Lamping used includes: 4' fluorescent fixtures - 32W, T-8 fluorescent lamps Downlights - 26 or 32W compact fluorescent lamps or metal halide Lighting system includes lighting fixtures, lamps, conduit, wire, and switching controls.	Electrical
B	BBC CR - Roofing - SBS - Modified Bitumen Roofing	$ 58,152	Replacement for SBS - Modified Bitumen Roofing. The roof covering is a SBS modified bitumen built-up roofing system with deck insulation.	Roofing
B	BBC CR - Low Tension Service and Dist. - Main Electrical Service	$ 36,661	Replacement for Main Electrical Service. The building's main electrical service is 225A, 480/277V. The main electrical services includes a panelboard with distribution breakers, transformer, and sub panel. System also includes feeders, metering and associated equipment.	Electrical

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B	BBC CR - Branch Wiring Devices - Branch Wiring - Equipment & Devices	$ 20,620	Replacement for Branch Wiring - Equipment & Devices. Branch wiring for the building consists of an average concentration of interior and exterior branch wiring devices, junction boxes, wiring, conduits, receptacles and their cover plates. Wiring devices such as receptacles and switches are typically specification grade devices with stainless steel cover plates.	Electrical
B	BBC CR - Fire Alarm Systems - Fire Alarm System	$ 20,570	Replacement for Fire Alarm System. The building includes an addressable fire alarm system. The fire alarm system includes: head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smoke and or heat detectors in some rooms, conduit, wire and connections.	Electrical
B	BBC CR - Local Area Networks - LAN System	$ 25,627	Replacement for LAN System. The building has a tel/data closet to support a light density local area network (LAN) system. Data is distributed through Cat 5E and Cat 6 cables to jacks and other data distribution locations throughout the building. The system is regularly maintained as part of PM program and is continuously being upgraded.	Electrical
B	BBC HL - Emergency Light and Power Systems - Emergency Egress Lighting	$ 61,135	Replacement for Emergency Egress Lighting. The building's emergency lighting is provided by selected fixtures connected to emergency power circuits. Emergency power is provided by an emergency generator located at the Central Utility Plant.	Electrical
B	BBC HM - Low Tension Service and Dist. - Distribution Equipment, Panelboards, and Feeders - 1990	$ 93,128	Replacement for Distribution Equipment, Panelboards, and Feeders - 1990. The electrical distribution system for this part of the building includes an average concentration of panelboards, feeders, transformers and associated equipment.	Electrical
B	BBC HM - Lighting and Branch Wiring - Lighting - Exterior	$ 34,271	Replacement for Lighting - Exterior. Exterior lighting for the building consists of 2'x2' HID surface mounted fixtures, surface 1'x1' and 8' strip fixtures (both fluorescents,) and down lights.	Electrical
B	BBC HM - Branch Wiring Devices - Branch Wiring - Equipment & Devices - 1990	$ 58,011	Replacement for Branch Wiring - Equipment & Devices - 1990. Branch wiring for this part of the building consists of an average concentration of interior and exterior branch wiring devices, junction boxes, wiring, conduits, receptacles and their cover plates. Wiring devices such as receptacles and switches are typically specification grade devices with stainless steel cover plates.	Electrical
B	BBC HM - Lighting Equipment - Lighting Fixtures - 1990	$ 155,615	Replacement for Lighting Fixtures - 1990. The lighting in this part of the building includes a variety of lighting fixtures. Lighting is generally as follows: Corridors - 2'x4' 3 and 4 Lamp recessed fixtures, with parabolic diffusers (fluorescent) and down lights Offices - 2'x4' 4 Lamp recessed fixtures, with prismatic diffusers or 2'x4' 2 Lamp recessed fixtures with parabolic diffusers (fluorescent) Mechanical Spaces - Industrial fixtures (fluorescent) Lamping used includes: 4' fluorescent fixtures - 32W, T-8 fluorescent lamps Down lights - 26 or 32W compact fluorescent lamps Lighting system includes lighting fixtures, lamps, conduit, wire, and switching controls. Note: Years remaining have been extended due to good condition of this system.	Electrical
B	BBC HM - Security and Detection Systems - Closed Circuit Television (CCTV)	$ 54,098	Replacement for Closed Circuit Television (CCTV). The building includes a typical Closed Circuit Television (CCTV) security system. The system monitors points of egress and interest. The CCTV security system includes as a minimum: video recorder, monitoring stations, cameras, conduit, and cabling. Note: Years remaining have been extended due to good condition of this system.	Electrical
B	BBC S03 - Roofing - SBS - Modified Bitumen Roofing	$ 139,578	Replacement for SBS - Modified Bitumen Roofing. The roof covering is a SBS modified bitumen built-up roofing system with deck insulation.	Roofing
B	BBC S03 - Lighting and Branch Wiring - Lighting - Exterior	$ 24,618	Replacement for Lighting - Exterior. Exterior lighting for the building consists of HID surface canopy fixtures.	Electrical

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B	BBC S03 - Branch Wiring Devices - Branch Wiring - Equipment & Devices	$ 49,493	Replacement for Branch Wiring - Equipment & Devices. Branch wiring for the building consists of an average concentration of interior and exterior branch wiring devices, junction boxes, wiring, conduits, receptacles and their cover plates. Wiring devices such as receptacles and switches are typically specification grade devices with stainless steel cover plates.	Electrical
B	BBC S03 - Lighting Equipment - Lighting Fixtures	$ 35,227	Replacement for Lighting Fixtures. The lighting in the building includes a variety of lighting fixtures. Lighting is generally as follows: Corridors - 2'x4' 2 Lamp recessed fixtures prismatic diffusers (fluorescent) Offices - 2'x4' 2 or 4 Lamp recessed fixtures with prismatic diffusers (fluorescent) Shops - Industrial fixtures (fluorescent) Mechanical Spaces - Industrial fixtures (fluorescent) Lamping used includes: 4' fluorescent fixtures - 40W, T-12 fluorescent lamps Lighting system includes lighting fixtures, lamps, conduit, wire, and switching controls.	Electrical
B	BBC S03 - Fire Alarm Systems - Fire Alarm System	$ 84,729	Replacement for Fire Alarm System. The building includes an addressable fire alarm system. The fire alarm system includes: head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smoke and or heat detectors in some rooms, conduit, wire and connections.	Electrical
B	BBC S03 - Security and Detection Systems - Security System	$ 30,820	Replacement for Security System. The building is equipped with an average density security system. The security system includes as a minimum: alarm panel, door contacts, motion detectors, card reader, electric eyes, conduit and wiring. Note: Years remaining have been extended due to good condition of this system.	Electrical
B	BBC S03 - Local Area Networks - LAN System	$ 61,510	Replacement for LAN System. The building has multiple tel/data rooms and / or closets to support a medium density local area network (LAN) system. Data is distributed through Cat 5E and Cat 6 cables above the corridor ceiling to jacks and other data distribution locations throughout the building. The system is regularly maintained as part of PM program and is continuously being upgraded.	Electrical
B	KCC - Fire Protection - Kitchen Hood Suppression	$ 67,149	Replacement for Kitchen Hood Suppression. [System includes a R-102 chemical fire suppression system for a typical commercial kitchen. Fire suppression includes fusible links, manual pull stations, 3 gallon tanks, nozzles, and control panels. Hood not included.]	Fire Protection
B	KCC - Lighting and Branch Wiring - Lighting - Exterior	$ 86,360	Replacement for Lighting - Exterior. Exterior lighting for the building consists of HID wall mounted up lights, down lights, and post top mounted walkway luminaries. Note: Years remaining have been extended due to good condition of this system.	Electrical
B	KCC - Lighting Equipment - Lighting Fixtures	$ 472,636	Replacement for Lighting Fixtures. The lighting in the building includes a variety of lighting fixtures. Lighting is generally as follows: Corridors - 2'x4' 3 Lamp recessed fixtures, with parabolic diffusers (fluorescent) and downlights Meeting Rooms - 2'x4' 3 Lamp recessed fixtures, with parabolic diffusers (fluorescent) and downlights Offices - 2'x4' 2 Lamp recessed fixtures, with prismatic diffusers (fluorescent) Mechanical Spaces - Industrial fixtures (fluorescent) Lamping used includes: 4' fluorescent fixtures - 32W, T-8 fluorescent lamps Downlights - 26 or 32W compact fluorescent lamps or metal halide Lighting system includes lighting fixtures, lamps, conduit, wire, and switching controls. Note: Years remaining have been extended due to good condition of this system.	Electrical
B	KCC - Television Systems - AV / Television System	$ 57,979	Replacement for AV / Television System. The building has a typical audio visual / television system. The system includes head end equipment, wall outlets, conduits, and cables.	Electrical
B	KCC - Fire Alarm Systems - Fire Alarm System	$ 119,081	Replacement for Fire Alarm System. The building includes an addressable fire alarm system. The fire alarm system includes: head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smoke and or heat detectors in some rooms, conduit, wire and connections.	Electrical

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B	KCC - Security and Detection Systems - Closed Circuit Television (CCTV)	$ 32,172	Replacement for Closed Circuit Television (CCTV). The building includes a typical Closed Circuit Television (CCTV) security system. The system monitors points of egress and interest. The CCTV security system includes as a minimum: video recorder, monitoring stations, cameras, conduit, and cabling. Note: Years remaining have been extended due to good condition of this system.	Electrical
B	KCC - Security and Detection Systems - Security System	$ 94,951	Replacement for Security System. The building is equipped with an average density security system. The security system includes as a minimum: alarm panel, door contacts, motion detectors, card reader, electric eyes, conduit and wiring. Note: Years remaining have been extended due to good condition of this system.	Electrical
B	KCC - Local Area Networks - LAN System	$ 229,975	Replacement for LAN System. The building has multiple tel/data rooms and / or closets to support a medium density local area network (LAN) system. Data is distributed through Cat 5E and Cat 6 cables above the corridor ceiling to jacks and other data distribution locations throughout the building. The system is regularly maintained as part of PM program and is continuously being upgraded.	Electrical
B	KCC - Emergency Light and Power Systems - Emergency Generator	$ 44,031	Replacement for Emergency Generator. The building's emergency power system includes an emergency generator. Included in the system: emergency generator, ATS, battery charger, muffler, day tank, feeder, wiring and panelboard.	Electrical
B	AHC1 - Lighting and Branch Wiring - Lighting - Exterior - Canopy Lighting	$ 36,860	Replacement for Lighting - Exterior - Canopy Lighting. Exterior lighting consists of canopy lights with incandescent lamps. The fixtures are beginning to accumulate debris that will inhibit the functioning of the system. Fixtures installed are not appropriate. The years remaining observed has been decreased. Exterior - Incandescent Canopy/Soffit Lighting	Electrical
B	AHC1 - Security and Detection Systems - Security System - CCTV	$ 65,725	Replacement for Security System - CCTV. The building inlcudes a typical CCTV security system. The system monitors points of egressand hallways. The CCTV security system includes digital video recorders, monitoring station, cameras, conduit, and cabling. The system is manufactured by Panasonic. Most of the equpment is located in room 100T2. It is IP enabled. The system is in excellent working order and the years remaining observed has been extended.	Electrical
B	AHC1 - Emergency Light and Power Systems - Emergency Battery Pack Lights	$ 56,782	Replacement for Emergency Battery Pack Lights. The emergency lighting system includes self-contained battery packs and lights. The emegency battery backup lights are in good working order. The years remaining observed has been extended.	Electrical
B	AHC1 - Emergency Light and Power Systems - Exit Signs	$ 28,217	Replacement for Exit Signs. The emergency power system includes the installation of Exit signs on an average density level. Installation includes single and double sided exit signs, conduit, wire, boxes, conduit bends, connections and circuit breakers. The signs have LED style lights internally. The fixtures appear to be in good working order.	Electrical
B	AHC2 - Fire Alarm Systems - Fire Alarm System	$ 208,587	Replacement for Fire Alarm System. This building includes an average density fire alarm system. The fire alarm system includes head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smokes in some rooms, conduit, wire and connections. The fire alarm control panel (FACP) is manufactured by Notifier (model AFP-400) and located in room 151M1. The system appears to be in excellent working order, the years remaining observed has been extended.	Electrical
B	AHC2 - Security and Detection Systems - Security System - Burglar Alarm System	$ 118,428	Replacement for Security System - Burglar Alarm System. The building includes a typical security system (burglar alarm). The security system includes control panels, key pads, detection devices, conduit, and cabling. The system is manufactured by GE.	Electrical
B	AHC2 - Security and Detection Systems - Security System - CCTV	$ 65,725	Replacement for Security System - CCTV. The building includes a typical CCTV security system. The system monitors points of egress and hallways. The CCTV security system includes digital video recorders, monitoring station, cameras, conduit, and cabling. The system is manufactured by Panasonic. Most of the recording equipment is located in room 151T1. It is IP enabled. The system is in excellent working order and the years remaining observed has been extended.	Electrical

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
B	AHC2 - Emergency Light and Power Systems - Automatic Transfer Switch	$ 23,925	Replacement for Automatic Transfer Switch. The emergency power system includes three automatic transfer switches. The system is manufactured by Asco. It is a 7000 series model and is rated for 600A-480/277V. The system is located in room 151M1.	Electrical
B	AHC2 - Emergency Light and Power Systems - Exit Signs	$ 28,217	Replacement for Exit Signs. The emergency lighting system includes the installation of Exit signs on an average density level. Installation includes single and double sided exit signs, conduit, wire, boxes, conduit bends, connections and circuit breakers. The signs have LED style lights internally. The fixtures appear to be in good working order, the years remaining observed have been extended.	Electrical
B	AHC3 - Emergency Light and Power Systems - Exit Signs	$ 27,557	Replacement for Exit Signs. The emergency lighting system includes the installation of Exit signs on an average density level. Installation includes single and double sided exit signs, conduit, wire, boxes, conduit bends, connections and circuit breakers. The signs have LED style lights internally. The fixtures appear to be in good working order.	Electrical
B	BT - Lighting Equipment - Lighting Fixtures - Heavy Density	$ 65,995	Replacement for Lighting Fixtures - Heavy Density. The building includes a heavy density lighting system. Lighting system includes lighting fixtures, lamps, conduit and wire. The system is comprised T8's and electronic ballasts. The lighting fixtures in the public areas are primarily (2x4) recessed with gridded reflective lenses.	Electrical
B	BT - Telephone Systems - Telephone System	$ 32,952	Replacement for Telephone System. The building includes an average density telephone system. The system appears to be in a similar conditional state as the LAN system. The years remaining observed have been extended so both systems are equal.	Electrical
B	BT - Local Area Networks - LAN System	$ 50,027	Replacement for LAN System. Building includes a heavy density local area network system. A typical telecommunication closet contains cat 5, 5e, or 6 wiring. They also have ladder style cable trays, and server/router racks.	Electrical
B	CSC - Security and Detection Systems - Security System - Card Access System	$ 39,477	Replacement for Security System - Card Access System. The building includes a typical card access security system. The security system includes as a minimum: control panels, card swipe pads, conduit, and cabling.	Electrical
B	PC - Low Tension Service and Dist. - Main Electrical Service - 3000A 480Y/277V	$ 920,756	Replacement for Main Electrical Service - 3000A 480Y/277V. The building includes a typical electrical service, which includes incoming feeders, main switchgear, and metering. Main Electric Room 103. Years Remaining are increased , due to items actual condition.	Electrical
B	PC - Fire Alarm Systems - Fire Alarm System	$ 525,435	Replacement for Fire Alarm System. This building includes an average density addressable type fire alarm system. The fire alarm system includes: head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smokes in some rooms, conduit, wire and connections. FACP located in Room 107D.	Electrical
B	CP - Telephone Systems - Telephone System	$ 152,939	Replacement for Telephone System. The building includes a light density telephone system. The telephone system was judged to be in the same condition as the LAN system. The years remaining observed has been extended.	Electrical
B	CP - Fire Alarm Systems - Fire Alarm System	$ 231,939	Replacement for Fire Alarm System. This building includes an average density fire alarm system. The fire alarm system includes head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smokes in some rooms, conduit, wire and connections. The fire alarm control panel (FACP) is manufactured by Notifier (model AFP-400) and located in room 192. The system appears to be in good working order. The years remaining observed has been extended.	Electrical
B	CP - Local Area Networks - LAN System	$ 696,568	Replacement for LAN System. Building includes a heavy density local area network system. A typical telecommunication closet contains cat 5, 5e, or 6 wiring. They also have ladder style cable trays, and server/router racks.	Electrical

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
B	CP - Emergency Light and Power Systems - Exit Signs	$ 31,376	Replacement for Exit Signs. The emergency lighting system includes the installation of Exit signs on an average density level. Installation includes single and double sided exit signs, conduit, wire, boxes, conduit bends, connections and circuit breakers. The signs have LED style lights internally. The fixtures appear to be in good working order.	Electrical
B	CP - Emergency Light and Power Systems - UPS System - 50kVA (1)	$ 76,191	Replacement for UPS System - 50kVA (1). The emergency power system includes a 50kVA UPS. System includes UPS controls, charging system and batteries. The system is manufactured by United Power Corp. It is located in room 192. The system does not appear to be functional.	Electrical
B	CP - Emergency Light and Power Systems - UPS System - 50kVA (2)	$ 76,191	Replacement for UPS System - 50kVA (2). The emergency power system includes a 50kVA UPS. System includes UPS controls, charging system and batteries. The system is manufactured by Liebert. It is located in room 192. The system does not appear to be functional.	Electrical
B	CASE - Security and Detection Systems - Security System - Burglar Alarm System	$ 28,367	Replacement for Security System - Burglar Alarm System. The building includes a typical security system (burglar alarm). The security system includes control panels, key pads, detection devices, conduit, and cabling. The system was manufactured by Moose and monitors mainly the lab areas.	Electrical
B	CASE - Grounding Systems - Lightning Protection System - Bldg Under 75'	$ 25,552	Replacement for Lightning Protection System - Bldg Under 75'. The building includes a typical lightning protection system. The lightning protection system includes air terminals, equipment connections, down conductors, ground terminals, and cabling.	Electrical
B	WPAC - Lighting and Branch Wiring - Lighting - Exterior-Floodlights	$ 30,007	Replacement for Lighting - Exterior- Floodlights. Exterior lighting consists of direct and indirect floodlights.	Electrical
B	WPAC - Lighting Equipment - Stage Lighting	$ 506,947	Replacement for Stage Lighting. Stage lighting includes master control panel, spots, borders and stage lights for the Auditorium and the Concert Hall Lighting and Dimming Systems. This System includes the Dimmer System included as a Means Line Item) and is included in the FIU ongoing: Project Design - WPAC - New dimmer system - Existing is outdated no parts	Electrical
B	WPAC - Fire Alarm Systems - Fire Alarm System	$ 153,082	Replacement for Fire Alarm System. This building includes an average density addressable, voice evac type fire alarm system. The fire alarm system includes: head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smokes in some rooms, conduit, wire and connections. There is a control panel dedicated for each floor.	Electrical
B	WPAC - Security and Detection Systems - Security System - Burglar Alarm System	$ 37,261	Replacement for Security System - Burglar Alarm System. The building includes a typical security system (burglar alarm). The security system includes as a minimum: control panels, key pads, detection devices, conduit, and cabling. The system protects the building perimeter, is monitored at the main reception desk and public safety office.	Electrical
B	WPAC - Security and Detection Systems - Security System - CCTV	$ 20,679	Replacement for Security System - CCTV. The building includes a typical CCTV security system. The system monitors points of egress. The CCTV security system includes as a minimum: video recorder, monitoring station, cameras, conduit, and cabling. The system protects the perimeter of the building. The system is monitored at the reception desk and can be accessed remotely via the LAN network throughout the campus.	Electrical
B	OBCC - Roofing - Modified Bitumen	$ 174,800	The low roof needs immediate attention. A roof coating will extend the life expectancy of the roof.	Roofing

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B	OBCC - Lighting Equipment - Indoor Sports Arena Lighting ? Professional/College Arena	$ 380,880	Replacement for Indoor Sports Arena Lighting ? Professional/College Arena. The arena includes a heavy density lighting system. This system is representative of the lighting system that one would find in a professional sports arena or Division 1 college sports stadium. The lighting and associated controls in the basketball court area was reported by staff to becoming more problematic with increasingly frequent failures. Temporary wiring was installed in 2003 to correct a control problem and has not been completely corrected. Observed Years Remaining have been adjusted to reflect the condition of the system.	Electrical
B	OBCC - Emergency Light and Power Systems - Emergency Battery Pack Lights	$ 29,432	Replacement for Emergency Battery Pack Lights. The emergency lighting system includes self-contained battery packs and lights for egress lighting. The units are of mixed ages and conditions due to being replaced on an "As-Needed" basis. The Year Installed has been selected to represent an average age of the units. Many of the Battery Packs were tested during the assessment and were observed to be malfunctioning. Battery units failed to illuminate as required by NFPA 101 7.8 Illumination of Means of Egress. A complete inspection and testing of all units is suggested, as well as the initiation of a preventative maintenance program to insure reliability of the system.	Electrical
B	PPFAM - Emergency Light and Power Systems - Emergency Battery Pack Lights	$ 23,996	Replacement for Emergency Battery Pack Lights. The emergency lighting system includes self-contained battery packs and lights as a supplemental emergency system to the emergency generator.	Electrical
B	PCA - Emergency Light and Power Systems - Exit Signs	$ 29,940	Replacement for Exit Signs. The emergency lighting system includes the installation of Exit signs on an average density level. Installation includes single and double sided exit signs, conduit, wire, boxes, conduit bends, connections and circuit breakers. The signs have LED style lights internally. The fixtures appear to be in good working order, the years remaining observed have been extended.	Electrical
B	RDB - Public Address and Music Systems - Public Address System	$ 322,975	Replacement for Public Address System. The building includes an average density public address system. The public address system includes as a minimum: amplifier, intercom/monitor, volume control, speakers (ceilings or walls), conduit and shielded wiring.	Electrical
B	RDB - Telephone Systems - Telephone System	$ 539,149	Replacement for Telephone System. The building includes an average density telephone system. The main distribution equipment is located in the Tel/Data Closet on the ground level and is distributed throughout the building. The system is regularly maintained as part of PM program and upgraded as required.	Electrical
B	RDB - Fire Alarm Systems - Fire Alarm System	$ 725,056	Replacement for Fire Alarm System. This building includes an average density fire alarm system. The fire alarm system includes: head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smokes in some rooms, conduit, wire and connections. The system is regularly maintained as part of PM program and upgraded as required.	Electrical
B	RDB - Security and Detection Systems - Security System - Burglar Alarm System	$ 203,555	Replacement for Security System - Burglar Alarm System. The building includes a typical security system (burglar alarm). The security system includes as a minimum: control panels, key pads, detection devices, conduit, and cabling. The system protects the building perimeter, is monitored at the main reception desk and public safety office. A book theft system is included in this system.	Electrical
B	RDB - Security and Detection Systems - Security System - Card Access System	$ 44,569	Replacement for Security System - Card Access System. The building includes a typical card access security system. The security system includes as a minimum: control panels, card swipe pads, conduit, and cabling. The system protects the building perimeter, is monitored at the main reception desk and public safety office.	Electrical

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
B	RDB - Security and Detection Systems - Security System - CCTV	$ 40,622	Replacement for Security System - CCTV. The building includes a typical CCTV security system. The system monitors points of egress. The CCTV security system includes as a minimum: video recorder, monitoring station, cameras, conduit, and cabling. The system protects the perimeter of the building. The system is monitored at the reception desk and can be accessed remotely via the LAN network throughout the campus. A campus-wide upgrade is in process and will expand the protected areas to include areas inside the building.	Electrical
B	RDB - Emergency Light and Power Systems - Exit Signs	$ 109,664	Replacement for Exit Signs. The emergency lighting system includes the installation of Exit signs on an average density level. Installation includes: single and double sided Exit signs, conduit, wire, boxes, conduit bends, connections and circuit breakers. The system is frequently maintained and upgraded as required because of this the Observed Years were adjusted to reflect the condition of the equipment.	Electrical
B	RB - Roofing - BUR (Built-Up Roofing)	$ 244,588	Replacement for BUR (Built-Up Roofing). The roof covering is a built-up roofing system with gravel and deck insulation.	Roofing
B	RB - Telephone Systems - Telephone System - Average Density	$ 206,104	Replacement for Telephone System - Average Density. The building includes an average density telephone system.	Electrical
B	ZEB - Lighting Equipment - Lighting Fixtures - Average Density	$ 225,395	Replacement for Lighting Fixtures - Average Density. The building includes a average density lighting system. Lighting system includes lighting fixtures, lamps, conduit and wire. Interior lighting consists of T-8 fluorescent fixtures, and hi hat cans typically with compact fluorescent bulbs. Fluorescent fixtures have been retrofit with electronic ballast and T-8 lamps	Electrical
B	ZEB - Telephone Systems - Telephone System - Average Density	$ 201,455	Replacement for Telephone System - Average Density. The building includes an average density telephone system. Rooms that service the telephone system: 1st floor 040, 138, 2nd floor 218A and 243B, 3rd floor 318 and 343B.	Electrical
B	ZEB - Television Systems - Television System	$ 72,646	Replacement for Television System. The building includes typical television system including, head end equipment, wall outlets, conduits, and cables.	Electrical
B	ZEB - Security and Detection Systems - Security System - Average Density	$ 93,983	Replacement for Security System - Average Density. The building is equipped with an average density security system. The security system includes as a minimum: alarm panel, door contacts, motion detectors, card reader, electric eyes, conduit and wiring.	Electrical
B	ZEB - Security and Detection Systems - Security System - Burglar Alarm System	$ 57,820	Replacement for Security System - Burglar Alarm System. The building includes a typical security system (burglar alarm). The security system includes as a minimum: control panels, key pads, detection devices, conduit, and cabling.	Electrical
B	ZEB - Emergency Light and Power Systems - Emergency Battery Pack Lights	$ 27,723	Replacement for Emergency Battery Pack Lights. The emergency lighting system includes a self contained battery pack and light fluorescent fixtures.	Electrical
B	GL - Fire Alarm Systems - Fire Alarm System	$ 1,684,200	Replacement for Fire Alarm System. This building includes an average density fire alarm system. The fire alarm system includes head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smokes in some rooms, conduit, wire and connections. The fire alarm control panel (FACP) is manufactured by Notifier and located in 100W2 (east side of Star Bucks area). The system also has signal power expanders located on each floor. These are located in electrical closets, and are Silent Knight (model 5295). The system appears to be in good working order. The years remaining observed has been extended.	Electrical
B	GL - Emergency Light and Power Systems - Exit Signs	$ 254,734	Replacement for Exit Signs. The emergency lighting system includes the installation of Exit signs on an average density level. Installation includes single and double sided exit signs, conduit, wire, boxes, conduit bends, connections and circuit breakers. The signs have undergone upgrades and now contain LED style lights internally. The fixtures appear to be in good working order.	Electrical

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B	VH - Fire Protection - Wet Sprinkler System	$ 383,044	Replacement for Wet Sprinkler System. The fire protection systems includes a light hazard wet sprinkler system, which includes backflow prevention with no pump servicing appr. 90% of the building.	Fire Protection
B	VH - Branch Wiring Devices - Branch Wiring - Equipment & Devices	$ 89,391	Replacement for Branch Wiring - Equipment & Devices. Branch wiring for this building includes a average concentration of interior and exterior branch wiring, devices, and utilization equipment. The system appears to be in good working order, the years remaining observed have been extended.	Electrical
B	VH - Lighting Equipment - Lighting Fixtures - 1994	$ 341,960	Replacement for Lighting Fixtures - 1994. The building includes a heavy density lighting system. Lighting system includes lighting fixtures, lamps, conduit and wire. The system is comprised T8's and electronic ballasts. The lighting fixtures in the public areas are primarily (2x4) recessed with prismatic lenses. The mechanical rooms have (1x4) fluorescents with wrap around cages. There are also recessed compact fluorescent lights in cone fixtures.	Electrical
B	VH - Security and Detection Systems - Security System - Burglar Alarm System	$ 92,092	Replacement for Security System - Burglar Alarm System. The building includes a typical security system (burglar alarm). The security system includes control panels, key pads, detection devices, conduit, and cabling. It was reported that the system is no longer functioning.	Electrical
B	VH - Local Area Networks - LAN System	$ 370,314	Replacement for LAN System. Building includes a heavy density local area network system. A typical telecommunication closet contains cat 5, 5e, or 6 wiring. They also have ladder style cable trays, and server/router racks.	Electrical
B	VH - Emergency Light and Power Systems - Emergency Battery Pack Lights	$ 62,811	Replacement for Emergency Battery Pack Lights. The emergency lighting system includes self-contained battery packs and lights. The system appears to be in good working order. The years remaining observed have been extended.	Electrical
B	WC - Low Tension Service and Dist. - Distribution Equipment, Panelboards, and Feeders (Deteriorated Condition)	$ 164,530	Replacement for Distribution Equipment, Panelboards, and Feeders (Deteriorated Condition). The electrical distribution system for this building includes an average concentration of panelboards, feeders, and associated equipment. The equipment is primarily manufactured by GE and Siemens. The equipment located in the Green House area of Wertheim Conservatory is severely deteriorated. The years remaining observed has been decreased to reflect this fact. Adjustment factor has been changed to account for overheads not typically included in VFA system models. The adjustment factor is now ten.	Electrical
B	WC - Low Tension Service and Dist. - Main Electrical Service	$ 20,819	Replacement for Main Electrical Service. The building includes a typical electrical service, which includes incoming feeders, main panel, and metering. The main service panels are GE.	Electrical
B	WC - Branch Wiring Devices - Branch Wiring - Equipment & Devices	$ 21,748	Replacement for Branch Wiring - Equipment & Devices. Branch wiring for this building includes a average concentration of interior and exterior branch wiring, devices, and utilization equipment.	Electrical
B	WC - Telephone Systems - Telephone System	$ 23,737	Replacement for Telephone System. The building includes an average density telephone system.	Electrical
B	WC - Fire Alarm Systems - Fire Alarm System	$ 31,916	Replacement for Fire Alarm System. This building includes an average density fire alarm system. The fire alarm system includes: head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smokes in some rooms, conduit, wire and connections. The fire alarm control panel (FACP) is a Silent Knight 5207. It is located in room 102. The system appears to be in good working order. The years remaining observed has been extended.	Electrical
B	W01 - Low Tension Service and Dist. - Main Electrical Service - 600A 480Y/277V	$ 67,287	Replacement for Main Electrical Service - 600A 480Y/277V. The building includes a typical electrical service, which includes incoming feeders, main panel, and metering. The equipment manufacturer is no longer in business and replacement parts are difficult to find. Observed Years Remaining have been adjusted to reflect the condition of the system.	Electrical

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
B	W09 - Low Tension Service and Dist. - Distribution Equipment, Panelboards, and Feeders - 1200A 208Y/120V	$ 21,980	Replacement for Distribution Equipment, Panelboards, and Feeders - 1200A 208Y/120V. The electrical distribution system for this building includes an average concentration of panelboards, feeders, and associated equipment. Observed Years Remaining have been adjusted to reflect the condition of the system.	Electrical
B	W09 - Low Tension Service and Dist. - Main Electrical Service - 1200A 208Y/120V	$ 210,112	Replacement for Main Electrical Service - 1200A 208Y/120V. The building includes a typical electrical service, which includes incoming feeders, main panel, and metering. The system is located in a dedicated closet and feeds equipment throughout the building Observed Years Remaining have been adjusted to reflect the condition of the system.	Electrical
B	W09 - Low Tension Service and Dist. - Main Electrical Service - 800A 208Y/120V	$ 56,809	Replacement for Main Electrical Service - 800A 208Y/120V. The building includes a typical electrical service, which includes incoming feeders, main panel, and metering.	Electrical
B	W09 - Branch Wiring Devices - Branch Wiring - Equipment & Devices	$ 21,667	Replacement for Branch Wiring - Equipment & Devices. Branch wiring Devices for this building includes a average concentration of interior and exterior branch wiring, devices, and utilization equipment.	Electrical
B	EC - Low Tension Service and Dist. - Distribution Equipment - 2500A 480Y/277V - Normal Power - 1980	$ 4,154,714	Replacement for Distribution Equipment - 2500A 480Y/277V - Normal Power - 1980. The electrical distribution system for this building includes original switchboard, panelboards, MCCs, feeders, and associated equipment. The system appears to be in good working order, the years remaining observed have been extended.	Electrical
B	EC - Lighting and Branch Wiring - Lighting - Exterior - Parking Garage	$ 116,389	Replacement for Lighting - Exterior - Parking Garage. Parking Garage lighting consists of vaportight surface mounted fluorescent fixtures.	Electrical
B	EC - Intercommunication and Paging System - Intercom System	$ 62,044	Replacement for Intercom System. The building includes an intercom system.	Electrical
B	EC - Telephone Systems - Telephone System - VOIP	$ 454,660	Replacement for Telephone System - VOIP. Digital services are provided throughout the building. The building includes a VOIP telephone system. The system appears to be in good working order, the years remaining observed have been extended.	Electrical
B	EC - Emergency Light and Power Systems - ~ Emergency Battery Pack Lights	$ 234,156	Replacement for ~ Emergency Battery Pack Lights. The emergency lighting system includes self-contained battery packs and lights.	Electrical
B	EC - Emergency Light and Power Systems - ~ Exit Signs	$ 184,958	Replacement for ~ Exit Signs. The emergency lighting system includes the installation of Exit signs on an average density level. Installation includes single and double sided exit signs, conduit, wire, boxes, conduit bends, connections and circuit breakers. The signs have LED style lights internally. Some of the fixtures appear to be in good working order.	Electrical
B	EC - Emergency Light and Power Systems - UPS System	$ 82,155	Replacement for UPS System. The emergency power system includes UPS located in room 1215. System includes: UPS controls, charging system and batteries.	Electrical
B	EC - Floor Raceway Systems - Floor Raceway System - 3rd Floor	$ 308,554	Replacement for Floor Raceway System - 3rd Floor. The third floor raceway system includes the installation of a cellular metal floor raceway system. Installation includes under floor duct, device inserts, devices, conduit, and wire.	Electrical
B	EC OU - Branch Wiring Devices - Branch Wiring - Equipment & Devices	$ 68,249	Replacement for Branch Wiring - Equipment & Devices. Branch wiring for this building includes an average concentration of interior and exterior branch wiring, devices, and utilization equipment. The system appears to be in good working order, the years remaining observed have been extended.	Electrical

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B	EC OU - Lighting Equipment - Lighting Controls	$ 91,665	Replacement for Lighting Controls. Infrared passive sensors control lights in offices and lab areas where wall plate sensors are being used are combined with wall switches. Corridor lights are switched at main entries. 3-way and 4-way switches are used. Corridor lights on emergency power are provided with control relay connected to emergency power to keep emergency lights on regardless of the wall switch position. Fluorescent light fixtures are fed from Lighting Panels 277/480V 3Ph 4W. Exit signs and selected fluorescent light fixtures are fed from Lighting Panels 277/480V 3Ph 4W connected to emergency power. General area and corridor lighting are controlled via time switches.	Electrical
B	EC OU - Lighting Equipment - Lighting Fixtures	$ 228,797	Replacement for Lighting Fixtures. The building includes a heavy density lighting system. Lighting system includes lighting fixtures, lamps, conduit and wire. The system is comprised T8's and electronic ballasts. The lighting fixtures in the public areas are primarily (2x4) recessed with prismatic lenses. The mechanical rooms have (1x4) fluorescents with wrap around cages. There are also recessed compact fluorescent lights in cone fixtures.	Electrical
B	EC OU - Fire Alarm Systems - Fire Alarm System	$ 89,522	Replacement for Fire Alarm System. This building includes an average density fire alarm system. The fire alarm system includes head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smokes in some rooms, conduit, wire and connections. The fire alarm control panel (FACP) is manufactured by Notifier and located on ground floor.	Electrical
B	EC OU - Security and Detection Systems - Security System	$ 65,177	Replacement for Security System. The building is equipped with an average density security system. The security system includes as a minimum: alarm panel, door contacts, motion detectors, card reader, electric eyes, conduit and wiring. The system appears to be in good working order, the years remaining observed have been extended.	Electrical
B	EC OU - Local Area Networks - LAN System	$ 173,438	Replacement for LAN System. Building includes a heavy density VOIP network system. A typical telecommunication closet contains cat 5, 5e, or 6 wiring. They also have ladder style cable trays, and server/router racks.	Electrical
B	EC OU - Emergency Light and Power Systems - Emergency Battery Pack Lights	$ 29,418	Replacement for Emergency Battery Pack Lights. The emergency lighting system includes self-contained battery packs and lights.	Electrical
B	Wolfs Annex MB02 - Lighting Equipment - Lighting Fixtures	$ 267,820	Replacement for Lighting Fixtures. The building includes a average density lighting system. Lighting system includes lighting fixtures, lamps, conduit and wire. The system is comprised T8's and electronic ballasts. The lighting fixtures in the public areas are primarily (2x4) recessed with parabolic louvers and prismatic lenses. The mechanical rooms have (1x4) fluorescents with wrap around cages. There are also recessed compact fluorescent lights in cone fixtures. The system appears to be in good working order, the years remaining observed have been extended.	Electrical
B	Wolfs Annex MB02 - Intercommunication and Paging System - Intercom System	$ 62,506	Replacement for Intercom System. The building includes a light density public address system. The public address system includes as a minimum: amplifier, intercom/monitor, volume control, ceiling speakers, conduit and shielded wiring. The system appears to be in good working order, the years remaining observed have been extended.	Electrical
B	Wolfs Annex MB02 - Telephone Systems - Telephone System - VOIP	$ 44,575	Replacement for Telephone System - VOIP. The building includes a VOIP telephone system. The system appears to be in good working order, the years remaining observed have been extended.	Electrical
B	Wolfs Annex MB02 - Fire Alarm Systems - Fire Alarm System	$ 179,835	Replacement for Fire Alarm System. This building includes an average density fire alarm system. The fire alarm system includes head end equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smokes in some rooms, conduit, wire and connections. Fire alarm panel is manufactured by Simplex and is located at Main Lobby.	Electrical

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B	Wolfs Annex MB02 - Security and Detection Systems - Security System	$ 76,294	Replacement for Security System. The building is equipped with an average density security system. The security system includes as a minimum: alarm panel, door contacts, motion detectors, card reader, electric eyes, conduit and wiring. The system appears to be in good working order, the years remaining observed have been extended.	Electrical
B	Wolfs Annex MB02 - Local Area Networks - LAN System	$ 102,117	Replacement for LAN System. Building includes local area network system. A typical telecommunication closet contains cat 5, 5e, or 6 wiring. They also have ladder style cable trays, and server/router racks.	Electrical
B	Wolfs Annex MB02 - Emergency Light and Power Systems - Emergency Battery Pack Lights	$ 53,096	Replacement for Emergency Battery Pack Lights. The emergency lighting system includes self-contained battery packs and lights.	Electrical
B	Wolfs Annex MB02 - Emergency Light and Power Systems - Exit Signs	$ 27,200	Replacement for Exit Signs. The emergency lighting system includes the installation of Exit signs on an average density level. Installation includes single and double sided exit signs, conduit, wire, boxes, conduit bends, connections and circuit breakers.	Electrical
B	Wolfsonian MB01 - Glazed Roof Openings - Skylights - Monumental - 1992	$ 76,727	Replacement for Skylights - Monumental - 1992. Skylights, fixed frame units with insulating solar glazing for large area applications at main entrance atrium lobby. Owner stated that skylight system is difficult to keep clean and maintain the visual appeal of the lobby. Years remaining has been reduced accordingly.	Roofing
B	Wolfsonian MB01 - Emergency Light and Power Systems - Emergency Battery Pack Lights	$ 58,375	Replacement for Emergency Battery Pack Lights. The emergency lighting system includes self-contained battery packs and lights.	Electrical
B	Wolfsonian MB01 - Emergency Light and Power Systems - Exit Signs	$ 69,952	Replacement for Exit Signs. The emergency lighting system includes the installation of Exit signs. Installation includes: single and double sided Exit signs, conduit, wire, boxes, conduit bends, connections, and circuit breakers.	Electrical
B	AC2 - Plumbing Fixtures Replacement - Laboratory Sinks	$ 36,446	Replacement for Laboratory Sinks. The building plumbing fixtures include stainless steel or molded, chemical-resistant laboratory sinks majority of which are located on the 3rd Floor.	Plumbing
B	AC2 - Other Plumbing Systems - Air Compressor Replacement	$ 35,591	Replacement for Air Compressor. The building includes two (2) tank mounted duplex air compressors (2 x 5 HP) with air distribution piping. The compressors are located in mechanical room 141.	Plumbing
B	AC2 - Distribution Systems - Chilled Water Distribution System Replacement	$ 220,379	Replacement for Chilled Water Distribution System. Chilled water is supplied from the central utilities and is distributed through insulated steel piping via chilled water pumps located in Mech. Rm. 141.	HVAC
B	AC 2 - Distribution Systems - Chilled Water Pumps	$ 33,695	Replacement for Chilled Water Pumps. Chilled water from the Central Utilities is pumped to AHUs through insulated steel piping by two (2) main circulating pumps, 20 HP each., located in Ground Flr. mechanical room 141. Note: Observed years remaining has been extended due to fair condition of the system.	HVAC
B	AC2 - Distribution Systems - Exhaust System - General Building	$ 30,087	Replacement for Exhaust System - General Building. The HVAC ventilation system includes roof-mounted exhaust fans with ducting. Note: The observed years remaining has been extended due to the apparent favorable condition of the system.	HVAC
B	AC2 - Controls and Instrumentation - DDC/Pneumatic System - Hybrid - Average	$ 607,735	Replacement for DDC/Pneumatic System - Hybrid - Average. HVAC controls include average DDC system for system optimization, basic pc control, moderate sensor types and quantities. System includes pneumatic activation of control valves and dampers.	HVAC

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
B	BBC CU - Exterior Doors - Door Assembly - 3 x 7 HM	$ 25,517	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3 x 7 steel door and steel frame with hinges, lockset (knob or lever), exit hardware and closer. Includes painted door and painted frame. Note: Renewal doors shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal doors shall comply with FBC: Energy (2007) "Section 13-403 Doors	Exterior Enclosure
B	BBC CU - Exterior Doors - Overhead Sectional Doors - Vehicle Entrance	$ 54,703	Replacement for Overhead Sectional Doors - Vehicle Entrance. Exterior openings include overhead coiling doors with electrical operators at the vehicle entrance from the service road.	Exterior Enclosure
B	BBC CU - Domestic Water Distribution - Water Distribution - Average	$ 87,552	Replacement for Water Distribution - Average. The building domestic water distribution system includes a four inch main line, rpz backflow preventer, with rough ins included. This System does not include a water heater. Distribution piping is primarily Type L copper with grooved and solder joints. Observed years remaining has been extended due to fair condition of the system.	Plumbing
B	BBC CU - Other Plumbing Systems - Water Softener	$ 63,388	Replacement for Water Softener. The building includes water softener treatment and pumping system, including equipment related piping and valves, Chem Aqua, located in mechanical plant.	Plumbing
B	BBC CR - Exterior Doors - Door Assembly - 3 x 7 HM	$ 20,414	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3 x 7 steel door and steel frame with hinges, lockset (knob or lever), exit hardware and closer. Includes painted door and painted frame. Note: Renewal doors shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal doors shall comply with FBC: Energy (2007) "Section 13-403 Doors	Exterior Enclosure
B	BBC CR - Exterior Doors - Overhead Sectional Doors - Loading Dock	$ 49,765	Replacement for Overhead Sectional Doors - Loading Dock. Exterior openings include overhead coiling doors with electrical operators at the loading dock.	Exterior Enclosure
B	BBC CR - Distribution Systems - Exhaust System - General Building	$ 38,529	Replacement for Exhaust System - General Building. The HVAC ventilation system includes wall-mounted propeller fans with intake louvers, ducting and roof vents. Note: Observed years remaining has been extended due to fair condition of the system.	HVAC
B	BBC HL - Distribution Systems - Exhaust System - Restroom w/Roof Fans	$ 56,092	Replacement for Exhaust System - Restroom w/Roof Fans. HVAC ventilation system includes roof-mounted restroom exhaust fans with ducting. Note: Observed years remaining has been extended due to apparent fair condition of the system.	HVAC
B	BBC HM - Exterior Windows - Aluminum Windows	$ 113,085	Replacement for Aluminum Windows. The building includes fixed aluminum framed window units with insulating glass. Note: Renewal windows shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal windows shall comply with FBC: Energy (2007) "Section 13-401 Fenestrations (Glazing)	Exterior Enclosure
B	BBC HM - Exterior Doors - Door Assembly - 3 x 7 HM	$ 66,344	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3 x 7 steel door and steel frame with hinges, lockset (knob or lever), exit hardware and closer. Includes painted door and painted frame.	Exterior Enclosure
B	BBC HM - Exterior Doors - Door Assembly - 6 x 7 HM	$ 40,845	Replacement for Door Assembly - 6 x 7 HM. Exterior doors include pr. 3 x 7 steel doors and steel frame with hinges, locksets (lever), hardware and closers. Includes painted doors and painted frame.	Exterior Enclosure
B	BBC HM - Domestic Water Distribution - Water Heater - Gas - Comm - 300 MBH	$ 48,474	Replacement for Water Heater - Gas - Comm - 300 MBH. The domestic hot water is provided by a gas-fired, 300 MBH, commercial-grade water heater, with recirculation pump.	Plumbing

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B	BBC HM - Distribution Systems - Chilled Water Distribution System	$ 424,580	Replacement for Chilled Water Distribution System. Chilled water is supplied from the central utilities and is distributed through insulated steel piping via chilled water pumps located in Grd. Flr. Mech. Rm. 119.	HVAC
B	BBC HM - Distribution Systems - Exhaust System - General Building	$ 28,373	Replacement for Exhaust System - General Building. The HVAC ventilation system includes roof-mounted exhaust fans with ducting.	HVAC
B	BBC HM - Distribution Systems - Exhaust System - Restroom w/Roof Fans	$ 54,285	Replacement for Exhaust System - Restroom w/Roof Fans. HVAC ventilation system includes roof-mounted restroom exhaust fans with ducting. Observed years remaining has been extended due to fair condition of the system.	HVAC
B	BBC HM - Controls and Instrumentation - DDC System - Average	$ 260,759	Replacement for DDC System - Average. HVAC controls include average DDC system for system optimization, basic pc control, moderate sensor types and quantities. System includes pneumatic activation of control valves and dampers.	HVAC
B	BBC S03 - Exterior Windows - Aluminum Windows	$ 70,350	Replacement for Aluminum Windows. The building includes aluminum framed exterior units with insulating glass. NOTE: Renewal windows shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". NOTE: Renewal windows shall comply with FBC: Energy (2007) "Section 13-401 Fenestrations (Glazing)	Exterior Enclosure
B	BBC S03 - Exterior Doors - Door Assembly - 3 x 7 HM	$ 66,344	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3 x 7 steel door and steel frame with hinges, lockset (knob or lever), exit hardware and closer. Includes painted door and painted frame. Note: Renewal doors shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal doors shall comply with FBC: Energy (2007) "Section 13-403 Doors	Exterior Enclosure
B	BBC S03 - Exterior Doors - Overhead Sectional Doors - Vehicle Repair Bays	$ 49,692	Replacement for Overhead Sectional Doors - Vehicle Repair Bays. Exterior openings include overhead coiling doors with electrical operators at the vehicle entrance from the service road.	Exterior Enclosure
B	BBC S03 - Domestic Water Distribution - Water Dist Complete - Low Volume	$ 28,426	Replacement for Water Dist Complete - Low Volume. The building domestic water system includes approximately two inch main line, water meter, and rpz backflow preventer, with rough ins included. This System does not include a water heater. Note: Years remaining have been extended due to favorable condition of this system.	Plumbing
B	BBC S03 - Distribution Systems - Exhaust System - General Building	$ 43,419	Replacement for Exhaust System - General Building. The HVAC ventilation system includes wall-mounted propeller fans with intake louvers, ducting and roof vents. Observed years remaining has been extended due to fair condition of the system.	HVAC
B	KCC - Exterior Walls - Stucco On CMU Walls	$ 156,765	Replacement for Stucco On CMU Walls. The exterior walls are of stucco over concrete masonry unit backup walls. NOTE: The current condition of this system was assessed and was determined to be in a state of accelerated decline with regard to its estimated BOMA lifecycle. As a result of the observed site conditions and overall environment, the years remaining for this system has been significantly decreased.	Exterior Enclosure
B	KCC - Domestic Water Distribution - Pressure Booster Pump - Duplex 7.5 HP	$ 59,573	Replacement for Pressure Booster Pump - Duplex 7.5 HP. The domestic water distribution system includes a duplex pressure booster pump system.	Plumbing
B	KCC - Domestic Water Distribution - Water Heater - Electric - 120 Gal	$ 21,713	Replacement for Water Heater - Electric - 120 Gal. The domestic hot water is provided by a 120 gallon commercial - grade electric water heater, 54 kW - State Industries Inc, located in Rm. 210F. Note: Observed years remaining has been extended due to favorable condition of the system.	Plumbing

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B	KCC - Distribution Systems - Central AHU - VAV System w/Distribution (226 Mech Rm. AHU#7)	$ 133,454	Replacement for Central AHU - VAV System w/Distribution (226 Mech Rm. AHU#7). The HVAC system have one (1) central AHUs with cooling coils, VFD, VAV ducted distribution, diffusers and plenum return. Approx. capacity of each AHU, 6,500 cfm.	HVAC
B	KCC - Distribution Systems - Central AHU - VAV System w/Distribution (226 Mech Rm. AHU#8)	$ 133,454	Replacement for Central AHU - VAV System w/Distribution (226 Mech Rm. AHU#8). The HVAC system have one (1) central AHUs with cooling coils, VFD, VAV ducted distribution, diffusers and plenum return. Approx. capacity of each AHU, 6,500 cfm.	HVAC
B	KCC - Distribution Systems - Central AHU - VAV System w/Distribution (2nd Floor Mech Rms.)	$ 352,557	Replacement for Central AHU - VAV System w/Distribution (2nd Floor Mech Rms.). The HVAC system have three (3) central AHUs with cooling coils, VFD, VAV ducted distribution, diffusers and plenum return. Approx. capacity of each AHU, 6,500 cfm. The AHUs are located in mechanical rooms 207 & 226.	HVAC
B	KCC - Distribution Systems - Central AHU - VAV System w/Distribution (3rd Floor Mech Rm.)	$ 290,759	Replacement for Central AHU - VAV System w/Distribution (3rd Floor Mech Rm.). The HVAC system (3rd flr. mech. rm.) has two (2) central AHU with cooling coils, VFD, VAV ducted distribution, diffusers and plenum return. Approx. capacity of each AHU, 4,500 cfm.	HVAC
B	KCC - Distribution Systems - Central AHU - VAV System w/Distribution (Grd. Floor Mech Rms.)	$ 963,653	Replacement for Central AHU - VAV System w/Distribution (Grd. Floor Mech Rms.). The HVAC system have four (4) central AHUs with cooling coils, VFD, VAV ducted distribution, diffusers and plenum return. Approx. capacity range of 6,500 - 10,500 cfm. The AHUs are located in mechanical rooms 020 & 050.	HVAC
B	KCC - Distribution Systems - Exhaust System - Kitchen - Commercial	$ 104,271	Replacement for Exhaust System - Kitchen - Commercial. The rooftop ventilation system includes a kitchen exhaust system, with welded duct and insulation. Observed years remaining has been extended due to favorable condition of the system.	HVAC
B	KCC - Distribution Systems - Exhaust System - Restroom w/Roof Fans	$ 32,283	Replacement for Exhaust System - Restroom w/Roof Fans. HVAC ventilation system includes roof-mounted restroom exhaust fans with ducting, approx. 1100 - 1300 cfm cap.	HVAC
B	KCC - Controls and Instrumentation - DDC/Pneumatic System - Hybrid - Average	$ 343,890	Replacement for DDC/Pneumatic System - Hybrid - Average. HVAC controls include average DDC system for system optimization, basic pc control, moderate sensor types and quantities. System includes pneumatic activation of control valves and dampers.	HVAC
B	AHC2 - Elevators and Lifts - Elevator Controls - Motor Controller	$ 87,079	Replacement for Elevator Controls - Motor Controller. Conveying equipment controls. Master control cabinet and associated equipment. The system is manufactured by Schindler Miconic. During assessment most doors had been left unlocked and swinging open. It does not pose an immediate safety risk but could diminish over all life span of the system.	Conveying
B	BT - Exterior Windows - Aluminum Windows	$ 46,652	Replacement for Aluminum Windows. The building includes pre-finished metal framed exterior window units (placed within punched openings) with insulating glass.	Exterior Enclosure
B	BT - Exterior Doors - Door Assembly - 3 x 7 Storefront	$ 56,103	Replacement for Door Assembly - 3 x 7 Storefront. The exterior doors include swinging glazed aluminum storefront leaf plus glazed transom, aluminum frame, hardware including closer with flanking side panels	Exterior Enclosure
B	BT - Plumbing Fixtures - Restroom Fixtures	$ 21,722	Replacement for Restroom Fixtures. The restroom fixtures include vitreous china urinals and water closets, vitreous china or molded lavatories. The fixture selections are for a building with a standard density fixtures.	Plumbing
B	BT - Domestic Water Distribution - Water Dist - Average	$ 32,522	Replacement for Water Dist - Average. The building domestic water distribution system includes a four inch main line, rpz backflow preventer, with rough ins included. This System does not include a water heater. Distribution piping is primarily Type L copper with grooved and solder joints.	Plumbing
B	CU1 - Exterior Windows - Aluminum Windows	$ 134,943	Replacement for Aluminum Windows. The building includes pre-finished metal framed exterior window units with non-insulating glass with louver panels near grade.	Exterior Enclosure

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B	CU1 - Exterior Doors - Door Assembly - 6 x 7 HM	$ 47,653	Replacement for Door Assembly - 6 x 7 HM. Exterior doors include a pair of 3' x 7' hollow metal (HM) doors and frame (painted) with hinges, locksets (lever) and closers.	Exterior Enclosure
B	CU1 - Cooling Generating Systems - Cooling Tower Pump - 1975	$ 550,497	Replacement for Cooling Tower Pump - 1965. The HVAC system in Central Utility Substation Plant includes six cooling Tower pumps 100hp, with VFD.	HVAC
B	CU1 - Cooling Generating Systems - Secondary Loop Pump - 1975	$ 275,249	Replacement for Secondary Loop Pump - 1965. The HVAC system in Central Utility Substation Plant includes three secondary loop circulating pump 100hp, with VFD.	HVAC
B	W01C - Exterior Doors - Door Assembly - 3 x 7 HM	$ 21,109	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3 x 7 steel door and steel frame with hinges, lockset (lever), exit hardware and closer. Includes painted door and painted frame. Due to the nature of the exterior exposure, the doors and frames are rusting and the hardware is becoming inoperable.	Exterior Enclosure
B	PC - Exterior Windows - Aluminum Windows	$ 101,304	Replacement for Aluminum Windows. The building includes fixed aluminum framed exterior units with insulating glass. The observed years are based on a non-immediate replacement of system.	Exterior Enclosure
B	PC - Exterior Windows - Curtain Wall System	$ 1,631,829	Replacement for Curtain Wall System. Exterior curtain wall and storefront window system with insulating glass. The observed years are based on a non-immediate replacement of system.	Exterior Enclosure
B	CP - Exterior Windows - Aluminum Windows	$ 505,092	Replacement for Aluminum Windows. The building exterior includes aluminum framed exterior window units (punched) with laminated single pane, non-insulating glass.	Exterior Enclosure
B	CP - Exterior Doors - Door Assembly - 3 x 7 HM	$ 84,436	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3' x 7' hollow metal (HM) door and frame (painted) with hinges, lockset (lever), exit hardware and closer.	Exterior Enclosure
B	CP - Exterior Doors - Door Assembly - 3 x 7 Storefront	$ 61,713	Replacement for Door Assembly - 3 x 7 Storefront. The exterior doors include swinging glazed aluminum storefront leaf plus aluminum frame, hardware including closer.	Exterior Enclosure
B	CP - Exterior Doors - Door Assembly - 6 x 7 HM	$ 95,306	Replacement for Door Assembly - 6 x 7 HM. Exterior doors serving the Mechanical/Electrical rooms include a pair of 3' x 7' hollow metal (HM) doors and frame (painted) with hinges, locksets (lever), ventilation louvers and closers.	Exterior Enclosure
B	CP - Exterior Doors - Door Assembly - 6 x 7 Storefront	$ 145,730	Replacement for Door Assembly - 6 x 7 Storefront. The exterior doors include a pair of swinging glazed aluminum storefront leafs plus glazed transom, aluminum frame, hardware including closers.	Exterior Enclosure
B	CP - Exterior Doors - Overhead Hurricane Protection - Manual Operation	$ 38,707	Replacement for Overhead Hurricane Protection - Manual Operation. Several of the exterior openings include overhead rolling doors with manual operation, serving as hurricane protection. Note: Appropriate RS Means line item(s) not found; line item(s) adjusted for estimating purposes.	Exterior Enclosure
B	CP - Elevators and Lifts - Hydraulic Passenger Elevator	$ 328,032	Replacement for ~Hydraulic Passenger Elevator. The conveying equipment includes an average passenger hydraulic elevator, 40 hp - capacity 2500 lbs - three stories.	Conveying
B	CP - Plumbing Fixtures - Water Coolers - Wall-Mount Dual-Height	$ 51,790	Replacement for Water Coolers - Wall-Mount Dual-Height. Plumbing fixtures include dual-height water coolers located on each floor of the building.	Plumbing
B	CP - Controls and Instrumentation - DDC System - Average	$ 381,945	Replacement for DDC System - Average. HVAC controls include average DDC system for system optimization, basic pc control, moderate sensor types and quantities.	HVAC
B	CP - Controls and Instrumentation - Pneumatic Controls - Average	$ 514,513	Replacement for Pneumatic Controls - Average. The building includes average pneumatic HVAC control system with air supply, moderate controls, moderate sensor types and quantities.	HVAC

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B	CASE - Exterior Windows - Aluminum Windows	$ 1,930,031	Replacement for Aluminum Windows. The building includes pre-finished metal framed exterior window units (ribbon window configuration) with laminated single pane, non-insulating glass. Window units on the lower elevations include an operable louver. Several of the upper level windows are operable to access small roof areas. Note: Appropriate RS Means line item(s) not found; line item(s) adjusted for estimating purposes.	Exterior Enclosure
B	CASE - Exterior Doors - Door Assembly - 3 x 7 HM	$ 98,508	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3' x 7' hollow metal (HM) door and frame (painted) with hinges, lockset (lever), exit hardware and closer.	Exterior Enclosure
B	CASE - Exterior Doors - Door Assembly - 3 x 7 Storefront	$ 56,103	Replacement for Door Assembly - 3 x 7 Storefront. The exterior doors include swinging glazed aluminum storefront leaf plus glazed transom, aluminum frame, hardware including closer.	Exterior Enclosure
B	CASE - Exterior Doors - Door Assembly - 6 x 7 Storefront	$ 109,298	Replacement for Door Assembly - 6 x 7 Storefront. The exterior doors include pr. swinging glazed aluminum storefront leafs plus glazed transom, aluminum frame, hardware including closers.	Exterior Enclosure
B	CASE - Plumbing Fixtures - Water Coolers - Wall-Mount	$ 25,895	Replacement for Water Coolers - Wall-Mount. Plumbing fixtures include water coolers dual height, wall mounted located on building floor.	Plumbing
B	CASE - Distribution Systems - Exhaust System - Fume Hoods - Ductwork/Fans	$ 785,127	Replacement for Exhaust System - Fume Hoods - Ductwork/Fans. The HVAC ventilation system includes fume hood 6 ft long and exhaust fans rated 15,000 cfm - Loren Cook.	HVAC
B	CASE - Distribution Systems - Exhaust System - Restroom w/Roof Fan	$ 63,191	Replacement for Exhaust System - Restroom w/Roof Fan. HVAC ventilation system includes roof-mounted restroom exhaust fans with ducting - 0.75 - 1.00 hp.	HVAC
B	CASE - Controls and Instrumentation - DDC System - Average	$ 329,106	Replacement for DDC System - Average. HVAC controls include average DDC system for system optimization, basic pc control, moderate sensor types and quantities.	HVAC
B	CASE - Controls and Instrumentation - Pneumatic Controls - Average	$ 449,188	Replacement for Pneumatic Controls - Average. The building includes average pneumatic HVAC control system with air supply, moderate controls, moderate sensor types and quantities.	HVAC
B	WPAC - Elevators and Lifts - Hydraulic Passenger Elev - Economy	$ 99,600	Replacement for Hydraulic Passenger Elev - Economy. The conveying equipment includes a Mowrey Elevator Co. average passenger hydraulic elevator with a 20 HP submersible motor. Note: This elevator appears to be older than the facility and during time of assessment the elevator was inoperable therefore the observed remaining years have been reduced.	Conveying
B	WPAC - Lifts - Wheelchair Lifts	$ 29,307	Replacement for Wheelchair Lifts. The conveying system includes a wheelchair lift normally for access to one floor.	Conveying
B	WPAC - Plumbing Fixtures - Water Coolers - Wall-Mounted Dual-Height (Each)	$ 29,595	Replacement for Water Coolers - Wall-Mounted Dual-Height (Each). Plumbing fixtures include wall-mounted dual-height water coolers.	Plumbing
B	WPAC - Distribution Systems - Central AHU - VAV System w/Distribution	$ 110,810	The outside air fans are highly corroded and in some cases whole pieces are missing from the boxes. This will cause the fans to run inefficiently and in some cases the required outside air percentage may not be achieved.	HVAC
B	WPAC - Distribution Systems - Exhaust System (Theatre 1996) - General Building	$ 22,462	Replacement for Exhaust System (Theatre 1996) - General Building. The HVAC ventilation system includes seven (7) roof-mounted exhaust fans with ducting.	HVAC
B	WPAC - Controls and Instrumentation - Pneumatic Controls (Music) - Basic	$ 113,198	Replacement for Pneumatic Controls (Music) - Basic. The building includes a Quincy pneumatic compressor with duplex motors and a 30 gallon air tank for basic pneumatic controls and simple HVAC system and minimal sensing devices.	HVAC

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B	WPAC - Controls and Instrumentation - Pneumatic Controls (Theatre) - Basic	$ 113,198	Replacement for Pneumatic Controls (Theatre) - Basic. The theatre side of the facility includes a Quincy pneumatic compressor with duplex motors air dryer and 30 gallon storage tank located in mechanical room 190E. There is also a SpeedAire pneumatic compressor with duplex motors and a dryer. It is not known if this compressor is used in the facility or if the previous compressor is used as a replacement. (See Requirement)	HVAC
B	OBCC - Domestic Water Distribution - Water Heater - Elec - Comm - 1000 Gal	$ 149,505	Replacement for Water Heater - Elec - Comm - 1000 Gal. The domestic hot water is provided by a 1000-gallon commercial grade electric water heater, with electronic modulating step control and recirculation pump. Note: Available RS Means circulating pump selected for budgetary purposes.	Plumbing
B	OBCC - Domestic Water Distribution - Water Heater - Storage Tank	$ 37,188	Replacement for Water Heater - Storage Tank. Storage of domestic hot water is provided by a storage tank located adjacent to the water heater in mechanical room 188.	Plumbing
B	OE - Exterior Windows - Aluminum Windows	$ 365,327	Replacement for Aluminum Windows. The building includes pre-finished metal framed exterior window units (ribbon window configuration) with laminated single pane, non-insulating glass.	Exterior Enclosure
B	OE - Exterior Doors - Door Assembly - 3 x 7 HM	$ 73,881	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3' x 7' hollow metal (HM) door and frame (painted) with hinges, lockset (lever), exit hardware and closer.	Exterior Enclosure
B	OE - Exterior Doors - Door Assembly - 6 x 7 HM	$ 81,690	Replacement for Door Assembly - 6 x 7 HM. Exterior doors include a pair of 3' x 7' hollow metal (HM) doors and frame (painted) with hinges, locksets (lever), exit hardware and closers.	Exterior Enclosure
B	OE - Exterior Doors - Door Assembly - 6 x 7 Wood	$ 27,055	Replacement for Door Assembly - 6 x 7 Wood. Exterior doors include a pair of 3' x 7' wood doors (painted) and frame (painted) with hinges, locksets (lever), exit hardware and closers.	Exterior Enclosure
B	OE - Domestic Water Distribution - Water Heater - Gas	$ 37,704	Replacement for Water Heater - Gas. The domestic hot water is provided by 2 gas-fired, commercial-grade water heater, with recirculation pump. A O Smith 75,000 btu/hr each.	Plumbing
B	OE - Heat Generating Systems - Boiler HW - Gas/Oil-Fired	$ 155,148	Replacement for Boiler HW - Gas/Oil-Fired. Heating is provided by a gas fired hot water boiler located on forth floor roof boiler room estimated 584 MBH - Weil McLain - operate at 50 psi with pumps.	HVAC
B	RB - Other Plumbing Systems - Fountain Equipment	$ 67,226	Replacement for Fountain Equipment. The building includes fountain filtration, treatment and pumping system, including equipment related piping and valves. System does not include foundation structure, finishes, or lighting. The system appeared maintained and serviceable, the pump appears to have recently been rebuilt - OYR extended. Note: Limited RS Means line items available for architectural fountains. Line items chosen are for budgetary purposes only.	Plumbing
B	RB - Distribution Systems - Central AHU - Const Volume w-Distribution	$ 107,076	Replacement for Central AHU - Const Volume w-Distribution. The HVAC system includes constant volume air handling units (AHU-2 thru AHU-4) with capacities ranging from 3,650 cfm to 5,650 cfm. The units serve the auditorium spaces.	HVAC
B	RB - Distribution Systems - Central AHU - VAV System w-Distribution	$ 639,394	Replacement for Central AHU - VAV System w-Distribution. Primary air-conditioning is accomplished with six variable volume central AHUs with cooling coils, VFD, VAV ducted distribution, electric re-heats, diffusers, and plenum return. The units range in capacity from 7,900 cfm to 13,400 cfm. System represents AHU-1, and AHU-5 thru AHU-9.	HVAC

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B	RB - Distribution Systems - Exhaust System - General Building and Restroom	$ 62,524	Replacement for Exhaust System - General Building and Restroom. The HVAC ventilation system includes roof-mounted, propeller-type, ceiling-mounted, and inline exhaust fans with ducting serving restroom and general building needs. System includes smoke exhaust fans. One of the roof-top fans is a replacement. The remaining fans on the roof are showings signs of weathering. Fasteners are failed and missing. Some were off at the disconnect and appeared to be in a failed condition. It is reasonable to expect that the motors, bearings, dampers, etc. are time worn and that the system may be out of balance. Heavy dirt build-up was observed on exhaust registers throughout the building. The rooftop fans did not appear to be adequately designed or secured to withstand excessive wind loading as required by the 2007 Florida Building Code, Mechanical 301.12 Wind resistance. Mechanical equipment, appliances and supports that are exposed to wind shall be designed and installed to resist the wind pressures on the equipment and the supports as determined in accordance with the Florida Building Code, Building. Roof mounted mechanical units and supports shall be secured to the structure. Replacement fans should be meet the intent of the code. Note: % Renew reduced from 125% to 75% to allow for fan/auxiliaries replacement and general repairs and rebalancing, but not ductwork replacement.	HVAC
B	RB - Controls and Instrumentation - DDC/Pneumatic System - Hybrid - Average	$ 133,987	The existing controls consist of DDC panels with pneumatic end devices. While the average useful life of a hybrid DDC/Pneumatic system as a whole is 25 years, the DDC components have a typical useful life closer to 20 years. The existing technology does not interface with the campus wide system (N2 protocol). Staff has expressed their intent to upgrade the older panels to the N2 protocol. VFA agrees with this strategy. This will allow better monitoring and control of the building's HVAC components resulting in reduced energy usage and better service to the tenants. The strategy also aligns itself with the possible reduction of night staffing as alarms can be checked from remote internet connections. Note: VFA recommends replacing the pneumatic portion of the system with DDC in conjunction with the air handler renewal due in Fiscal Year 2017. This will allow for the elimination of the control air compressor, air dryer, tubing, and the associated maintenance and air leaks.	HVAC
B	ZEB - Distribution Systems - Central AHU - VAV System w-Distribution	$ 1,307,014	Replacement for Central AHU - VAV System w-Distribution. Primary air-conditioning for the 2nd and third floors is accomplished with variable volume central AHUs with cooling coils, VFD, VAV ducted distribution, electric re-heats, diffusers, and plenum return. The units range in capacity from 3,820 cfm to 7,850 cfm. System represents AHU-8 thru AHU-13.	HVAC
B	ZEB - Distribution Systems - Chilled Water Distribution System w-Pumps	$ 22,391	Insulation for the chilled water piping is missing/damaged in some areas. Small amount of mold growth was observed. This is sometimes due to the surface of the insulation reaching the dew point temperature while the house air is off, causing moisture condensation. The situation should be investigated and corrected as necessary.	HVAC

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
B	ZEB - Distribution Systems - Ventilation System - General Building and Restroom	$ 59,940	Replacement for Ventilation System - General Building and Restroom. The HVAC ventilation system includes roof-mounted and ceiling-mounted, supply and exhaust fans with ducting serving restroom, make-up, and general building needs. The fans are approaching the end of their average service life. It is reasonable to expect that the motors and bearings are time worn. The covers are weathered and fasteners are missing. The rooftop fans did not appear to be adequately designed or secured to withstand excessive wind loading as required by the 2007 Florida Building Code, Mechanical 301.12 Wind resistance. Mechanical equipment, appliances and supports that are exposed to wind shall be designed and installed to resist the wind pressures on the equipment and the supports as determined in accordance with the Florida Building Code, Building. Roof mounted mechanical units and supports shall be secured to the structure. Replacement fans should be designed to meet the intent of the code. Note: % Renew reduced from 125% to 75% to allow for fan/auxiliaries replacement and general repairs and rebalancing, but not ductwork replacement.	HVAC
B	ZEB - Controls and Instrumentation - DDC-Pneumatic System - Hybrid - Average	$ 343,006	Replacement for DDC-Pneumatic System - Hybrid - Average. HVAC controls include average DDC system for system optimization, basic pc control, moderate sensor types and quantities. System includes pneumatic activation of control valves and dampers.	HVAC
B	GL - Exterior Windows - Aluminum Windows - Original Construction	$ 1,215,625	Replacement for Aluminum Windows - Original Construction. The original ribbon windows at the second level of the south portion of the building includes aluminum framed (duranodic finish) exterior window units with laminated single pane, non-insulating glass. The glazing units on the west elevation have been replaced with insulated glass.	Exterior Enclosure
B	GL - Plumbing Fixtures - Water Coolers - Wall-Mount Dual-Height	$ 29,595	Replacement for Water Coolers - Wall-Mount Dual-Height. Plumbing fixtures include dual-height water coolers located on each floor of the building.	Plumbing
B	GL - Other Plumbing Systems - Air Compressor	$ 41,797	Replacement for Air Compressor. The building includes one - Quincy or Ingersoll air compressors with air distribution piping, the system located in mechanical rooms 070A and 090A.	Plumbing
B	GL - Distribution Systems - Central AHU - VAV System w/Distribution	$ 3,755,763	Replacement for Central AHU - VAV System w/Distribution. The HVAC system has a central AHU, Carriers with cooling coils, rated 8,000 - 18,000 CFM, VFD, VAV ducted distribution, diffusers and plenum return.	HVAC
B	GL - Distribution Systems - Exhaust System - 1996- General Building	$ 422,260	Replacement for Exhaust System - 1996- General Building. The HVAC ventilation system includes roof-mounted exhaust fans with ducting, rated 150 - 10,000 cfm, 1/10 - 5hp, Greenheck.	HVAC
B	GL - Distribution Systems - Exhaust System - Restroom w/Roof Fan	$ 101,180	Replacement for Exhaust System - Restroom w/Roof Fan. HVAC ventilation system includes roof-mounted restroom exhaust fans - Loren Cook - with ducting.	HVAC
B	GL - Controls and Instrumentation - Pneumatic Controls - Average	$ 1,404,390	Replacement for Pneumatic Controls - Average. The building includes average pneumatic HVAC control system with air supply, moderate controls, moderate sensor types and quantities.	HVAC
B	VH - Exterior Windows - Aluminum Windows	$ 275,719	Replacement for Aluminum Windows. The building includes pre-finished metal framed exterior window units (ribbon window configuration) with laminated single pane, non-insulating glass. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Exterior Enclosure
B	VH - Exterior Doors - Door Assembly - 3 x 7 HM	$ 52,772	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3' x 7' hollow metal (HM) door and frame (painted) with hinges, lockset (lever), exit hardware and closer. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Exterior Enclosure

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
B	VH - Exterior Doors - Door Assembly - 6 x 7 HM	$ 122,536	Replacement for Door Assembly - 6 x 7 HM. Exterior doors include a pair of 3' x 7' hollow metal (HM) doors and frame (painted) with hinges, locksets (lever), exit hardware and closers. Included are blank hollow metal panels adjacnet to operable leafs. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Exterior Enclosure
B	VH - Exterior Doors - Door Assembly - 6 x 7 Storefront	$ 63,757	Replacement for Door Assembly - 6 x 7 Storefront. The exterior doors include a pair of swinging glazed aluminum storefront leafs plus glazed transom, aluminum frame, hardware including closers. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Exterior Enclosure
B	VH - Domestic Water Distribution - Water Distribution Complete	$ 217,616	Replacement for Water Distribution Complete. The building water distribution system includes dual 6-inch main feeds, supply system, filtration, rpz backflow preventer, booster pump system, water meter, and rough in for a building with a dense system. This System does not include a water heater.	Plumbing
B	VH - Distribution Systems - Central AHU - VAV System w/Distribution - 1995	$ 402,149	Replacement for Central AHU - VAV System w/Distribution - 1995. The HVAC system has a central AHU Carrier - with cooling coils, except AHUs,VFD, VAV ducted distribution, diffusers and plenum return, all units located in mechanical rooms. The unit located in mechanical by room 102.	HVAC
B	VH - Controls and Instrumentation - DDC System - Average	$ 203,052	Replacement for DDC System - Average. HVAC controls include average DDC system for system optimization, basic pc contro, ldigital stats, moderate and sensor types and quantities.	HVAC
B	WC - Exterior Doors - Door Assembly - 6 x 7 Storefront	$ 36,433	Replacement for Door Assembly - 6 x 7 Storefront. The exterior doors include a pair of swinging glazed aluminum storefront leafs and glazed sidelight in an aluminum frame with exit hardware, including closers.	Exterior Enclosure
B	WC - Cooling Generating Systems - Condensing Units	$ 121,385	Replacement for Condensing Units. The building includes Environmental Growth Chambers refrigeration system- water cooled.	HVAC
B	WC - Distribution Systems - Exhaust System - General Building	$ 166,916	Replacement for Exhaust System - General Building. The HVAC ventilation system includes wall mounted exhaust fans.	HVAC
B	WC - Special Cooling Systems and Devices - Evaporative Coolers	$ 40,518	Replacement for Evaporative Coolers. The HVAC system includes Evaporative Cooler Units which are installed in the green house exterior walls.	HVAC
B	W02 - Exterior Windows - Metal Exterior Windows	$ 29,943	Replacement for Metal Exterior Windows. The building includes metal framed exterior window units with single pane, non- insulating glass. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Exterior Enclosure
B	W02 - Distribution Systems - Fan Coil System - DX Cooling	$ 57,234	Replacement for Fan Coil System - DX Cooling. HVAC system includes fan coil units located in closets within the building and condenser units located on grade at the perimeter of the building. System includes distribution ductwork and diffusers.	HVAC
B	W07 - Exterior Walls - Metal Paneled Walls - Economy	$ 43,253	Replacement for Metal Paneled Walls - Economy. The exterior wall finishes are of metal siding such as corrugated materials. Observed years has been adjusted due to significant rusting.	Exterior Enclosure
B	EC - Exterior Louvers, Screens, and Fencing - Aluminum Hurricane Shutters - 1996	$ 618,059	Replacement for Aluminum Hurricane Shutters - 1996. Manually operated, retrofit installed, pre-finished aluminum rollup (coiling) hurricane shutters and pre-finished aluminum support framing system is mounted just beyond the exterior face of original ribbon window system. Shutters extend to cover glazing only. Lower stucco walls are uncovered. Owner stated that shutter system is consistently problematic and is increasingly difficult to operate and maintain. Years remaining has been reduced accordingly. Note: Renewal shutters shall comply with Florida Building Code "Section 2413 High Velocity Hurricane Zones Storm Shutters/External Protective Devices" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris".	Exterior Enclosure

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
B	EC - Exterior Windows - Aluminum Ribbon Windows	$ 2,302,329	Replacement for Aluminum Ribbon Windows. The building includes aluminum framed ribbon window exterior units. Ribbon window system is generally protected from UV damage and intense weather by deep overhangs on all sides. Years remaining has been increased accordingly. Note: Renewal windows shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal windows shall comply with FBC: Energy (2007) "Section 13-401 Fenestrations (Glazing)	Exterior Enclosure
B	EC - Exterior Doors - Door Assembly - 3 x 7 HM	$ 45,736	Replacement for Door Assembly - 3 x 7 HM. Exterior doors include 3 x 7 steel door and steel frame with hinges, lockset (knob), hardware and closer. Includes painted door and painted frame. At ground floor shops and service areas, 2nd and 3rd floor balcony access, etc. Observed Years has been adjusted to reflect the actual condition as observed in the field. Note: Renewal doors shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal doors shall comply with FBC: Energy (2007) "Section 13-403 Doors	Exterior Enclosure
B	EC - Exterior Doors - Door Assembly - 6 x 7 HM	$ 81,690	Replacement for Door Assembly - 6 x 7 HM. Exterior doors include pr. 3 x 7 steel doors and steel frame with hinges, locksets (lever), exit hardware and closers. Includes painted doors and painted frame. At ground floor shops and service areas, etc. Observed Years has been adjusted to reflect the actual condition as observed in the field. Note: Renewal doors shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal doors shall comply with FBC: Energy (2007) "Section 13-403 Doors	Exterior Enclosure
B	EC - Plumbing Fixtures - Custodial/Utility Sinks	$ 52,694	Replacement for Custodial/Utility Sinks. The plumbing fixtures include wall hung and floor mounted CI custodial/utility sink. Includes rough-in and faucet.	Plumbing
B	EC - Plumbing Fixtures - Water Coolers - Wall-Mount	$ 143,908	Replacement for Water Coolers - Wall-Mount. Plumbing fixtures include wall mounted refrigerated water coolers.	Plumbing
B	EC - Other Plumbing Systems - Laboratory Air Compressor	$ 26,336	Replacement for Laboratory Air Compressor. The building is equipped with a duplex laboratory air compressor mounted on a 200 gallon receiver and was manufactured in 1997 along with an air dryer. This system is primary used in the laboratories	Plumbing
B	EC - Other Plumbing Systems - Laboratory Vacuum Pump	$ 46,648	Replacement for Laboratory Vacuum Pump. The building is equipped with a duplex laboratory vacuum pump mounted on a 200 gallon receiver and was manufactured in 1997. This system is primary used in the laboratories.	PLUMBING
B	EC - Distribution Systems - ~ Exhaust System - Restroom w/Ceiling Mounted Fan	$ 152,909	Replacement for Exhaust System - Restroom w/Ceiling Mounted Fan. HVAC ventilation system includes ceiling-mounted restroom exhaust fans with ducting.	HVAC
B	EC - Distribution Systems - Exhaust System - Elevator Room 1005	$ 28,920	Replacement for Exhaust System - Elevator Room 1005. The HVAC ventilation system includes ceiling mounted exhaust fan to serve the elevator equipment room 1005	HVAC
B	EC - Distribution Systems - Exhaust System - Fume Hood - Ductwork/Fan	$ 315,146	Replacement for Exhaust System - Fume Hood - Ductwork/Fan. The HVAC ventilation system includes fume hood and exhaust system for a building. Note: System cost represents a 6 foot long fume hood.	HVAC
B	EC - Distribution Systems - Exhaust System - General Building	$ 459,893	Replacement for Exhaust System - General Building. The HVAC ventilation system includes roof-mounted exhaust fans with ducting.	HVAC

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B	EC - Distribution Systems - Exhaust System - Kitchen - Commercial	$ 121,367	Replacement for Exhaust System - Kitchen - Commercial. The ventilation system includes a kitchen exhaust system, with welded duct and insulation.	HVAC
B	EC - Distribution Systems - Supply Air Ductwork w/VAV's	$ 1,386,539	Replacement for Supply Air Ductwork w/VAV's. The HVAC system has supply air ductwork with variable air volume boxes with no heating coils.	HVAC
B	EC - Controls and Instrumentation - DDC System - Average	$ 1,135,451	Replacement for DDC System - Average. HVAC controls include average DDC system for system optimization, basic pc control, moderate sensor types and quantities for approximately 16 air handler units located on the fourth floor penthouse mechanical room.	HVAC
B	EC OU - Other Plumbing Systems - Laboratory Air Compressor w/Dryer	$ 20,190	Replacement for Laboratory Air Compressor w/Dryer. The building is equipped with three laboratory air compressors along with air dryers. These systems are primary used for specialized equipment in the laboratories.	Plumbing
B	EC OU - Other Plumbing Systems - Pneumatic Control Air Compressor - 1997	$ 26,336	Replacement for Pneumatic Control Air Compressor - 1997. The building is equipped with a duplex air compressor mounted on a 240 gallon receiver and was manufactured in 1997 along with an air dryer. This system is primary used for HVAC pneumatic controls	PLUMBING
B	EC OU - Distribution Systems - Central AHU - w/o-Distribution	$ 848,810	Replacement for Central AHU - w/o-Distribution. Primary air-conditioning for the 1st and 2nd floor is accomplished by 10 chilled water air handler units with cooling coils, and diffusers. The units capacity are approximately 5,000 CFMs each.	HVAC
B	EC OU - Controls and Instrumentation - DDC System - Average	$ 95,100	Replacement for DDC System - Average. HVAC controls include average DDC system for system optimization, basic pc control, moderate sensor types and quantities for HVAC equipment located on the first floor.	HVAC
B	Wolfs Annex MB02 - Exterior Walls - Stucco Finish On Masonry Walls	$ 57,720	Replacement for Stucco Finish On Masonry Walls. The exterior walls have stucco finish over concrete masonry unit (CMU) or terra cotta tile backup walls. CMU walls described elsewhere.	Exterior Enclosure
B	Wolfs Annex MB02 - Exterior Windows - Steel Windows	$ 155,088	Replacement for Steel Windows. The building includes fixed and operable steel framed window units with non-insulating glass. Note: Renewal windows shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal windows shall comply with FBC: Energy (2007) "Section 13-401 Fenestrations (Glazing)	Exterior Enclosure
B	Wolfs Annex MB02 - Exterior Doors - Door Assembly - 3 x 7 HM - 1986	$ 30,620	Replacement for Door Assembly - 3 x 7 HM - 1986. Exterior doors include 3 x 7 steel door and steel frame with hinges, lockset (knob or lever), exit hardware and closer. Includes painted door and painted frame. Note: Renewal doors shall comply with FBC (2007) "Section 2405 Impact Wind and Other Loads", "Section 2411 High Velocity Hurricane Zones Windows Doors Glass and Glazing" and "Section 1626 High Velocity Hurricane Zones Impact Tests for Windborne Debris". Note: Renewal doors shall comply with FBC: Energy (2007) "Section 13-403 Doors	Exterior Enclosure
B	Wolfs Annex MB02 - Distribution Systems - Exhaust System - Fume Hood - Ductwork/Fan	$ 63,029	Replacement for Exhaust System - Fume Hood - Ductwork/Fan. The HVAC ventilation system includes two fume hoods and exhaust system for a building. The equipment is located on the first floor lab area.	HVAC
B	Wolfs Annex MB02 - Distribution Systems - Exhaust System - General Building	$ 45,088	Replacement for Exhaust System - General Building. The HVAC ventilation system includes roof-mounted exhaust fans with ducting.	HVAC
B	Wolfsonian MB01 - Exterior Louvers, Screens, and Fencing - Aluminum Hurricane Shutters - 1992	$ 21,289	Replacement for Aluminum Hurricane Shutters - 1992. Manually operated, pre-finished aluminum rollup (coiling) hurricane shutters and pre-finished aluminum support framing system is mounted just beyond the exterior face of large aluminum window systems and aluminum/glass doors at east and west elevations of 6th and 7th floors. Shutters extend to cover glazing and doors only.	Exterior Enclosure

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B	Wolfsonian MB01 - Elevators and Lifts - Elevator Controls - Motor Controller - Freight	$ 38,331	Replacement for Elevator Controls - Motor Controller - Freight. Conveying equipment controls. Master control cabinet and associated equipment.	Conveying
B	Wolfsonian MB01 - Cooling Generating Systems - Cooling Tower - Stainless Steel	$ 184,420	Replacement for Cooling Tower - Stainless Steel. Cooling system includes three stainless steel cooling towers.	HVAC
B	Wolfsonian MB01 - Cooling Generating Systems - DX Split System - 5 Ton - Floor 1	$ 41,080	Replacement for DX Split System - 5 Ton - Floor 1. The HVAC system includes four ceiling mounted D/X split systems with a rated capacity of approximately five tons each. These units serve the first floor maintenance shops, warehouse area, and the command center office with security equipment.	HVAC
B	Wolfsonian MB01 - Cooling Generating Systems - DX Split System - 5 Ton - Floor 3	$ 20,540	Replacement for DX Split System - 5 Ton - Floor 3. The HVAC system includes two D/X split systems with a rated capacity of approximately five tons each. The equipment is located on the third floor north and south mechanical room and serves the third floor only.	HVAC
B	Wolfsonian MB01 - Distribution Systems - Combination Fire/Smoke Damper	$ 160,606	Replacement for Combination Fire/Smoke Damper. The HVAC system includes fire and smoke combination louver type dampers and damper motor operator. The system at the time of the survey was in good operating condition.	HVAC
B	Wolfsonian MB01 - Distribution Systems - Return Air Ductwork	$ 173,180	Replacement for Return Air Ductwork. During the survey the return air ductwork was in very good condition.	HVAC
B	Wolfsonian MB01 - Distribution Systems - Supply Air Ductwork	$ 173,180	Replacement for Supply Air Ductwork. During the survey the supply air ductwork was in very good condition.	HVAC
B	ZEB - Distribution Systems - Central AHU - Const Volume w-Distribution	$ 255,198	Replacement for Central AHU - Const Volume w-Distribution. The HVAC system includes constant volume air handling units (AHUs) (AHU-1 thru AHU-7) and a fan coil unit (in 112W) with chilled water coils, electric re-heats, distribution ductwork, diffusers and plenum return. The AHUs serve the first floor spaces and range in capacity from 1,400 cfm to 4,750 cfm.	HVAC
C	W10 Building Restrooms Renovations	$ 300,000	Upgrade deteriorating restrooms conditions.	Plumbing
C	GL 1st Floor Renovations	$ 250,000	Replace aging carpeting, ceiling tiles and paint in coordination with Starbucks refurbishment.	Interior Finshes
C	AC1 - Floor Finishes Replacement-Concrete Floor - Sealed/Painted	$ 36,761	Replacement for Concrete Floor - Sealed/Painted. Typical painted concrete with an abrasive textured additive to prevent slipping. At service spaces, storage and archive spaces.	Interior Finishes
C	AC1 - Equipment and Furnishings - Built-In Cabinetry Replacement	$ 72,808	Replacement for Built-In Cabinetry. Built-in standard grade cabinets, including countertops.	Equipment & Furnishing
C	AC1 - Fixed Furnishings - Fixed Seating Replacement	$ 102,611	Replacement for Fixed Seating. Auditorium chairs, fully upholstered, with spring seats.	Equipment & Furnishing
C	AC2 - Floor Finishes - Carpeting - Tile Replacement	$ 134,324	Replacement for Carpeting - Tile. Floor finishes include medium priced carpeting and base. Average age of system.	Interior Finishes
C	AC2 - Floor Finishes - Carpeting - Tile Replacement	$ 58,768	Replacement for Carpeting - Tile. Floor finishes include medium priced carpeting and base. Average age of system.	Interior Finishes
C	AC2 - Floor Finishes - VCT - Replacement	$ 277,750	Replacement for VCT - Average. Floor finishes include areas of standard VCT flooring and related base.	Interior Finishes
C	AC2 - Ceiling Finishes - ACT System - Replacement	$ 60,060	Replacement for ACT System - Standard. Standard suspended ACT ceiling system with 2 x 2 or 2 x 4 regular tiles in 15/16 or 9/16-in. grids. at classrooms, offices, and administration areas.	Interor Finishes
C	AC2 - Equipment and Furnishings - Built-In Cabinetry	$ 451,125	Replacement for Built-In Cabinetry. Built-in standard grade cabinets, including countertops. NOTE: Best available RS Means line items selected, with sizes and quantities estimated for budgetary purposes.	Equipment & Furnishing

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C	BBC CU - Fences and Gates - Railings	$ 37,131	Replacement for Railings. Railing, pipe, aluminum, satin finish, 3 rails, 3'-6" high, posts @ 5' O.C., 1-1/4" dia, shop fabricated located at walkways and common areas. NOTE: The current condition of this system was assessed and was determined to exceed the estimated BOMA lifecycle based on age. As a result of the observed site conditions and/or effective maintenance procedures, the years remaining for this system has been increased.	Site Improvements
C	BBC HM - Floor Finishes - Carpeting - Tile	$ 159,775	Replacement for Carpeting - Tile. Floor finishes include medium priced carpeting and base. Average age of system.	Interior Finishes
C	BBC HM - Ceiling Finishes - ACT System - Standard	$ 67,200	Replacement for ACT System - Standard. Standard suspended ACT ceiling system with 2 x 2 or 2 x 4 regular tiles in 15/16 or 9/16-in. grids. at classrooms, offices, and administration areas.	Interior Finishes
C	BBC HM - Fixed Furnishings - Fixed Seating	$ 135,205	Replacement for Fixed Seating. Auditorium chairs, fully upholstered, with various configurations. NOTE: Best available RS Means line items selected, with sizes and quantities estimated for budgetary purposes.	Equipment & Furnishing
C	BBC S03 - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 42,369	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish. Average age of system.	Interior Finishes
C	KCC - Wall Finishes - Ceramic Wall Tile	$ 20,700	Replacement for Ceramic Wall Tile. Interior wall coverings include thin set ceramic tiles.	Interior Finishes
C	KCC - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 156,200	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish. Average age of system.	Interior Finishes
C	KCC - Floor Finishes - Carpeting - Tile	$ 392,175	Replacement for Carpeting - Tile. Floor finishes include medium priced carpeting and base. Average age of system.	Interior Finishes
C	KCC - Ceiling Finishes - ACT System - Standard	$ 226,800	Replacement for ACT System - Standard. Standard suspended ACT ceiling system with 2 x 2 or 2 x 4 regular tiles in 15/16 or 9/16-in. grids. at classrooms, offices, and administration areas.	Interior Finishes
C	KCC - Equipment and Furnishings - Built-In Cabinetry	$ 30,075	Replacement for Built-In Cabinetry. Built-in standard grade cabinets, including countertops. NOTE: Best available RS Means line items selected, with sizes and quantities estimated for budgetary purposes.	Equipment & Furnishing
C	KCC - Pedestrian Paving - Pedestrian Pavement - Concrete	$ 23,194	Replacement for Pedestrian Pavement - Concrete. Sidewalk, cast-in-place concrete, 5" thick, 6x6-#10 mesh, broom finish with 2" sand bedding. At exterior walkways and patio areas.	Site Improvements
C	KCC - Fences and Gates - Railings	$ 53,044	Replacement for Railings. Railing, pipe, aluminum, satin finish, 3 rails, 3'-6" high, posts @ 5' O.C., 1-1/4" dia, shop fabricated located at entry ramps and common areas. NOTE: Best available RS Means line items selected, with sizes and quantities estimated for budgetary purposes.	Site Improvements
C	AHC1 - Partitions - Folding Partitions	$ 110,430	Replacement for Folding Partitions. The building interior includes folding panel partitions with acoustical seals.	Interior Construction
C	AHC1 - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 344,104	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish.	Interior Finishes
C	AHC1 - Floor Finishes - Carpeting - Tile	$ 272,671	Replacement for Carpeting - Tile. Floor finishes include a standard range carpet tiles (18 x 18 or 24 x 24 modules) and vinyl or rubber base, selected for medium traffic areas. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Finishes
C	AHC1 - Floor Finishes - Concrete - Sealed	$ 20,833	Replacement for Concrete - Sealed. Typical sealed (water proof/traffic coated) concrete in the roof penthouse and mechanical/electrical equipment rooms used to assist with housekeeping.	Interior Finishes

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C	AHC1 - Floor Finishes - VCT - Average	$ 255,641	Replacement for VCT - Average. Floor finishes include areas of standard vinyl composition tile (VCT) flooring and related base, primarily located on the Ground Floor. System observed years remaining have been increased based on the observed condition of the system and equipment.	Interior Finishes
C	AHC1 - Floor Finishes - Vinyl Sheet Goods	$ 49,891	Replacement for Vinyl Sheet Goods. Floor finishes include the lobby area which consists of vinyl sheet goods (welded seams) and related base. System observed years remaining have been increased based on the observed condition of the system and equipment.	Interior Finishes
C	AHC1 - Ceiling Finishes - ACT Ceiling System	$ 399,000	Replacement for ACT Ceiling System. Standard suspended acoustical ceiling tile (ACT) system with 2 x 2 or 2 x 4 tegular (reveal edge) tiles in 13/16" grid throughout lab and office areas. The lobby ceiling is a scored linear suspended acoustical ceiling tile also with a reveal edge in a 9/16" grid.	Interior Finishes
C	AHC2 - Identifying Devices - Fittings - Signage (Room Numbering and Identification)	$ 20,058	Replacement for Fittings - Signage (Room Numbering and Identification). Room, door and graphic symbol signs with Braille and attached using an adhesive back. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Construction
C	AHC2 - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 259,534	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish.	Interior Finishes
C	AHC2 - Floor Finishes - Carpeting - Tile	$ 544,324	Replacement for Carpeting - Tile. Floor finishes include a standard range carpet tiles (18 x 18 or 24 x 24 modules) and vinyl or rubber base, selected for medium traffic areas. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Finishes
C	AHC2 - Floor Finishes - VCT - Average	$ 81,128	Replacement for VCT - Average. Floor finishes include areas of standard vinyl composition tile (VCT) flooring and related base, primarily located on the Ground Floor. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Finishes
C	AHC2 - Floor Finishes - Vinyl Sheet Goods	$ 57,814	Replacement for Vinyl Sheet Goods. Floor finishes include the lobby area which consists of vinyl sheet goods (welded seams) and related base.	Interior Finishes
C	AHC3 - Identifying Devices - Fittings - Signage (Room Numbering and Identification)	$ 21,044	Replacement for Fittings - Signage (Room Numbering and Identification). Room, door and graphic symbol signs with Braille and attached using an adhesive back.	Interior Construction
C	AHC3 - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 277,778	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish.	Interior Finishes
C	AHC3 - Floor Finishes - Carpeting - Tile	$ 308,293	Replacement for Carpeting - Tile. Floor finishes in the office areas include a standard range carpet tiles (18 x 18 or 24 x 24 modules) and vinyl or rubber base, selected for medium traffic areas.	Interior Finishes
C	BT - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 40,040	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish.	Interior Finishes
C	BT - Floor Finishes - Carpeting - Broadloom	$ 46,843	Replacement for Carpeting - Broadloom. Floor finishes include medium priced carpeting and base throughout the majority of the public spaces in the facility. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Finishes
C	BT - Ceiling Finishes - ACT Ceiling System	$ 22,213	Replacement for ACT Ceiling System. Standard suspended acoustical ceiling tile (ACT) system with 2 x 2 or 2 x 4 tegular (reveal edge) tiles in 9/16" grid.	Interior Finishes
C	CP - Identifying Devices - Fittings - Signage (Room Numbering and Identification)	$ 29,593	Replacement for Fittings - Signage (Room Numbering and Identification). Room, door and graphic symbol signs with Braille and attached using an adhesive back. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Construction

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
C	CP - Floor Finishes - Carpeting - Tile	$ 178,658	Replacement for Carpeting - Tile. Floor finishes include a standard range carpet tiles (18 x 18 or 24 x 24 modules) and vinyl or rubber base, selected for medium traffic areas. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Finishes
C	CP - Floor Finishes - Concrete - Sealed	$ 144,029	Replacement for Concrete - Sealed. Typical sealed concrete in the majority of the labs as well as in the roof penthouse and mechanical/electrical equipment rooms used to assist with housekeeping. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Finishes
C	CP Floor Finishes - VCT - Average	$ 118,675	Replacement for VCT - Average. Floor finishes include areas of standard vinyl composition tile (VCT) flooring and related base, primarily located in the major corridors serving the labs.	Interior Finishes
C	CP - Ceiling Finishes - ACT Ceiling System	$ 597,450	Replacement for ACT Ceiling System. The original standard suspended acoustical ceiling tile (ACT) system with 2' x 2' or 2' x 4' tiles in 13/16" grid remains throughout lab areas. Office and corridor areas have had the ceiling tile replaced c. 2006.	Interior Finishes
C	CASE - Ceiling Finishes - Exterior Soffits - Metal Lath & Plaster	$ 65,159	Replacement for Exterior Soffits - Metal Lath & Plaster. Metal lath & plaster ceiling system, finished and painted with primer and 2 finish coats. Exterior soffit & fascia finish on suspension system or fastened to metal framing.	Interior Finishes
C	WPAC - Fittings - Restroom Accessories	$ 96,378	Replacement for Restroom Accessories. The restroom accessories include mirror, grab bars, paper towel dispenser and disposal, diaper changing station, toilet paper holder and soap dispenser.	Interior Construction
C	WPAC - Identifying Devices - Fittings - Signage (Room Numbering and Identification)	$ 50,735	Replacement for Fittings - Signage (Room Numbering and Identification). Room, door and graphic symbol signs. Adhesive backs and Braille. The observed years are set to account for system condition.	Interior Construction
C	WPAC - Wall Finishes - Ceramic Tile	$ 25,429	Replacement for Ceramic Tile. Building wall coverings include 4-in. x 4-in. thin set ceramic decorator tiles at medium price. Tile job includes wainscot with bull nose trim.	Interior Finishes
C	WPAC - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish) - 2009	$ 111,443	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish) - 2009. Interior wall finishes include standard paint finish on gypsum wall board. Year installed based on continuous maintenance program within buildings.	Interior Finishes
C	WPAC - Floor Finishes - ~Carpeting - Auditorium Carpet Tile - 2010	$ 46,254	Replacement for Carpeting - Auditorium Carpet Tile - 2010. Floor finishes include broadloom carpeting in the performance halls and offices. The observed years are based on a non-immediate replacement of system. FIU Note(s): Description edite: " Floor finishes include broadloom carpeting in the auditorium..." - Assessors JCC(Sept.2013)	Interior Finishes
C	WPAC - Floor Finishes - Carpeting - Office Carpet Tile - 2010	$ 76,083	Replacement for Carpeting - Office Carpet Tile - 2010. Floor finishes include broadloom carpeting in the performance halls and offices. The observed years are based on a non-immediate replacement of system. FIU Note(s): Description edite: " Floor finishes include broadloom carpeting in the offices..." - Assessors JCC(Sept.2013)	Interior Finishes
C	WPAC - Floor Finishes - Ceramic Tile	$ 40,212	Replacement for Ceramic Tile. Floor finishes include 2 x 2 ceramic tile and base within restrooms.	Interior Finishes
C	WPAC - Floor Finishes - VCT - Quality	$ 133,882	Replacement for VCT - Quality. Floor finishes include 12 x 12 x 1/8-in. thick solid vinyl tiles and base of higher quality than standard VCT. The observed years remaining is set to account for condition.	Interior Finishes
C	WPAC - Ceiling Finishes - ACT System - Standard	$ 175,064	Replacement for ACT System - Standard. Standard suspended ACT ceiling system with 2 x 2 or 2 x 4 regular tiles in 15/16-in. grids.	Interior Finishes
C	WPAC - Equipment and Furnishings - Fixed Casework	$ 20,373	Replacement for Fixed Casework. Building includes average plastic laminate casework including wall and under counter cabinets and countertops, without appliances.	Equipment & Furnishing
C	MANGO - Floor Finishes - Concrete - Polished	$ 21,966	Replacement for Concrete - Polished. Typical polished concrete with colored stain. Typical locations included main atrium floor, general seating area, tel data and elec. roms, Stair 1 and 2.	Interior Finishes

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
C	OE - Floor Finishes - VCT - Average	$ 366,630	Replacement for VCT - Average. Floor finishes include areas of standard vinyl composition tile (VCT) flooring and related base, primarily located on the Ground Floor.	Interior Finishes
C	PCA - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 51,205	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish.	Interior Finishes
C	RDB - Identifying Devices - Fittings - Signage (Room Numbering and Identification)	$ 23,346	Replacement for Fittings - Signage (Room Numbering and Identification). Room, door and graphic symbol signs. Adhesive backs and Braille.	Interior Construction
C	RDB - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 273,658	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish.	Interior Finishes
C	RDB - Floor Finishes - Carpeting - Carpet Tile - 2006	$ 173,778	Replacement for Carpeting - Carpet Tile - 2006. Floor finishes include medium priced commercial carpeting and rubber wall base, primarily in the office areas and corridors.	Interior Finishes
C	RDB - Floor Finishes - VCT - Average	$ 20,200	Replacement for VCT - Average. Floor finishes include areas of standard VCT flooring and related base.	Interior Finishes
C	RB - Wall Finishes - Ceramic Tile	$ 141,422	Replacement for Ceramic Tile. Building wall coverings include 4-in. x 4-in. thin set ceramic decorator tiles at medium price. Tile job includes wainscot with bull nose trim.	Interior Finishes
C	RB - Floor Finishes - Carpeting - Broadloom - Medium Range - 2005	$ 153,682	Replacement for Carpeting - Broadloom - Medium Range - 2005. Floor finishes include medium priced carpeting and base.	Interior Finishes
C	RB - Floor Finishes - Ceramic Tile	$ 20,145	Replacement for Ceramic Tile. Floor finishes include ceramic tile and base in restrooms.	Interior Finishes
C	RB - Floor Finishes - VCT - Average	$ 89,052	Replacement for VCT - Average. Floor finishes include areas of standard VCT flooring and related base.	Interior Finishes
C	RB - Ceiling Finishes - ACT Ceiling System - 1992	$ 103,690	Replacement for ACT Ceiling System - 1992. Standard suspended ACT ceiling system with 2 x 2 or 2 x 4 regular tiles in 15/16 or 9/16-in. grids. Use add-ons as applicable.	Interior Finishes
C	ZEB - Wall Finishes - Ceramic Tile	$ 127,037	Replacement for Ceramic Tile. Building wall coverings include 4-in. x 4-in. thin set ceramic decorator tiles at medium price. Tile job includes wainscot with bull nose trim.	Interior Finishes
C	ZEB - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 113,762	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish.	Interior Finishes
C	ZEB - Floor Finishes - Carpeting - Commercial / Medium Range	$ 331,896	Replacement for Carpeting - Commercial / Medium Range. Floor finishes include medium priced commercial carpeting and rubber wall base, throughout the building.	Interior Finishes
C	ZEB - Floor Finishes - Ceramic Tile	$ 28,051	Replacement for Ceramic Tile. Floor and wall finishes in the toilet rooms include ceramic tile on the walls and on the floors.	Interior Finishes
C	ZEB - Ceiling Finishes - ACT Ceiling System	$ 228,900	Replacement for ACT Ceiling System. 2' x 2' x 3/4-in. ACT fiberglass panels ceiling with snap on metal ceiling suspension system	Interior Finishes
C	ZEB - Equipment and Furnishings - Fixed Casework - Average	$ 177,798	Replacement for Fixed Casework - Average. Building includes average plastic laminate casework including wall and under counter cabinets and countertops, without appliances.	Equipment & Furnishing
C	GL - Floor Finishes - ~Carpeting - Broadloom	$ 697,200	Replacement for Carpeting - Broadloom. Floor finishes include medium priced carpeting and base throughout the majority of the public spaces in the facility. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Finishes

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
C	GL - Floor Finishes - Carpeting - Broadloom	$ 1,045,800	Replacement for Carpeting - Broadloom. Floor finishes include medium priced carpeting and base throughout the majority of the public spaces in the facility. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Finishes
C	SASC - Floor Finishes - Concrete - Polished	$ 20,866	Replacement for Concrete - Polished. Typical polished concrete. Typical locations include 1st floor auditorium lobby and Atrium	Interior Finishes
C	VH - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish)	$ 193,600	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish). Interior wall finishes include standard paint finish.	Interior Finishes
C	VH - Floor Finishes - Carpeting - Broadloom	$ 275,975	Replacement for Carpeting - Broadloom. Floor finishes include medium priced carpeting and base throughout the majority of the office spaces in the facility. ?System observed years remaining have been increased based on the observed condition of the system and equipment.?	Interior Finishes
C	VH - Floor Finishes - VCT - Average	$ 119,180	Replacement for VCT - Average. Floor finishes include areas of standard vinyl composition tile (VCT) flooring and related base, primarily located in the corridor area.	Interior Finishes
C	VH - Ceiling Finishes - ACT Ceiling System - 2000	$ 28,358	Replacement for ACT Ceiling System - 2000. Standard suspended acoustical ceiling tile (ACT) system with 2 x 2 or 2 x 4 tegular (reveal edge) tiles in 9/16" grid.	Interior Finishes
C	VH - Ceiling Finishes - GWB Taped and Finished	$ 25,740	Replacement for GWB Taped and Finished. Gypsum wallboard (GWB) ceiling system over 8-ft above floor taped, finished and painted with primer and 2 finish coats. Ceiling secured to typical suspension system or fastened to metal framing.	Interior Finishes
C	VH - Equipment and Furnishings - Laboratory Rooms - Equipment & Furnishings - 1975	$ 296,125	Replacement for Laboratory Rooms - Equipment & Furnishings - 1975. The building includes laboratory equipment, casework, acid proof countertops and appropriate shelving, drawers and storage for a college research setting. Estimate is based on the total SF of laboratory rooms.	Equipment & Furnishing
C	W01 - Floor Finishes - VCT - Average	$ 40,400	Replacement for VCT - Average. Floor finishes include areas of standard VCT flooring and related base. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Interior Finishes
C	W10 - Floor Finishes - VCT - Average	$ 24,063	Replacement for VCT - Average. Floor finishes include areas of standard VCT flooring and related base.	Interior Finishes
C	W07 - Floor Finishes - Concrete - Painted	$ 38,730	Replacement for Concrete - Painted. Typical painted concrete floor with sealer.	Interior Finishes
C	EC - Partitions - Folding Partitions - Economy - 2002	$ 30,150	Replacement for Folding Partitions - Economy - 2002. The building interior includes economy folding partitions. At 1st floor room 1252. Note: Class was in session at time of 2011 assessment. No system photo available.	Interior Construction
C	EC - Interior Doors - Swinging Doors - 3 x 7 HM - Rated - Stairs	$ 88,614	Replacement for Swinging Doors - 3 x 7 HM - Rated - Stairs. Interior doors include rated 3 x 7 steel door and steel frame with hinges, lockset (knob or lever), panic hardware and closer. Includes painted door and painted frame. At exit stair towers. Doors have damaged and mismatched hardware, fire rating labels are missing or obscured and system is prematurely approaching the end of its rated life. Years remaining has been reduced accordingly.	Interior Construction
C	EC - Interior Doors - Swinging Doors - Pair - 5 x 7 Wd - Rated - Chases	$ 145,375	Replacement for Swinging Doors - Pair - 5 x 7 Wd - Rated - Chases. Interior doors include pr. rated 2-ft. 6-in. x 7 wood doors and steel frame with hinges, locksets (knob), exit hardware and closers. Includes finished doors and painted frame. At 2nd and 3rd floor interior chases. Doors have damaged and mismatched hardware, fire rating labels are missing or obscured and system is prematurely approaching the end of its rated life. Years remaining has been reduced accordingly.	Interior Construction
C	EC - Fittings - Restroom Accessories - Average - 1995	$ 283,533	Replacement for Restroom Accessories - Average - 1995. The restroom accessories include mirror, grab bars, paper towel dispenser and disposal, toilet paper holder and soap dispenser. At 2nd and 3rd floor restrooms. Average age of system.	Interior Construction

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
C	EC - Fittings - Restroom Accessories - Average - 2002	$ 63,795	Replacement for Restroom Accessories - Average - 2002. The restroom accessories include mirror, grab bars, paper towel dispenser and disposal, toilet paper holder and soap dispenser. At 1st floor restrooms. Average age of system.	Interior Construction
C	EC - Identifying Devices - Fittings - Signage (Room Numbering and Identification) - 2007	$ 266,523	Replacement for Fittings - Signage (Room Numbering and Identification) - 2007. Room, door and graphic symbol signs. Adhesive backs and Braille. Average age of system.	Interior Construction
C	EC - Wall Finishes - Ceramic Wall Tile - 1995	$ 99,018	Replacement for Ceramic Wall Tile - 1995. Building wall coverings include 4-in. x 4-in. thin set ceramic decorator tiles at medium price. At 2nd and 3rd floor restrooms. Average age of system.	Interior Finishes
C	EC - Floor Finishes - Carpeting - Broadloom - Medium Range - 1995	$ 96,323	Replacement for Carpeting - Broadloom - Medium Range - 1995. Floor finishes include medium priced carpeting and base. At 2nd floor offices at SE quadrant. Average age of system. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Interior Finishes
C	EC - Floor Finishes - Carpeting - Tile - 2007	$ 543,787	Replacement for Carpeting - Tile - 2007. Floor finishes include a standard range carpet tiles (18 x 18 or 24 x 24 modules) and vinyl or rubber base, for medium traffic areas. All floors. Average age of system.	Interior Finishes
C	EC - Floor Finishes - Ceramic Floor Tile - 1995	$ 185,061	Replacement for Ceramic Floor Tile - 1995. Floor finishes include ceramic tile and base. At 2nd and 3rd floor restrooms. Average age of system.	Interior Finishes
C	EC - Floor Finishes - VCT - Average - 1995	$ 600,455	Replacement for VCT - Average - 1995. Floor finishes include areas of standard VCT flooring and related base. At 2nd and 3rd floor. Average age of system. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Interior Finishes
C	EC - Floor Finishes - VCT - Average - 2002	$ 196,263	Replacement for VCT - Average - 2002. Floor finishes include areas of standard VCT flooring and related base. At ground floor offices, classrooms and labs, etc. Average age of system. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Interior Finishes
C	EC - Floor Finishes - Vinyl Stair Treads - 1995	$ 37,166	Replacement for Vinyl Stair Treads - 1995. Floor finishes include areas of standard vinyl treads and risers at interior exit stairs and landings. Per flight.	Interior Finishes
C	EC - Ceiling Finishes - ACT System - Standard - 1995	$ 252,181	Replacement for ACT System - Standard - 1995. Standard suspended ACT ceiling system with 2 x 2 or 2 x 4 regular tiles in 9/16-in. grids. At 2nd and 3rd floor. Average age of system.	Interior Finishes
C	EC - Equipment and Furnishings - Fixed Casework - Average - 1995	$ 44,450	Replacement for Fixed Casework - Average - 1995. Building includes average plastic laminate casework including wall and under counter cabinets and countertops, without appliances. At 2nd and 3rd floor. Average age of system.	Equipment & Furnishing
C	EC - Parking Lots - Parking Lot - Bituminous (Straight-in) - 1995	$ 78,329	Replacement for Parking Lot - Bituminous (Straight-in) - 1995. Surface parking lot, 90< angle parking (3" bituminous paving, 6" gravel base). Includes gravel bed, scratch coat, finish coat, striping for vehicles, sealant and wheel stops (precast concrete). At unenclosed portions of 1st floor (below roof line only). Includes 7 properly marked and labeled handicap parking spaces. Average age of system.	Site Improvements
C	EC - Pedestrian Paving - Pedestrian Pavement - Concrete - 1995	$ 38,656	Replacement for Pedestrian Pavement - Concrete - 1995. Sidewalk, cast-in-place concrete, 5" thick, 6x6-#10 mesh, broom finish with 2" sand bedding. At unenclosed portions of 1st floor (below roof line only). Average age of system.	Site Improvements
C	EC OU - Fittings - Restroom Accessories - Average - 1995	$ 38,311	Replacement for Restroom Accessories - Average - 1995. The restroom accessories include mirror, grab bars, paper towel dispenser and disposal, toilet paper holder and soap dispenser.	Interior Construction
C	EC OU - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish) - 2000	$ 123,298	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish) - 2000. Interior wall finishes include standard paint finish. Average age of system. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Interior Finishes
C	EC OU - Floor Finishes - Ceramic Floor Tile - 1995	$ 24,998	Replacement for Ceramic Floor Tile - 1995. Floor finishes include ceramic tile and base.	Interior Finishes

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C	EC OU - Floor Finishes - VCT - Average - 1995	$ 53,358	Replacement for VCT - Average - 1995. Floor finishes include areas of standard VCT flooring and related base. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Interior Finishes
C	Wolfs Annex MB02 - Partitions - CMU Block Walls - Plaster Facing 1 Side	$ 58,671	Replacement for CMU Block Walls - Plaster Facing 1 Side. The building interior walls are of 8-in. hollow concrete block, light or regular weight, with 3-coat plaster on one side. Also included 1-in. ribbed, 8-in. block and non and load bearing terra cotta partitions.	Interior Construction
C	Wolfs Annex MB02 - Partitions - CMU Block Walls - Plaster Facing 2 Sides	$ 136,887	Replacement for CMU Block Walls - Plaster Facing 2 Sides. The building interior walls are of 8-in. hollow concrete block, light or regular weight, with 3-coat plaster on both sides. Also included 1-in. ribbed, 8-in. block and non and load bearing terra cotta partitions.	Interior Construction
C	Wolfs Annex MB02 - Interior Doors - Swinging Doors - 3 x 7 HM - NR	$ 26,112	Replacement for Swinging Doors - 3 x 7 HM - NR. Interior doors include non-rated 3 x 7 steel door and steel frame with hinges, lockset (knob) and closer. Average age of system. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Interior Construction
C	Wolfs Annex MB02 - Wall Finishes - Marble Wall Finish - 1965	$ 59,864	Replacement for Marble Wall Finish - 1965. Wall finishes include marble wall panels and tiles. At 2nd & 3rd floor restrooms.	Interior Finishes
C	Wolfs Annex MB02 - Wall Finishes - Painted Finish - Average (1 Coat Prime - 2 Coats Finish) - 1995	$ 89,593	Replacement for Painted Finish - Average (1 Coat Prime - 2 Coats Finish) - 1995. Interior wall finishes include standard paint finish. Average age of system. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Interior Finishes
C	Wolfs Annex MB02 - Wall Finishes to Inside Exterior Walls - Plaster Walls - Veneer on Exterior Masonry	$ 43,954	Replacement for Plaster Walls - Veneer on Exterior Masonry. The interior face of building exterior walls consist of 3 coat plaster veneer. Exterior walls described elsewhere.	Interior Finishes
C	Wolfs Annex MB02 - Floor Finishes - Concrete Floor Slab - Painted - 1995	$ 36,761	Replacement for Concrete Floor Slab - Painted - 1995. Typical painted concrete with an abrasive textured additive to prevent slipping. At service spaces, storage and archive spaces. Observed Years has been adjusted to reflect the actual condition as observed in the field.	Interior Finishes
C	Wolfs Annex MB02 - Floor Finishes - Terrazzo - Cast-in-Place	$ 44,818	Replacement for Terrazzo - Cast-in-Place. Floor finishes include cast-in-place terrazzo and related base. At entrance lobby, etc.	Interior Finishes
C	Wolfs Annex MB02 - Ceiling Finishes - Painted Ceiling - Average (1 Coat Prime - 2 Coats Finish) - 1986	$ 39,855	Replacement for Painted Ceiling - Average (1 Coat Prime - 2 Coats Finish) - 1986. Interior ceiling finishes include standard paint finish on exposed concrete structure.	Interior Finishes
C	Wolfsonian MB01 - Fittings - Restroom Accessories - High End - 1992	$ 149,477	Replacement for Restroom Accessories - High End - 1992. The restroom accessories include mirror, grab bars, paper towel dispenser and disposal, diaper changing station, toilet paper holder and soap dispenser. Average age of system.	Interior Construction
C	OBCC - Distribution Systems - Central AHU - Const Volume w/Distribution - 1984	$ 54,065	At the time of the survey, it was noted that office areas including the custodial office (125B), administrative area (180B) and the balcony (200W1) are occupied spaces without ventilation as required in the Florida Building Code: Mechanical 401.2.	HVAC
C	OBCC - Distribution Systems - Central AHU - Const Volume w/Distribution - 1984	$ 31,868	At the time of the survey, it was noted that that air filters within the air handlers were poorly fitted and damaged allowing dirt to enter the air handling system and collect on diffusers, ductwork, and cooling coils. This creates unsightly dirty air diffusers and will decrease the heat transfer and air flow through the cooling coils.	HVAC

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
C	ZEB - Distribution Systems - Central AHU - Const Volume w-Distribution	$ 20,750	It was observed that the supply/return diffusers/registers were coated with dust and dirt in many of the first floor classrooms. The diffusers/registers and ductwork should be cleaned and rebalanced and an assessment conducted to assure that all intake filter assemblies are functioning and/or installed correctly. Some may have to be replaced. There is a corroded ceiling grille on the building's exterior at the SW corner of room 150, close to the door, that should be replaced for aesthetic reasons. Note: Dirt on the outside of the diffusers and on the ceiling immediately at the diffusers is typically aspirated dirt obtained from the air inside of the room. Since the doors on this floor open directly to the outside, it is thought that the dirt is being brought in with the outside air.	HVAC
		$ 142,734,572		

FLORIDA STATE UNIVERSITY

Contact Name: Dave Irvin

Contact Phone & Email: dirvin@fsu.edu 850 644-8136

Deferred Maintenance on E&G Facilities
(over and above those cited on the 8/2/21 list pursuant to EOG Memo #21-034A)

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	Love Building	$ 8,000,000	Replace roof and HVAC system, update Fire Alarm, install sprinkler system, add ADA restooms	
2	Fine Arts Buildings	$ 15,500,000	Replace roof, update lifesafety/code, add ADA restooms	
3	Main Campus Roof Replacement and envelope	$ 17,500,000	Replace the following roofs: Bio Medical, Montgomery Gym, Master Craftsman, Recycling Center, Medical School Admin Wing, Fisher Aud, Maryland Circle, and COEngineering B envelope	
4	Dittmer Chemistry Building	$ 34,000,000	Replace HVAC and roof/envelope/window and fire alarm repair. Add sprinkler, repairs exit stairs, and code updates	
5	Collins Research Building	$ 8,000,000	Replace roof/envelope repairs, HVAC return air systems	
6	University Center A, C, D	$ 8,500,000	Replace HVAC systems , Reroof UCD, glass replacement in UCC	
7	Ringling Campus/CFPA	$ 5,500,000	Reroof/envelope at Ca' d' Zan, Art Museum, utilities and infrastructure	
8	Mag Lab Infrastructure	$ 17,500,000	Upgrade Electrical, mechanical, and infastructure systems	
9	Panama City Campus Buildings	$ 3,750,000	Replace roofs, repairs smoke evacuation system in Holley	
10	Campus Infrastructure	$ 9,000,000	Electrical and chilled water repairs and upgrades	
11	Engineering Lab Building Renovation	$ 3,650,000	Renovate space, include envelope work, new HVAC, ADA and Building Systems/code improvements	
12	Dirac Science Library HVAC replacement	$ 5,000,000	Replace HVAC system and envelope repairs	
13	Diffenbaugh Building	$ 5,500,000	Replace HVAC system, infrastructure and envelope repairs	
14	Williams Building	$ 3,500,000	Elevator, fire alarm and interior upgrades	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
15	Dodd Hall?Dodd Hall Auditorium	$ 5,000,000	Elevator, fire alarm and interior upgrades	
16	Criminology/Criminal Justice (Eppes)	$ 150,000	Exterior envelope and site upgrades	
17	Kellogg Building	$ 8,000,000	Replace the following Roofs: Bio Medical, Montgomery Gym, Master Craftsman, Recycling Center, Medical School Admin. Wing, Fisher Aud	
18	Bellamy Building	$ 6,500,000	Elevator, fire alarm, infrastructure and interior upgrades	
19	Biomedical Research Facility	$ 2,800,000	Infrastructure Improvements	
20	Shores Building	$ 900,000	Replace HVAC controls and interior upgrades	
21	Rovetta Building A	$ 1,000,000	Replace HVAC controls, plumbing fixtures, door locks and interior upgrades	
22	Montgomery	$ 1,500,000	Roof repair, elevator and interiors upgrades	
23	Thagard Building	$ 1,000,000	Infrastructure Improvements	
24	College of Law (BK Roberts)	$ 5,900,000	Infrastructure improvements and interior upgrades	
25	Hoffman Teaching Lab	$ 2,500,000	Infrastructure improvements	
26	Rogers Building (OSB)	$ 5,000,000	Infrastructure improvements and interior upgrades	
27	Fisher Lecture Hall	$ 450,000	Infrastructure and interior upgrades	
28	Biology Unit One (2nd Flr)	$ 4,000,000	Infrastructure Improvements, fire alarm and interiors upgrade	
29	Duxbury Hall	$ 2,000,000	Infrastructure and interior upgrades	
30	Keen Building	$ 5,500,000	Replace HVAC controls, elevator upgrades, plumbing fixtures and door upgrades	
31	Richards Building	$ 2,000,000	Replace HVAC controls, elevator upgrades, plumbing/lighting fixtures and door upgrades	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
32	Housewright/Kursteiner Music Building	$ 8,500,000	Elevator, HVAC controls, exterior glazing, plumbing fixtures and interior upgrades	
33	Carothers Hall	$ 7,500,000	Roof repairs, Elevator, HVAC controls, fire alarm and interior improvements	
34	Pepper Building	$ 1,270,000	Fire alarm, plumbing and site upgrades	
35	Longmire Building	$ 1,500,000	Plumbing fixtures, interior upgrades, exterior sealants	
36	Tanner Hall	$ 500,000	Elevator, fire alarm and infrastructure improvements	
37	Mendenhall Buildings A/B	$ 2,500,000	HVAC controls, fire alarm, infrastructure, plumbing fixtures and interior upgrades	
38	Spiecher Tennis Center	$ 70,000	Elevator modernization	
39	Carraway Building	$ 3,000,000	Replace HVAC controls, elevator modernization, exterior lighting and interior upgrades	
40	Harpe-Johnson Building	$ 900,000	Fire alarm, exterior/interior lighting upgrades	
41	Tully Gym	$ 6,500,000	HVAC controls upgrade, infrastructure and lighting improvements	
42	Strozier Library	$ 9,900,000	HVAC, lighting and interior upgrades	
43	Sandals Building	$ 5,000,000	Roof repair, HVAC upgrades and elevator improvements	
44	Kasha Laboratory	$ 1,000,000	HVAC, fire alarm, elevator improvements and interior upgrades	
45	Moore Auditorium (Oglesby Union)	$ 400,000	Fire alarm and lighting upgrades, interior upgrades	
46	Student Services Building	$ 900,000	Exterior lighting, envelope repairs	
47	Northwest Regional Data Center	$ 2,000,000	Fire alarm, lighting and interior upgrades	
48	Marine Lab (Main Buidling)	$ 2,000,000	HVAC improvements, infrastrucute and interior upgrades	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
49	Fine Arts Theater Annex	$ 1,800,000	Roof repair, lighting, windows and interior upgrades	
50	Marriage and Family Clinic	$ 250,000	Lighting, windows and site improvements	
51	Alumni Center	$ 450,000	Interior upgrades	
52	FSU-FAMU COE Building A/B	$ 7,000,000	Infrastructure, HVAC controls upgrades, elevator modernization, lighting and interior improvements	
53	Fuqua Research Complex	$ 2,000,000	HVAC, lighting, infrastructure and interior upgrades	
54	Frank Shaw Building	$ 900,000	Elevator, fire alarm, lighting and infrastructure improvements	
55	Research Foundation Blgs A/B	$ 2,000,000	Elevator, lighting and interior improvements	
56	Materials Research Building	$ 900,000	Elevator and interior upgrades	
57	Aeronautics, Mechatronics and Energy Buidling	$ 300,000	Interior upgrades, exterior sealants	
58	Technology Services Building	$ 250,000	Interior improvements	
59	Commonwealth Research Complex	$ 400,000	Exterior, infrastructure, plumbing fixtures and interior upgrades	
60	Facility for Arts Research	$ 200,000	Fire alarm, exterior and Interior upgrades	
61	College of Medicine, Thrasher, Research and Peaden Auditorium	$ 2,500,000	Infrastructure, lighting and interior improvements	
62	Psychology Building	$ 50,000	Interior upgrades	
62	King Life Sciences Building	$ 2,000,000	Elevator and interior improvements	
64	Dunlap Student Success Center	$ 800,000	Elevator and interior improvements	
65	Carnaghi Arts Building	$ 4,000,000	Infrastructure and interior improvements	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
66	Morcom Aquatics Center	$ 60,000	Interior upgrades	
67	FHP Academy	$ 7,000,000	HVAC, infrastructure, plumbing fixtures and Interior upgrades	
	TOTAL:	**$ 285,400,000**		

NEW COLLEGE OF FLORIDA

Contact Name: Christian Kinsley

Contact Phone & Email: (941) 487-4444 ckinsley@ncf.edu

Deferred Maintenance on E&G Facilities
(over and above those cited on the 8/2/21 list pursuant to EOG Memo #21-034A)

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	College Hall	$ 2,163,184	College Hall was constructed in the 1926s. The repairs to this building include ADA accessibility upgrades; HVAC and electrical upgrades; restoration of marble finish; upgrades to life safety systems; miscellaneous interior repairs and replacement of sanitary, water and stormwater piping throughout the building.	
2	Cook Hall	$ 1,442,097	Cook Hall was constructed in the 1926s. The repairs to this building include ADA accessibility upgrades; HVAC and electrical systems upgrades; upgrades to life safety systems and replacement of sanitary, water and stormwater piping throughout the building	
3	Robertson Hall	$ 564,514	Robertson Hall was constructed in the 1926s. The repairs to this building include ADA accessibility upgrades; HVAC and electrical upgrades; replacement of sanitary, water and stormwater piping; upgrades to life safety systems; windows and doors replacement; miscellaneous interior repairs and roof replacement	
4	Social Science	$ 304,224	Social Sciences was constructed in 1925. The repairs to this building include ADA accessibility upgrades; HVAC and electrical upgrades; replacement of sanitary, water and stormwater piping; upgrades to life safety systems; windows and doors replacement; and miscellaneous interior repairs	
5	Four Winds (The Barn)	$ 100,288	Four Winds was constructed in 1925. Repairs to the buidling include exterior renovations including replacement of windows, doors and siding; and sanitary, water and stormwater piping replacement	
10	Caples Mansion	$ 4,066,775	Caples Mansion was constructed in 1926. The repairs to this building include ADA accessibility upgrades; electrical upgrades; stucco repairs; miscellaneous interior repairs; roof replacement; exterior deck surfaces repairs; windows and doors repalcement; repair of decorative wrought iron; and replacement of sanitary, water and stormwater piping and providing hot water to lavatories.	
11	Caples Carriage House	$ 1,099,446	Caples Carriage House was constructed in 1926. The repairs to this building include ADA accessibility upgrades; upgrades to life safety system; HVAC and electrical upgrades; stucco repairs; miscellaneous interior repairs; roof replacement; exterior deck surfaces repairs; windows and doors replacement; repair of decorative wrought iron; replacement of sanitary, water and stormwater piping and providing hot water to lavatories.	

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
12	Hamilton Center	$ 3,199,300	Hamilton Center was constructed in 1967. The repairs to this building include ADA accessibility upgrades; exterior brick and concrete veneer repairs; upgrades to life safety system; HVAC and electrical upgrades; miscellaneous interior repairs; roof replacement; exterior deck surfaces repairs; windows and doors replacement; and replacement of sanitary, water and stormwater piping.	
13	Sudakoff	$ 811,826	Built in 1985, this building serves as NCF's lecture and conference center. The repairs to this building include exterior painted pre-cast concrete and construction joint repairs; upgrades to life safety system; restroom renovations; electrical upgrades; miscellaneous interior repairs; roof replacement; and replacement of water and stormwater piping.	
14	Library	$ 1,385,912	Library was constructed in 1985. The repairs to this building include exterior stucco repairs; roof repairs; window repair and repalcement; and replacement of sanitary and stormwater piping and elevator modernization.	
15	Sanier Auditorium	$ 415,739	Sanier Auditorium was built in 1992. Repairs to the building include stucco repairs and painting; HVAC and electrical upgrades; replacement of water and stormwater piping; and miscellaneous interior repairs	
16	Counseling and Wellness Center	$ 115,805	Sanier Auditorium was built in 1992. Repairs to the building include stucco repairs and painting; HVAC and electrical upgrades; replacement of water and stormwater piping; and miscellaneous interior repairs	
17	Knight House	$ 351,697	Knight House was constructed in 1955. The repairs to this building include ADA accessibility upgrades; HVAC and electrical upgrades; roof replacement; window and doors replacement; upgrades to life safety systems; miscellaneous interior repairs and replacement of sanitary, water and stormwater piping throughout the building.	
18	Salvatori Residence	$ 340,492	Salvatori Residence was constructed in 1958. The repairs to this building include ADA accessibility upgrades; HVAC and electrical upgrades; roof replacement; upgrades to life safety system; miscellaneous interior repairs and replacement of sanitary, water and stormwater piping throughout the building.	
19	Iserman/Felsmann Fine Arts	$ 161,842	Iserman/Felsmann was built in 1992. Repairs to the building include stucco repairs and painting; electrical upgrades; and miscellaneous interior repairs	
20	Lota Mundy Music Building	$ 224,429	Lota Mundy was built in 1992. Repairs to the building include stucco repairs and painting; upgrades to life safety systems; electrical upgrades; roof replacment; and miscellaneous interior repairs	
21	Sculpture Studio	$ 295,213	Sculpture Studio was built in 1992. Repairs to the building include stucco repairs and painting; windows and doors replacement; electrical upgrades; roof replacment; replacement of water and stormwater piping; and miscellaneous interior repairs	
	TOTAL:	**$ 17,042,783**		

UNIVERSITY OF CENTRAL FLORIDA

Contact Name: Duane Siemen

Contact Phone & Email: 407-823-3010 duane.siemen@ucf.edu

Deferred Maintenance on E&G Facilities
(over and above those cited on the 8/2/21 list pursuant to EOG Memo #21-034A)

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	B0021 EDUCATION COMPLEX and GYM - FIRE ALARM REPLACEMENT	$ 458,000	FIRE ALARM REPLACEMENT	LIFE SAFETY
2	B0001 MILLICAN HALL - REPLACE OLD FIRE DAMPERS	$ 250,000	REPLACE OLD FIRE DAMPERS SERVED FROM AHU-1 AND AHU-3 (DESIGN & ABATEMENT INCL)	LIFE SAFETY
3	B2001 FLORIDA SOLAR ENERGY CENTER OFFICE BLDG - FIRE ALARM SYSTEM REPLACEMENT/UPGRADE	$ 330,000	FIRE ALARM SYSTEM REPLACEMENT/UPGRADE (PANEL & DEVICES)	LIFE SAFETY
4	B2002 FLORIDA SOLAR ENERGY CENTER LAB BLDG - FIRE ALARM SYSTEM REPLACEMENT/UPGRADE	$ 115,000	FIRE ALARM SYSTEM REPLACEMENT/UPGRADE (PANEL & DEVICES)	LIFE SAFETY
5	B1001 BURNETT BIO-MEDICAL SCIENCES BUILDING - ROOF REPLACEMENT/COATING	$ 400,000	COATING ON MAIN ROOF AND REPLACEMENT OVER VIVARIUM	BUILDING ENVELOPE
6	B0051 VISUAL ARTS BUILDING - ELEVATOR MODERNIZATION AND UPGRADES	$ 575,000	ELEVATOR MODERNIZATION AND UPGRADES	VERT.
7	B0045 BUSINESS ADMINISTRATION I - ELEVATOR MODERNIZATION AND UPGRADES	$ 1,121,250	ELEVATOR MODERNIZATION AND UPGRADES (QTY 2), Elevators 2 & 3	VERT.
8	MAIN CAMPUS - STORMWATER REPAIRS	$ 1,934,443	STORMWATER REPAIRS	UTILITY/INFRASTRUCTURE
9	B2001 FLORIDA SOLAR ENERGY CENTER OFFICE BLDG - Building Envelope	$ 715,000	BUILDING ENVELOPE REPAIRS/REPLACEMENT	BUILDING ENVELOPE

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
10	B2002 FLORIDA SOLAR ENERGY CENTER LAB BLDG - Building Envelope	$ 205,000	BUILDING ENVELOPE REPAIRS/REPLACEMENT	BUILDING ENVELOPE
11	B2003 FLORIDA SOLAR ENERGY CENTER ENERGY PLANT - Building Envelope	$ 70,000	BUILDING ENVELOPE REPAIRS/REPLACEMENT	BUILDING ENVELOPE
12	B0021 EDUCATION COMPLEX and GYM - BUILDING ENVELOPE SEALANT / FAÇADE RESTORATION	$ 96,750	BUILDING ENVELOPE SEALANT / FAÇADE RESTORATION	BUILDING ENVELOPE
13	B0087 COLLEGE OF ARTS and HUMANITIES - ROOF REPLACEMENT AND FALL PROTECTION	$ 230,000	ROOF REPLACEMENT AND FALL PROTECTION	BUILDING ENVELOPE
14	B0095 BURNETT HONORS COLLEGE - BUILDING ENVELOPE	$ 136,000	BUILDING ENVELOPE SEALANT / FAÇADE RESTORATION	BUILDING ENVELOPE
15	B0095 BURNETT HONORS COLLEGE - ROOF COATING/RESTORATION	$ 194,755	ROOF COATING/RESTORATION	BUILDING ENVELOPE
16	B8126 FAIRWINDS ALUMNI CENTER - ROOF COATING/RESTORATION	$ 300,000	ROOF COATING/RESTORATION	BUILDING ENVELOPE
17	MAIN CAMPUS - ORANGE COUNTY POTABLE WATER BOOSTER STATION REPAIRS	$ 33,000	ORANGE COUNTY POTABLE WATER BOOSTER STATION REPAIRS	UTILITY/INFRASTRUCTURE
18	MAIN CAMPUS - POTABLE WATER WELL HOUSE INFRASTRUCTURE IMPROVEMENTS PHASE 1.	$ 45,000	POTABLE WATER WELL HOUSE INFRASTRUCTURE IMPROVEMENTS PHASE 1.	UTILITY/INFRASTRUCTURE
19	MAIN CAMPUS - MANHOLE 17 UPGRADES AND REPAIRS	$ 60,000	MANHOLE 17 UPGRADES AND REPAIRS	UTILITY/INFRASTRUCTURE
20	MAIN CAMPUS - NATURAL GAS DISTRIBUTED INTELLIGENCE	$ 750,000	NATURAL GAS DISTRIBUTED INTELLIGENCE (PRESSURE/TEMP) - LEGAL MANDATE	UTILITY/INFRASTRUCTURE
21	MAIN CAMPUS - REPLACE OVERSIZE DISTRIBUTION SERVICE	$ 950,000	REPLACE OVERSIZE DISTRIBUTION SERVICE (CORE) PHASE 1 - LEGAL MANDATE	UTILITY/INFRASTRUCTURE
22	B0906 COMMUNICATIONS AND MEDIA BUILDING - MAIN ELECTRICAL MDP REPLACEMENTS	$ 1,200,000	MAIN ELECTRICAL MDP REPLACEMENTS - QTY 4	ELECTRICAL

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
23	B0002 JOHN C. HITT LIBRARY - REPLACEMENT OF AHU'S, CRU-1 & CRU-2, AND EXHAUST FANS	$ 3,840,769	REPLACEMENT OF AHU'S, CRU-1 & CRU-2, AND EXHAUST FANS	HVAC
24	B0006 THEATRE - REPLACEMENT OF AHU #2 WITH HHW PUMPS, PERIPHERALS AND CONTROLS	$ 700,000	REPLACEMENT OF AHU #2 WITH HHW PUMPS, PERIPHERALS AND CONTROLS	HVAC
25	B0020 BIOLOGICAL SCIENCES BUILDING - EXHAUST FAN REPLACEMENT	$ 98,338	EXHAUST FAN REPLACEMENT - MIXED-FLOW, SHORT STACK (<=30 HP) - QTY 3	HVAC
26	B0040 ENGINEERING I - REFRIGERATION SYSTEM	$ 15,000	REFRIGERATION SYSTEM - WALK-IN REPLACEMENT, 3 EVAP FANS, 10000 BTUH, CONDENSER	HVAC
27	B0040 ENGINEERING I - AHU, VAV, AND CONTROLS REPLACEMENT/UPGRADE	$ 2,500,000	AHU, VAV, AND CONTROLS REPLACEMENT/UPGRADE - AHU QTY 6	HVAC
28	B0053 CREOL BUILDING - DA-AHU-1 REPLACEMENT/UPGRADE	$ 850,000	DA-AHU-1 REPLACEMENT/UPGRADE INCL CHW PIPE	HVAC
29	B0053 CREOL BUILDING - AHU REPLACEMENT/UPGRADE	$ 1,450,000	AHU REPLACEMENT/UPGRADE - QTY 6	HVAC
30	B0053 CREOL BUILDING - CONDENSER REPLACEMENT	$ 62,142	CONDENSER REPLACEMENT - REFRIGERANT, AIR-COOLED (>75 TON)	HVAC
31	B0054 COLLEGE OF SCIENCES BUILDING - AHU 1-2 REPLACEMENT	$ 150,000	AHU 1-2 REPLACEMENT	HVAC
32	B2002 FLORIDA SOLAR ENERGY CENTER LAB BLDG - AIR COMPRESSOR REPLACEMENTS	$ 80,000	AIR COMPRESSOR REPLACEMENTS (AC-1, AC-2, AC-4)	MECHANICAL
33	B0075 NICHOLSON SCHOOL OF COMMUNICATION AND MEDIA - AHU, CHW PUMP, AND EXHAUST REPLACEMENT	$ 1,382,842	AHU, CHW PUMP, AND EXHAUST REPLACEMENT - QTY 9 (AHU)	HVAC
34	B0080 HEALTH and PUBLIC AFFAIRS I - REFRIGERATION SYSTEM	$ 50,767	REFRIGERATION SYSTEM - WALK-IN REPLACEMENT, 4 EVAP FANS, 26500 BTUH, CONDENSER - QTY 2	HVAC

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
35	B0080 HEALTH and PUBLIC AFFAIRS I - ROOF CONDENSING UNIT REPLACEMENTS	$ 50,767	ROOF CONDENSING UNIT REPLACEMENTS - QTY 2	HVAC
36	B0080 HEALTH and PUBLIC AFFAIRS I - AHU AND CONTROLS REPLACEMENT/UPGRADE	$ 1,563,347	AHU AND CONTROLS REPLACEMENT/UPGRADE - QTY 8 (AHU)	HVAC
37	B0087 COLLEGE OF ARTS AND HUMANITIES - AHU, CONTROLS, AND EXHAUST FAN REPLACEMENT/UPGRADE	$ 522,500	AHU, CONTROLS, AND EXHAUST FAN REPLACEMENT/UPGRADE - QTY 3	HVAC
38	B0090 HEALTH and PUBLIC AFFAIRS II - REFRIGERATION SYSTEM REPLACEMENT	$ 15,000	REFRIGERATION SYSTEM REPLACEMENT - WALK-IN, 2 EVAP FANS, 6700 BTUH, CONDENSER	HVAC
39	B0090 HEALTH and PUBLIC AFFAIRS II - AHU AND CWP PUMP REPLACEMENT	$ 1,318,616	AHU AND CWP PUMP REPLACEMENT - QTY 6 (AHU)	HVAC
40	B0096 DUKE ENERGY UNIVERSITY WELCOME CENTER - ROOF PACKAGE DX UNIT	$ 217,384	ROOF PACKAGE DX UNIT REPLACEMENT, MULTI-ZONE (9-35 TON) - QTY 2	HVAC
41	B0903 ROSEN COLLEGE OF HOSPITALITY - REPLACEMENT AND UPGRADES TO HVAC CHILLED WATER PIPE	$ 1,500,000	REPLACEMENT AND UPGRADES TO HVAC CHILLED WATER PIPE NETWORK SYSTEM	HVAC
42	B0906 COMMUNICATIONS AND MEDIA BUILDING - CONDENSING UNIT REPLACEMENT	$ 82,680	CONDENSING UNIT REPLACEMENT (CU-1A, CU-1B, CU-2, CU-3) - QTY 4	HVAC
43	B2001 FSEC OFFICE BLDG - HVAC SYSTEM REPLACEMENTS/UPGRADES	$ 875,000	HVAC SYSTEM REPLACEMENTS/UPGRADES	HVAC
44	B2001 FLORIDA SOLAR ENERGY CENTER OFFICE BLDG - EXHAUST FAN REPLACEMENTS	$ 55,000	EXHAUST FAN REPLACEMENTS	HVAC
45	B2001 FLORIDA SOLAR ENERGY CENTER OFFICE BLDG - HVAC CONTROLS REPLACEMENTS/UPGRADES	$ 365,000	HVAC CONTROLS REPLACEMENTS/UPGRADES	HVAC CONTROLS

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
46	B2002 FLORIDA SOLAR ENERGY CENTER LAB BLDG - HVAC SYSTEM REPLACEMENTS/UPGRADES	$ 215,000	HVAC SYSTEM REPLACEMENTS/UPGRADES	HVAC
47	B2002 FLORIDA SOLAR ENERGY CENTER LAB BLDG - EXHAUST FAN REPLACEMENTS	$ 45,000	EXHAUST FAN REPLACEMENTS	HVAC
48	B2002 FLORIDA SOLAR ENERGY CENTER LAB BLDG - HVAC CONTROLS REPLACEMENTS/UPGRADES	$ 485,000	HVAC CONTROLS REPLACEMENTS/UPGRADES	HVAC CONTROLS
49	B2003 FLORIDA SOLAR ENERGY CENTER ENERGY PLANT - HVAC SYSTEM REPLACEMENTS/UPGRADES	$ 1,145,000	HVAC SYSTEM REPLACEMENTS/UPGRADES (INCL MOTOR CONTROL CENTER)	HVAC
50	B2003 FLORIDA SOLAR ENERGY CENTER ENERGY PLANT - HVAC DISTRIBUTION NETWORK	$ 515,000	HVAC DISTRIBUTION NETWORK - HW PIPING	HVAC
51	B2003 FLORIDA SOLAR ENERGY CENTER ENERGY PLANT - CHILLER REPLACEMENTS	$ 471,970	CHILLER REPLACEMENTS	HVAC
52	B0006 THEATRE - HOT WATER SYSTEM REPLACEMENT AND IMPROVEMENT UPGRADES	$ 1,380,000	HOT WATER SYSTEM REPLACEMENT AND IMPROVEMENT UPGRADES	PLUMBING
53	B2003 FLORIDA SOLAR ENERGY CENTER ENERGY PLANT - EXHAUST FAN REPLACEMENTS	$ 40,000	EXHAUST FAN REPLACEMENTS	HVAC
54	B0005 CHEMISTRY BUILDING - GAREA - REPLACE GAS FIRED WATER HEATER	$ 15,000	REPLACE GAS FIRED WATER HEATER	PLUMBING
55	8111 CENTER FOR PUBLIC SAFETY and SECURITY - AHU AND CHILLER REPLACEMENT	$ 1,591,176	AHU AND CHILLER REPLACEMENT - QTY 9 (AHU), QTY 2 (CHILLER)	HVAC
56	B0001 MILLICAN HALL - BUILDING ENVELOPE REPAIRS AND SEALANT	$ 75,000	BUILDING ENVELOPE REPAIRS AND SEALANT	BUILDING ENVELOPE

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
57	B0005 CHEMISTRY BUILDING - PANELBOARD REPLACEMENTS, 3 PH 208/120V	$ 30,098	PANELBOARD REPLACEMENTS, 3 PH 208/120V, (301-500 AMP) - QTY 2	ELECTRICAL
58	B8119 PARTNERSHIP 2 - REPLACEMENT OF CHILLED WATER PUMP	$ 274,140	REPLACEMENT OF CHILLED WATER PUMP, EXPANSION TANK, ISOLATING VALVES, POT FEEDER AND STRAINERS	HVAC
59	B0053 CREOL BUILDING - GENERATOR UPGRADE	$ 80,000	GENERATOR UPGRADE - CONVERT TO NATURAL GAS AND REPLACE ATS	ELECTRICAL
60	B8119 PARTNERSHIP 2 - PACKAGE DX HVAC UNIT REPLACEMENT	$ 57,162	PACKAGE DX HVAC UNIT REPLACEMENT, SINGLE-ZONE (9-35 TON)	HVAC
61	MAIN CAMPUS -DISTRICT ENERGY PLANT CONTROLS	$ 1,000,000	DISTRICT ENERGY PLANT CONTROLS	HVAC CONTROLS
62	B0098 CLASSROOM BUILDING II - EXTERIOR CONCRETE/MASONRY STOOP STEP RESTORATION	$ 254,047	EXTERIOR CONCRETE/MASONRY STOOP STEP RESTORATION - Safety issue	SITE
63	MAIN CAMPUS ROADWAY REPAIRS	$ 300,000	ROADWAY REPAIRS - LIBRA DRIVE	SITE
64	B0021 EDUCATION COMPLEX and GYM - SITE PEDESTRIAN PAVING RENEWAL	$ 22,708	SITE PEDESTRIAN PAVING RENEWAL - SAFETY ISSUE	SITE
65	MAIN CAMPUS ROADWAY REPAIRS	$ 275,000	ROADWAY REPAIRS - SCORPIUS ST	SITE
66	MAIN CAMPUS - CROSSWALK REPAIRS AND RESTRIPING ROADWAYS PHASE I	$ 500,000	CROSSWALK REPAIRS AND RESTRIPING ROADWAYS PHASE I - ZONE 4	SITE
67	MAIN CAMPUS - HVAC AND ELECTRICAL UPGRADES FOR SWITCH ROOMS	$ 650,000	HVAC AND ELECTRICAL UPGRADES FOR SWITCH ROOMS - Library, South Switch, North Switch, P2, Lake Claire	MECHANICAL
68	B8102 RESEARCH PAVILLION HVAC AND ELECTRICAL UPGRADES	$ 25,000	RESEARCH PAVILLION HVAC AND ELECTRICAL UPGRADES FOR IT/TELECOM RM	MECHANICAL
69	B0007 FERRELL COMMONS - HVAC AND ELECTRICAL UPGRADES	$ 40,000	HVAC AND ELECTRICAL UPGRADES TO IT/TELECOM RM	MECHANICAL

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
70	B0116 HARRIS CORPORATION ENGINEERING CENTER - FIXED SEATING REPLACEMENT	$ 287,500	FIXED SEATING REPLACEMENT - RM 125	INTERIOR FINISHES/SYS
71	MAIN CAMPUS - CHILLED WATER TRANSITE PIPE REPLACEMENT	$ 27,000,000	CHILLED WATER TRANSITE PIPE REPLACEMENT, INCL ABATEMENT AND REMOVAL OF EXISTING PIPE	UTILITY/INFRASTRUCTURE
	TOTAL:	**$ 64,688,151**		

UNIVERSITY OF FLORIDA

Contact Name: Curtis A Reynolds, Vice-President Business Affairs

Contact Phone & Email: curtrey@ufl.edu

Deferred Maintenance on E&G Facilities
(over and above those cited on the 8/2/21 list pursuant to EOG Memo #21-034A)

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	CHEMICAL ENGINEERING REPLACE AHU-16, 18, 19, 20	$ 2,797,900	REPLACE AHU-16, 18, 19, 20	1 - Critical Need
2	BLACK HALL REPLACE AHU #7,8,10,12 AND 14 (PHASE 2)	$ 1,678,700	REPLACE AHU #7,8,10,12 AND 14 (PHASE 2)	1 - Critical Need
3	SMATHERS LIBRARY COMPLETE HVAC REPLACEMENT-ENGINEERING COMPLETED	$ 727,500	COMPLETE HVAC REPLACEMENT-ENGINEERING COMPLETED	1 - Critical Need
4	PHILLIPS CENTER REPLACE AHU-1 & 2a and 2B, UPPER AHUs and RETURN FANS	$ 1,063,200	REPLACE AHU-1 & 2a and 2B, UPPER AHUs and RETURN FANS	1 - Critical Need
5	McCARTY C REPLACE AHU	$ 671,500	REPLACE AHU	1 - Critical Need
6	TURLINGTON HALL PHASE 5 - REPLACE BASEMENT AHUs, HHW PIPING, VAV BOXES, AND CONTROLS	$ 1,510,900	PHASE 5 - REPLACE BASEMENT AHUs, HHW PIPING, VAV BOXES, AND CONTROLS	1 - Critical Need
7	WEIL HALL REPLACE LEIBERT UNIT ROOM 514	$ 67,200	REPLACE LEIBERT UNIT ROOM 514	1 - Critical Need
8	WILLIAMSON HALL REPLACE AHU-3 IN ROOM 173B AND DUCTWORK (UNIT IS 56 YEARS OLD)	$ 391,700	REPLACE AHU-3 IN ROOM 173B AND DUCTWORK (UNIT IS 56 YEARS OLD)	1 - Critical Need
9	MECH & AEROSPACE ENG. REPLACE AHU-5,6,7	$ 1,343,000	REPLACE AHU-5,6,7	1 - Critical Need
10	CARLETON AUDITORIUM REPLACE MAIN EXHAUST FANS	$ 167,900	REPLACE MAIN EXHAUST FANS	1 - Critical Need
11	SISLER HALL REPLACE AHU-2 ON THE 2ND FLOOR	$ 419,700	REPLACE AHU-2 ON THE 2ND FLOOR	1 - Critical Need
12	LEIGH HALL REPLACE AHU'S 1, 2, & 12	$ 419,700	REPLACE AHU'S 1, 2, & 12	1 - Critical Need
13	VET-MED CLINICAL SCIENCE AHU/CONTROLS REPLACEMENT	$ 1,566,800	AHU/CONTROLS REPLACEMENT	1 - Critical Need
14	DENTAL SCIENCES AHU REPLACEMENT-PHASE 1 (UNITS 1-7)	$ 895,300	AHU REPLACEMENT-PHASE 1 (UNITS 1-7)	1 - Critical Need
15	STETSON MEDICAL SCIENCES AHU REPLACEMENT- 4 UNITS AND FCU's	$ 2,014,500	AHU REPLACEMENT- 4 UNITS AND FCU's	1 - Critical Need
16	CANCER GENETICS HHW REPAIR/REPLACEMENT- PHASE 1	$ 22,400	HHW REPAIR/REPLACEMENT- PHASE 1	1 - Critical Need
17	COMMUNICORE HHW/CHW PIPING REPLACEMENT	$ 671,500	HHW/CHW PIPING REPLACEMENT	1 - Critical Need
18	BASIC SCIENCE EXHAUST FAN REPLACEMENT/ENTERING END OF USEFUL LIFE	$ 112,000	EXHAUST FAN REPLACEMENT/ENTERING END OF USEFUL LIFE	1 - Critical Need
19	CANCER GENETICS CHILLER #1 REBUILD/INCLDING NEW CONTACTOR	$ 128,700	CHILLER #1 REBUILD/INCLDING NEW CONTACTOR	1 - Critical Need
20	BASIC SCIENCE CHW PIPINF REPLACEMENT	$ 223,900	CHW PIPINF REPLACEMENT	1 - Critical Need
21	BIOTECHNOLOGY REPLACE AHU 1 AND 2	$ 279,800	REPLACE AHU 1 AND 2	1 - Critical Need
22	O'CONNELL CENTER REPLACE ROOF AND RECOAT FLUMES (PHASE 1)	$ 3,357,400	REPLACE ROOF AND RECOAT FLUMES (PHASE 1)	1 - Critical Need
23	UNIVERSITY AUDITORIUM REPOINTING & MASONRY REPAIR (PHASE 2)	$ 559,600	REPOINTING & MASONRY REPAIR (PHASE 2)	1 - Critical Need
24	ANDERSON HALL RESTORE HISTORIC ROOF, UNDERLAYMENT IS GONE-MAJOR LEAKS	$ 2,797,900	RESTORE HISTORIC ROOF, UNDERLAYMENT IS GONE-MAJOR LEAKS	1 - Critical Need

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
25	SW REC CENTER REPLACE SECTIONS 4 THRU 9 (51,114 SF)	$ 1,343,000	REPLACE SECTIONS 4 THRU 9 (51,114 SF)	1 - Critical Need
26	ANDERSON HALL BELOW GRADE WATER INTRUSION	$ 279,800	BELOW GRADE WATER INTRUSION	1 - Critical Need
27	WEIMER HALL WATER INTRUSION WINDOW REPLACEMENT	$ 492,500	WATER INTRUSION WINDOW REPLACEMENT	1 - Critical Need
28	DAUER HALL BELOW GRADE WATER INTRUSION, STOOP REPLACEMENT	$ 615,600	BELOW GRADE WATER INTRUSION, STOOP REPLACEMENT	1 - Critical Need
29	TIGERT HALL BELOW GRADE WATER INTRUSION	$ 279,800	BELOW GRADE WATER INTRUSION	1 - Critical Need
30	CANCER GENETICS ROOF REPAIR-VARIOUS SECTIONS & EQUIPMENT CURBS	$ 167,900	ROOF REPAIR-VARIOUS SECTIONS & EQUIPMENT CURBS	1 - Critical Need
31	COMMUNICORE ASBESTOS ABATEMENT- PIPE CHASE/CEILING PHASE 1	$ 391,700	ASBESTOS ABATEMENT- PIPE CHASE/CEILING PHASE 1	1 - Critical Need
32	MAIL AND DOC CENTER ROOF REPAIR/REPLACEMENT	$ 391,700	ROOF REPAIR/REPLACEMENT	1 - Critical Need
33	COMMUNICORE REPOINTING/MASONRY REPAIR	$ 839,400	REPOINTING/MASONRY REPAIR	1 - Critical Need
34	BASIC SCIENCE RESEAL GASKETS-EXTERIOR WINDOWS	$ 559,600	RESEAL GASKETS-EXTERIOR WINDOWS	1 - Critical Need
35	ARCHITECTURE REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 335,800	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
36	WASTE MANAGEMENT FACILITY REPLACE EMERGENCY GENERATOR 20KW DIESEL	$ 67,200	REPLACE EMERGENCY GENERATOR 20KW DIESEL	1 - Critical Need
37	FACILITIES SERVICES MAINTENANCE REPLACE EMERGENCY GENERATOR	$ 268,600	REPLACE EMERGENCY GENERATOR	1 - Critical Need
38	CARR HALL REPLACE EMERGENCY GENERATOR	$ 223,900	REPLACE EMERGENCY GENERATOR	1 - Critical Need
39	UNIVERSITY AUDITORIUM REPLACE EMERGENCY GENERATOR	$ 56,000	REPLACE EMERGENCY GENERATOR	1 - Critical Need
40	MATHERLY HALL REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
41	ELECTRONIC COMMUNICATIONS LAB REPLACE FIRE ALARM PANEL	$ 223,900	REPLACE FIRE ALARM PANEL	1 - Critical Need
42	FINE ARTS D REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
43	FINE ARTS B REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
44	DENTAL SCIENCES BUILDING REPLACEMENT OF FIRE ALARM PANEL	$ 279,800	REPLACEMENT OF FIRE ALARM PANEL	1 - Critical Need
45	STETSON MEDICAL SCIENCES REPLACEMENT OF FIRE ALARM PANEL/DEVICES	$ 900,900	REPLACEMENT OF FIRE ALARM PANEL/DEVICES	1 - Critical Need
46	MCKNIGHT BRAIN INSTITUTE REPLACEMENT OF FIRE ALARM SYSTEM/DEVICES	$ 671,500	REPLACEMENT OF FIRE ALARM SYSTEM/DEVICES	1 - Critical Need
47	MULTIPLE PANEL UPGRADES 94, 6, 2, 9, STARTERS FOR 13 OTHER LOCATIONS	$ 123,200	PANEL UPGRADES 94, 6, 2, 9, STARTERS FOR 13 OTHER LOCATIONS	1 - Critical Need
48	FINE ARTS C CONTROLLER UPGRADE FOR ELEVATOR 599-1	$ 391,700	CONTROLLER UPGRADE FOR ELEVATOR 599-1	1 - Critical Need
49	MCCARTY DRIVE REMOVE ASPHAULT AND INSTALL CONCRETE ROADWAY	$ 1,119,200	REMOVE ASPHAULT AND INSTALL CONCRETE ROADWAY	1 - Critical Need
50	NEWELL DRIVE RESURFACE ROADWAY	$ 895,300	RESURFACE ROADWAY	1 - Critical Need
51	LITTLE HALL ELEVATOR MODERNIZATION - TRACTION - LOW RISE 2-8 FLOORS	$ 783,400	ELEVATOR MODERNIZATION - TRACTION - LOW RISE 2-8 FLOORS	1 - Critical Need
52	SCHIEBLER SMC ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	$ 391,700	ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	1 - Critical Need
53	CAMPUS-WIDE SIDEWALKS CAMPUS-WIDE	$ 84,000	SIDEWALKS CAMPUS-WIDE	1 - Critical Need
54	CAMPUS-WIDE ADA ACCESS	$ 112,000	ADA ACCESS	1 - Critical Need

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
55	ROLFS HALL REPLACE OLD & DETERIORATING WATER LINES	$ 447,700	REPLACE OLD & DETERIORATING WATER LINES	1 - Critical Need
56	BRYANT HALL REPLACE DOMESTIC WATER PIPING	$ 112,000	REPLACE DOMESTIC WATER PIPING	1 - Critical Need
57	PSYCHOLOGY REPLACEMENT OF SANITARY LINES AND POTABLE WATER	$ 559,600	REPLACEMENT OF SANITARY LINES AND POTABLE WATER	1 - Critical Need
58	WHITNEY LAB PLUMBING REPAIRS	$ 223,900	PLUMBING REPAIRS	1 - Critical Need
59	DENTAL SCIENCES BUILDING SEWER LINE FROM SHANDS TO DENTAL REPAIR- PHASE 1	$ 475,700	SEWER LINE FROM SHANDS TO DENTAL REPAIR- PHASE 1	1 - Critical Need
60	STETSON MEDICAL SCIENCES DOMESTIC PIPING REPLACEMENT- PHASE 1	$ 503,700	DOMESTIC PIPING REPLACEMENT- PHASE 1	1 - Critical Need
61	PEABODY HALL INSTALL FIRE SPRINKLER SYSTEM	$ 279,800	INSTALL FIRE SPRINKLER SYSTEM	1 - Critical Need
62	FLORIDA GYM POOL REPLACE- PHASE 1	$ 3,357,400	POOL REPLACE- PHASE 1	1 - Critical Need
63	VETERINARY ACADEMIC BUILDING EXHAUST FAN REPLACEMENT/AIR CHANGE ANALYSIS-PHASE 1	$ 167,900	EXHAUST FAN REPLACEMENT/AIR CHANGE ANALYSIS-PHASE 1	1 - Critical Need
64	FINE ARTS B REPLACE AHU-8 & 9 (UNITS ARE 33 YEARS OLD)	$ 559,600	REPLACE AHU-8 & 9 (UNITS ARE 33 YEARS OLD)	1 - Critical Need
65	MCCARTY B REPLACE 5 HVAC	$ 1,958,500	REPLACE 5 HVAC	1 - Critical Need
66	WILLIAMSON HALL REPLACE STROBIC FANS	$ 251,900	REPLACE STROBIC FANS	1 - Critical Need
67	WEIMER HALL REPLACE EXHAUST FANS	$ 56,000	REPLACE EXHAUST FANS	1 - Critical Need
68	HARN MUSEUM REPLACE HVAC 4,5,6,7	$ 1,119,200	REPLACE HVAC 4,5,6,7	1 - Critical Need
69	NORMAL HALL REPLACE HVAC #3 AND #4	$ 391,700	REPLACE HVAC #3 AND #4	1 - Critical Need
70	PROGRESS PARK REPLACE 2 BOILERS PHASE 2	$ 167,900	REPLACE 2 BOILERS PHASE 2	1 - Critical Need
71	MATHERLY HALL REPLACE AHU 3,4,5	$ 1,678,700	REPLACE AHU 3,4,5	1 - Critical Need
72	FINE ARTS D AHU REPLACEMENT (AHU-1) AND HVAC CONTROLS	$ 1,399,000	AHU REPLACEMENT (AHU-1) AND HVAC CONTROLS	1 - Critical Need
73	WALKER HALL REPLACE AHU 1,2 AND 3	$ 1,678,700	REPLACE AHU 1,2 AND 3	1 - Critical Need
74	PSYCHOLOGY AHU REPLACEMENT	$ 1,678,700	AHU REPLACEMENT	1 - Critical Need
75	ACADEMIC RESEARCH BUILDING EXHAUST FAN REPLACEMENT- END OF USEFUL LIFE	$ 335,800	EXHAUST FAN REPLACEMENT- END OF USEFUL LIFE	1 - Critical Need
76	DENTAL SCIENCES AHU REPLACEMENT-PHASE 2 (8-17 UNITS)	$ 1,343,000	AHU REPLACEMENT-PHASE 2 (8-17 UNITS)	1 - Critical Need
77	CANCER GENETICS HHW REPAIR/REPLACEMENT- PHASE 2	$ 22,400	HHW REPAIR/REPLACEMENT- PHASE 2	1 - Critical Need
78	VM METABOLIC EXHAUST FAN REPLACEMENT	$ 279,800	EXHAUST FAN REPLACEMENT	1 - Critical Need
79	CANCER GENETICS COOLING TOWER REPLACEMENT	$ 447,700	COOLING TOWER REPLACEMENT	1 - Critical Need
80	ORTHOPAEDICS & SPORTS MED CHILLER #2 REBUILD/INCLUDING A NEW CONTACTOR	$ 134,300	CHILLER #2 REBUILD/INCLUDING A NEW CONTACTOR	1 - Critical Need
81	GENERAL SERVICE HHW/CHW PIPING REPLACEMENT	$ 112,000	HHW/CHW PIPING REPLACEMENT	1 - Critical Need
82	EMERGING PATHOGENS INSTITUTE BSI DAMPER REPLACEMENT AND ROOF EXHAUST FAN REPLACEMENT	$ 67,200	BSI DAMPER REPLACEMENT AND ROOF EXHAUST FAN REPLACEMENT	1 - Critical Need
83	CANCER GENETICS EXHAUST FAN REPLACEMENT/AIR CHANGE ANALYSIS/TAB	$ 1,454,900	EXHAUST FAN REPLACEMENT/AIR CHANGE ANALYSIS/TAB	1 - Critical Need

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84	RESEARCH ENG. & EDUCTION FACILITY (REEF) REEF REPLACE CHILLER	$ 223,900	REEF REPLACE CHILLER	1 - Critical Need
85	WEIMER HALL REPLACE AHU 14 UNITS (1J-14J UNITS)	$ 1,018,500	REPLACE AHU 14 UNITS (1J-14J UNITS)	1 - Critical Need
86	GRINTER HALL HVAC CONTROLS SYSTEM AND DISTRIBUTION NETWORKS	$ 2,238,300	HVAC CONTROLS SYSTEM AND DISTRIBUTION NETWORKS	1 - Critical Need
87	REED LAB REPLACE AHU-1 AND AHU-2	$ 895,300	REPLACE AHU-1 AND AHU-2	1 - Critical Need
88	FLORIDA GYM WORK ON HVAC CONTROLS SYSTEM	$ 1,231,100	WORK ON HVAC CONTROLS SYSTEM	1 - Critical Need
89	PEABODY HALL ROOF EXHAUST FAN REPLACEMENT	$ 22,400	ROOF EXHAUST FAN REPLACEMENT	1 - Critical Need
90	BRYAN HALL WORK ON HVAC CONTROLS SYSTEM	$ 335,800	WORK ON HVAC CONTROLS SYSTEM	1 - Critical Need
91	STUZIN HALL REPLACE AHU 1,2, 4, 5, 6, 7, 8 AND 9 AND WORK ON CONTROLS SYSTEM	$ 1,175,100	REPLACE AHU 1,2, 4, 5, 6, 7, 8 AND 9 AND WORK ON CONTROLS SYSTEM	1 - Critical Need
92	BARTRAM HALL RECONDITION OR REPLACE AHU-1 (UNIT IS 45 YEARS OLD)	$ 1,790,600	RECONDITION OR REPLACE AHU-1 (UNIT IS 45 YEARS OLD)	1 - Critical Need
93	WEIL HALL REPLACE HVAC #14 AND #3 SPLIT	$ 28,000	REPLACE HVAC #14 AND #3 SPLIT	1 - Critical Need
94	MCARTY B BELOW GRADE WATER INTRUSION	$ 279,800	BELOW GRADE WATER INTRUSION	1 - Critical Need
95	UNIVERSITY AUDITORIUM REPOINTING & MASONRY REPAIR (PHASE 3)	$ 1,119,200	REPOINTING & MASONRY REPAIR (PHASE 3)	1 - Critical Need
96	NORMAL HALL TILE ROOF SECTIONS REPLACE ROOF	$ 3,917,000	TILE ROOF SECTIONS REPLACE ROOF	1 - Critical Need
97	O'CONNELL CENTER REPLACE ROOF AND RECOAT FLUMES (PHASE 2)	$ 3,357,400	REPLACE ROOF AND RECOAT FLUMES (PHASE 2)	1 - Critical Need
98	FOOD SCIENCE RECOVER ROOF SECTION 1 (INST. 1985)	$ 375,000	RECOVER ROOF SECTION 1 (INST. 1985)	1 - Critical Need
99	CANCER GENETICS RESEAL GASKET EXTERIOR WINDOWS- PHASE 1	$ 167,900	RESEAL GASKET EXTERIOR WINDOWS- PHASE 1	1 - Critical Need
100	COMMUNICORE ASBESTOS ABATEMENT- PIPE CHASE/CEILING PHASE 2	$ 391,700	ASBESTOS ABATEMENT- PIPE CHASE/CEILING PHASE 2	1 - Critical Need
101	MCKNIGHT BRAIN INSTITUTE WALL FINISHES	$ 777,800	WALL FINISHES	1 - Critical Need
102	NORMAL HALL BRICK SPALLING, TUCK POINT AND SEAL, LANDINGS LEAKING	$ 1,119,200	BRICK SPALLING, TUCK POINT AND SEAL, LANDINGS LEAKING	1 - Critical Need
103	PHILLIPS CENTER AWNING REPLACEMENT	$ 1,399,000	AWNING REPLACEMENT	1 - Critical Need
104	SMATHERS LIBRARY COMPLETE MASONARY, WINDOW WATER REPAIR AND PREVENTION	$ 1,678,700	COMPLETE MASONARY, WINDOW WATER REPAIR AND PREVENTION	1 - Critical Need
105	FINE ARTS C REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
106	COMMUNICORE ELECTRICAL DISTRBUTION THROUGHOUT	$ 4,271,300	ELECTRICAL DISTRBUTION THROUGHOUT	1 - Critical Need
107	COMMUNICORE REPLACE FIRE ALARM DEVICES	$ 839,400	REPLACE FIRE ALARM DEVICES	1 - Critical Need
108	LEIGH HALL REPLACE GENERATOR	$ 151,100	REPLACE GENERATOR	1 - Critical Need
109	MARSTON SCIENCE LIBRARY REPLACE GENERATOR	$ 184,700	REPLACE GENERATOR	1 - Critical Need
110	WALKER HALL REPLACE GENERATOR	$ 123,200	REPLACE GENERATOR	1 - Critical Need
111	BASIC SCIENCE MCC 1 AND 2 ROOM B3-48	$ 895,300	MCC 1 AND 2 ROOM B3-48	1 - Critical Need
112	CLINICAL SCIENCES MCC ROOM VH-60,VH-83,VH-151, VC-60A	$ 839,400	MCC ROOM VH-60,VH-83,VH-151, VC-60A	1 - Critical Need
113	GENERAL SERVICES REPLACEMENT OF FIRE ALARM PANELS	$ 279,800	REPLACEMENT OF FIRE ALARM PANELS	1 - Critical Need

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
114	HUMAN TOXICLOGY FIRE ALARM INSTALL=PORTION OF BUILDING HAS NO FA DEVICES	$ 223,900	FIRE ALARM INSTALL=PORTION OF BUILDING HAS NO FA DEVICES	1 - Critical Need
115	BARTRAM HALL REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 279,800	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
116	CARLTON AUDITORIUM REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
117	NORMAN HALL REPLACE FIRE ALARM PANEL NORMAN ADDITION	$ 223,900	REPLACE FIRE ALARM PANEL NORMAN ADDITION	1 - Critical Need
118	COMMUNICORE MCC BASEMENT	$ 223,900	MCC BASEMENT	1 - Critical Need
119	DENTAL SCIENCES MCC 2- ROOM B001	$ 587,600	MCC 2- ROOM B001	1 - Critical Need
120	COMMUNICORE TRANSFORMER T3/T4 REPLACEMENT	$ 179,100	TRANSFORMER T3/T4 REPLACEMENT	1 - Critical Need
121	DENTAL SCIENCES TRANSFORMER T1/T2/T5/T6- ROOM B001	$ 391,700	TRANSFORMER T1/T2/T5/T6- ROOM B001	1 - Critical Need
122	ACADEMIC RESEARCH BLDG NEW FA PANEL/DEVICES- END OF USEFUL LIFE/PARTS OBSOLETE	$ 1,119,200	NEW FA PANEL/DEVICES- END OF USEFUL LIFE/PARTS OBSOLETE	1 - Critical Need
123	CHEMISTRY LAB BUILDING NEW INSTALLATION OF GENERATOR	$ 559,600	NEW INSTALLATION OF GENERATOR	1 - Critical Need
124	SISLER HALL NEW INSTALLATION OF GENERATOR	$ 559,600	NEW INSTALLATION OF GENERATOR	1 - Critical Need
125	FOOD ANIMAL CLINIC HMCC-H ROOM VF-12	$ 56,000	HMCC-H ROOM VF-12	1 - Critical Need
126	STETSON MEDICAL SCIENCES TRANSFORMER WORK, PWR CTR 1 AND 2- M WING EAST SIDE AND MIDDLE	$ 123,700	TRANSFORMER WORK, PWR CTR 1 AND 2- M WING EAST SIDE AND MIDDLE	1 - Critical Need
127	PHYSICS REPLACE GENERATOR	$ 251,900	REPLACE GENERATOR	1 - Critical Need
128	RHINES HALL REPLACE GENERATOR	$ 184,700	REPLACE GENERATOR	1 - Critical Need
129	GRINTER HALL CONTROLLER UPGRADE FOR ELEVATOR 002-1	$ 391,700	CONTROLLER UPGRADE FOR ELEVATOR 002-1	1 - Critical Need
130	DAUER HALL FULL MODIFICATION OF ELEVATOR 111-1	$ 391,700	FULL MODIFICATION OF ELEVATOR 111-1	1 - Critical Need
131	MATERIALS ENGINEERING FULL MODIFICATION OF ELEVATOR 719-1	$ 391,700	FULL MODIFICATION OF ELEVATOR 719-1	1 - Critical Need
132	BLEDSOE DRIVE RESURFACE ROADWAY	$ 279,800	RESURFACE ROADWAY	1 - Critical Need
133	MECHANICAL ENGINEERING FULL MODIFICATION OF ELEVATOR 720-1	$ 391,700	FULL MODIFICATION OF ELEVATOR 720-1	1 - Critical Need
134	WILLIAMSON HALL FULL ELEVATOR MODERNIZATION 100-1	$ 391,700	FULL ELEVATOR MODERNIZATION 100-1	1 - Critical Need
135	COMPUTER SCIENCE FULL MODIFICATION OF ELEVATOR 42-1	$ 391,700	FULL MODIFICATION OF ELEVATOR 42-1	1 - Critical Need
136	CAMPUS-WIDE SIDEWALKS CAMPUS-WIDE	$ 84,000	SIDEWALKS CAMPUS-WIDE	1 - Critical Need
137	CAMPUS-WIDE ADA ACCESS	$ 112,000	ADA ACCESS	1 - Critical Need
138	CONSTANT THEATRE ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	$ 447,700	ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	1 - Critical Need
139	WEAVER FINE ARTS A ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	$ 447,700	ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	1 - Critical Need
140	TREEO CENTER REPLACE DOMESTIC WATER PIPING	$ 279,800	REPLACE DOMESTIC WATER PIPING	1 - Critical Need
141	MECHANICAL & AEROSPACE A REPLACE DOMESTIC WATER PIPING	$ 447,700	REPLACE DOMESTIC WATER PIPING	1 - Critical Need
142	MAE B REPLACE DOMESTIC WATER PIPING	$ 347,000	REPLACE DOMESTIC WATER PIPING	1 - Critical Need

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
143	FLORIDA GYM POOL REPLACE- PHASE 2	$ 2,238,300	POOL REPLACE- PHASE 2	1 - Critical Need
144	STETSON MEDICAL SCIENCES DOMESTIC PIPING REPLACEMENT- PHASE 2	$ 503,700	DOMESTIC PIPING REPLACEMENT- PHASE 2	1 - Critical Need
145	BASIC SCIENCE LAB SANITARY PIPING REPLACEMENT- GLASS TO PVC	$ 369,400	LAB SANITARY PIPING REPLACEMENT- GLASS TO PVC	1 - Critical Need
146	COMMUNICORE SANITARY CAST IRON REPLACEMENT	$ 447,700	SANITARY CAST IRON REPLACEMENT	1 - Critical Need
147	MUSIC BUILDING MUSIC BUILDING REPLACE DOMESTIC WATER PIPING	$ 335,800	MUSIC BUILDING REPLACE DOMESTIC WATER PIPING	1 - Critical Need
148	FINE ARTC C FINE ARTS C - REPLACE DOMESTIC WATER PIPING	$ 391,700	FINE ARTS C - REPLACE DOMESTIC WATER PIPING	1 - Critical Need
149	VAN FLEET HALL REPLACE DOMESTIC WATER PIPING	$ 223,900	REPLACE DOMESTIC WATER PIPING	1 - Critical Need
150	TIGERT HALL FIRE SPRINKLER SYSTEM INSTALL	$ 167,900	FIRE SPRINKLER SYSTEM INSTALL	1 - Critical Need
151	FINE ARTS D REPLACE DOMESTIC WATER PIPING	$ 223,900	REPLACE DOMESTIC WATER PIPING	1 - Critical Need
152	DENTAL SCIENCES BUILDING SEWER LINE FROM SHANDS TO DENTAL REPAIR- PHASE 2	$ 475,700	SEWER LINE FROM SHANDS TO DENTAL REPAIR- PHASE 2	1 - Critical Need
153	WHITNEY LAB REPLACE COPPER WITH PVC	$ 167,900	REPLACE COPPER WITH PVC	1 - Critical Need
154	GRINTER HALL Replace 6 AHUs (AHU 3, 4, 5, 6, 7 and 8)	$ 671,500	Replace 6 AHUs (AHU 3, 4, 5, 6, 7 and 8)	1 - Critical Need
155	CANCER GENETICS HHW REPAIR/REPLACEMENT- PHASE 3	$ 95,200	HHW REPAIR/REPLACEMENT- PHASE 3	1 - Critical Need
156	LEIGH HALL ROOF EXHAUST FAN	$ 167,900	ROOF EXHAUST FAN	1 - Critical Need
157	TIGERT HALL REPLACE AHU 5,6 AND 7 AND WORK ON CONTROLS	$ 783,400	REPLACE AHU 5,6 AND 7 AND WORK ON CONTROLS	1 - Critical Need
158	COMPUTER SCIENCES REPLACE 11 AHU UNITS	$ 1,454,900	REPLACE 11 AHU UNITS	1 - Critical Need
159	ENGINEERING BUILDING HVAC CONTROLS SYSTEM WET	$ 2,797,900	HVAC CONTROLS SYSTEM WET	1 - Critical Need
160	MARSTON SCIENCE LIBRARY REPLACE 8 AHU UNITS (1-8)	$ 1,085,600	REPLACE 8 AHU UNITS (1-8)	1 - Critical Need
161	HUMAN DEVELOPMENT CENTER HVAC DISTRIBUTION NETWORKS	$ 1,678,700	HVAC DISTRIBUTION NETWORKS	1 - Critical Need
162	DISCKINSON HALL REPLACE AHU UNITS (3, 5, 12-23)	$ 1,678,700	REPLACE AHU UNITS (3, 5, 12-23)	1 - Critical Need
163	GENERAL SERVICES BUILDING REPLACE AHU-13, 23, 16 AND 28	$ 1,119,200	REPLACE AHU-13, 23, 16 AND 28	1 - Critical Need
164	CARR HALL REPLACE 7 AHUs (1-7)	$ 1,063,200	REPLACE 7 AHUs (1-7)	1 - Critical Need
165	LEIGH HALL HVC CONTROLS SYSTEM	$ 2,014,500	HVC CONTROLS SYSTEM	1 - Critical Need
166	ACADEMIC RESEARCH BUILDING AHU 1,2,5 AND 6 REPLACEMENT	$ 1,462,600	AHU 1,2,5 AND 6 REPLACEMENT	1 - Critical Need
167	DENTAL SCIENCES HVAC DUCT REPLACEMENT/LINED PHASE 1	$ 2,797,900	HVAC DUCT REPLACEMENT/LINED PHASE 1	1 - Critical Need
168	EMERGING PATHOGENS AHU 5 AND 22 REPLACEMENT	$ 558,800	AHU 5 AND 22 REPLACEMENT	1 - Critical Need
169	DENTAL SCIENCE REPLACE CWP AND INOPERABLE VALVES ON TWO FLOORS BETWEEN FLOORS 4 AND 10 ($300K PER FLOOR). REMAINING FLOORS	$ 1,063,200	REPLACE CWP AND INOPERABLE VALVES ON TWO FLOORS BETWEEN FLOORS 4 AND 10 ($300K PER FLOOR). REMAINING FLOORS	1 - Critical Need
170	ACADEMIC RESEARCH BUILDING FAN COIL UNIT FLOORS 1-5	$ 650,300	FAN COIL UNIT FLOORS 1-5	1 - Critical Need
171	TURLINGTON HALL BELOW GRADE WATER INTRUSION BELOW THE PLAZA	$ 1,678,700	BELOW GRADE WATER INTRUSION BELOW THE PLAZA	1 - Critical Need
172	FLORIDA GYM BELOW GRADE WATER INTRUSION	$ 167,900	BELOW GRADE WATER INTRUSION	1 - Critical Need

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173	UNIVERSITY AUDITORIUM REPOINTING & MASONRY REPAIR (PHASE 4)	$ 1,119,200	REPOINTING & MASONRY REPAIR (PHASE 4)	1 - Critical Need
174	WEIMER HALL THROUGH WALL FLASHING ON THE PIANO ROOF	$ 56,000	THROUGH WALL FLASHING ON THE PIANO ROOF	1 - Critical Need
175	HUB REPLACE ROOF SECTIONS 1, 5, 6, & 9 (15,913 SF)	$ 279,800	REPLACE ROOF SECTIONS 1, 5, 6, & 9 (15,913 SF)	1 - Critical Need
176	O'CONNELL CENTER REPLACE ROOF AND RECOAT FLUMES (PHASE 3)	$ 3,357,400	REPLACE ROOF AND RECOAT FLUMES (PHASE 3)	1 - Critical Need
177	INFIRMARY REPLACE WINDOW, TUCK POINT AND SEAL EXTERIOR	$ 3,917,000	REPLACE WINDOW, TUCK POINT AND SEAL EXTERIOR	1 - Critical Need
178	CERC WALL FINISHES AND FLOORING	$ 1,007,300	WALL FINISHES AND FLOORING	1 - Critical Need
179	CLINICAL SCIENCES ROOF REPLACEMENT	$ 2,238,300	ROOF REPLACEMENT	1 - Critical Need
180	MCKNIGHT BRAIN INSTITUTE RESEAL GASKETS FOR EXTERIOR WINDOWS ALL PHASES	$ 268,600	RESEAL GASKETS FOR EXTERIOR WINDOWS ALL PHASES	1 - Critical Need
181	FLORIDA GYM REPLACE GENERATOR	$ 279,800	REPLACE GENERATOR	1 - Critical Need
182	UNIVERSITY AUDITORIUM REPLACE FIRE ALARM PANEL	$ 112,000	REPLACE FIRE ALARM PANEL	1 - Critical Need
183	ENGINEERING REPLACE FIRE ALARM PANEL	$ 223,900	REPLACE FIRE ALARM PANEL	1 - Critical Need
184	BRYAN HALL REPLACE FIRE ALARM PANEL	$ 223,900	REPLACE FIRE ALARM PANEL	1 - Critical Need
185	ANDERSON HALL REPLACE FIRE ALARM PANEL	$ 223,900	REPLACE FIRE ALARM PANEL	1 - Critical Need
186	MCKNIGHT BRAIN INSTITUTE FIRE ALARM SYSTEM/DEVICES	$ 674,700	FIRE ALARM SYSTEM/DEVICES	1 - Critical Need
187	WEIMER HALL REPLACE GENERATOR	$ 335,800	REPLACE GENERATOR	1 - Critical Need
188	SMALL ANIMAL HOSPITAL EXTERIOR LIGHTING	$ 106,600	EXTERIOR LIGHTING	1 - Critical Need
189	COMMUNICORE MCC REPLACEMENT	$ 213,900	MCC REPLACEMENT	1 - Critical Need
190	DENTAL SCIENCES INTERIOR LIGHTING UPGRADE - CLINICAL	$ 1,013,100	INTERIOR LIGHTING UPGRADE - CLINICAL	1 - Critical Need
191	SID MARTIN BIOTECHNOLOGY REPLACE GASOLINE GENERATOR	$ 503,700	REPLACE GASOLINE GENERATOR	1 - Critical Need
192	COMMUNICORE EXTERIOR LOCKING HARDWARE	$ 167,500	EXTERIOR LOCKING HARDWARE	1 - Critical Need
193	BASIC SCIENCE LAB INTERIOR LIGHTING UPGRADE/REPLACEMENT	$ 570,200	LAB INTERIOR LIGHTING UPGRADE/REPLACEMENT	1 - Critical Need
194	NEUROBIOLOGICAL SURGE #6 ELECTRICAL DISTRIBUTION/FA DEVICES	$ 123,200	ELECTRICAL DISTRIBUTION/FA DEVICES	1 - Critical Need
195	CANCER GENETICS INTERIOR LAB LIGHTING UPGRADE/REPLACEMENT	$ 3,054,100	INTERIOR LAB LIGHTING UPGRADE/REPLACEMENT	1 - Critical Need
196	DENTAL SCIENCES ELEVATOR MODIFICATION - 21-23	$ 1,003,900	ELEVATOR MODIFICATION - 21-23	1 - Critical Need
197	VET-MED ACADEMIC BUILDING FA SYSTEM/DEVICES	$ 503,700	FA SYSTEM/DEVICES	1 - Critical Need
198	WILLIAMSON HALL REPLACE FIRE ALARM PANEL	$ 223,900	REPLACE FIRE ALARM PANEL	1 - Critical Need
199	NORMAL HALL ADDITION REPLACE FIRE ALARM PANEL (DIALER, BATTERY AND CHARGER)	$ 335,800	REPLACE FIRE ALARM PANEL (DIALER, BATTERY AND CHARGER)	1 - Critical Need
200	CLASSROOM BUILDING REPLACE FIRE ALARM PANEL	$ 223,900	REPLACE FIRE ALARM PANEL	1 - Critical Need
201	SID MARTIN BIOTECHNOLOGY INTERIOR LIGHTING UPGRADE/REPLACEMENT	$ 223,900	INTERIOR LIGHTING UPGRADE/REPLACEMENT	1 - Critical Need
202	BRYANT SPACE SCIENCE CENTER ELECTRICAL DISTRIBUTION NETWORK- WET	$ 2,797,900	ELECTRICAL DISTRIBUTION NETWORK- WET	1 - Critical Need

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203	LIBRARY WEST FIRE ALARM DEVICES REPLACEMENT	$ 1,678,700	FIRE ALARM DEVICES REPLACEMENT	1 - Critical Need
204	PHILIP CONSTANS THEATRE FIRE ALARM DEVICES REPLACEMENT	$ 559,600	FIRE ALARM DEVICES REPLACEMENT	1 - Critical Need
205	MECH. & AERO DESIGN CENTER FIRE ALARM DEVICES REPLACEMENT	$ 335,800	FIRE ALARM DEVICES REPLACEMENT	1 - Critical Need
206	BAUGHMAN MEDITATION CENTER FIRE ALARM DEVICES REPLACEMENT	$ 112,000	FIRE ALARM DEVICES REPLACEMENT	1 - Critical Need
207	FOOD SCIENCE REPAIR/REPLACE ELECTRICAL DISTRIBUTION NETWORK- WET	$ 2,797,900	REPAIR/REPLACE ELECTRICAL DISTRIBUTION NETWORK- WET	1 - Critical Need
208	MATHERLY HAL FULL MODIFICATION OF ELEVATOR 406-1	$ 391,700	FULL MODIFICATION OF ELEVATOR 406-1	1 - Critical Need
209	BRYAN HALL FULL MODIFICATION OF ELEVATOR 006-1	$ 391,700	FULL MODIFICATION OF ELEVATOR 006-1	1 - Critical Need
210	COMMUNICORE ELEVATOR MODIFICATION - 17	$ 307,800	ELEVATOR MODIFICATION - 17	1 - Critical Need
211	EMORE DRIVE ELMORE DRIVE RESURFACE ROADWAY	$ 167,900	ELMORE DRIVE RESURFACE ROADWAY	1 - Critical Need
212	STADIUM DRIVE STADIUM DRIVE WEST RESURFACE ROADWAY	$ 335,800	STADIUM DRIVE WEST RESURFACE ROADWAY	1 - Critical Need
213	BUCKMAN DRIVE BUCKMAN DRIVE RESURFACE ROADWAY	$ 139,900	BUCKMAN DRIVE RESURFACE ROADWAY	1 - Critical Need
214	ANDERSON HALL FULL MODIFICATION OF ELEVATOR 007-1	$ 391,700	FULL MODIFICATION OF ELEVATOR 007-1	1 - Critical Need
215	STETSON MEDICAL FULL MODIFICATION OF ELEVATOR 445-14	$ 391,700	FULL MODIFICATION OF ELEVATOR 445-14	1 - Critical Need
216	VET-MED REPLACEMENT OF VARIOUS WALK-OFF FLOORING	$ 279,800	REPLACEMENT OF VARIOUS WALK-OFF FLOORING	1 - Critical Need
217	CHEMICAL ENGINEERING FULL ELEVATOR MODERNIZATION 723-1	$ 391,700	FULL ELEVATOR MODERNIZATION 723-1	1 - Critical Need
218	BRUTON GEER FULL ELEVATOR MODERNIZATION 759-1	$ 391,700	FULL ELEVATOR MODERNIZATION 759-1	1 - Critical Need
219	CENTER DRIVE CENTER DRIVE RESURFACE ROADWAY	$ 559,600	CENTER DRIVE RESURFACE ROADWAY	1 - Critical Need
220	CAMPUS-WIDE SIDEWALKS CAMPUS-WIDE	$ 84,000	SIDEWALKS CAMPUS-WIDE	1 - Critical Need
221	CAMPUS-WIDE ADA ACCESS	$ 112,000	ADA ACCESS	1 - Critical Need
222	O'CONNELL CENTER REPLACE POOL AND MECHANICAL EQUIPMENT- PHASE 1	$ 3,357,400	REPLACE POOL AND MECHANICAL EQUIPMENT- PHASE 1	1 - Critical Need
223	COMMUNICORE DOMESTIC H/C PIPING REPLACEMENT	$ 559,600	DOMESTIC H/C PIPING REPLACEMENT	1 - Critical Need
224	BASIC SCIENCE DOMESTIC H/C PIPING REPLACEMENT	$ 223,900	DOMESTIC H/C PIPING REPLACEMENT	1 - Critical Need
225	VM FOOD ANIMAL CLINIC DOMESTIC H/C PIPING REPLACEMENT	$ 39,200	DOMESTIC H/C PIPING REPLACEMENT	1 - Critical Need
226	CRISER HALL FIRE SPRINKLER SYSTEM INSTALL	$ 167,900	FIRE SPRINKLER SYSTEM INSTALL	1 - Critical Need
227	VM ACADEMIC BUILDING REPLACEMENT OF HW HX AND VACCUUM PUMP	$ 112,000	REPLACEMENT OF HW HX AND VACCUUM PUMP	1 - Critical Need
228	DICKINSON HALL REPLACE AHU UNITS 1, 2 AND 6 (12-17 HP)	$ 447,700	REPLACE AHU UNITS 1, 2 AND 6 (12-17 HP)	1 - Critical Need
229	BRUTON-GEER HALL REPLACE AHU UNITS 1-9	$ 2,238,300	REPLACE AHU UNITS 1-9	1 - Critical Need
230	ZIEGLER HALL REPLACE AHU 1, 2, 4, AND 5	$ 895,300	REPLACE AHU 1, 2, 4, AND 5	1 - Critical Need
231	CCE FACULTY/STAFF HVAC CONTROLS SYSTEM	$ 2,126,400	HVAC CONTROLS SYSTEM	1 - Critical Need
232	MCCARTY A REPLACE 3 AHU UNITS	$ 1,007,300	REPLACE 3 AHU UNITS	1 - Critical Need

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233	FISH TOXICOLOGY RESEARCH LAB HVAC DISTRIBUTION REPLACEMENT	$ 123,200	LAB HVAC DISTRIBUTION REPLACEMENT	1 - Critical Need
234	VET-MED METABOLIC BUILDING HVAC CONTROLS	$ 219,100	HVAC CONTROLS	1 - Critical Need
235	SCHIEBLER CMS 150 TON AIR-COOLED CHILLER	$ 218,300	150 TON AIR-COOLED CHILLER	1 - Critical Need
236	HUMAN TOXICOLOGY FUME HOOD REPLACEMENT	$ 145,800	FUME HOOD REPLACEMENT	1 - Critical Need
237	HEALTH CENTER SURGE #4 HVAC SYSTEM REPLACEMENT	$ 345,200	HVAC SYSTEM REPLACEMENT	1 - Critical Need
238	YON HALL HVAC CONTROLS	$ 1,343,000	HVAC CONTROLS	1 - Critical Need
239	NEUROBIOLOGICAL SURGE #6 HVAC SYSTEM REPLACEMENT	$ 118,100	HVAC SYSTEM REPLACEMENT	1 - Critical Need
240	EQUINE TEACHING HOSPITAL HVAC COONTROLS REPLACEMENT/UPGRADE	$ 538,200	HVAC COONTROLS REPLACEMENT/UPGRADE	1 - Critical Need
241	ACADEMIC RESEARCH BUILDING FUME HOOD REPLACEMENT	$ 852,400	FUME HOOD REPLACEMENT	1 - Critical Need
242	DENTAL SCIENCES FUME HOOD REPLACEMENT	$ 133,700	FUME HOOD REPLACEMENT	1 - Critical Need
243	RACING LAB FUME HOOD REPLACEMENT	$ 237,900	FUME HOOD REPLACEMENT	1 - Critical Need
244	VET-MED CLINICAL SCIENCES CONTROL PNEUMATIC AIR COMPRESSORS	$ 167,900	CONTROL PNEUMATIC AIR COMPRESSORS	1 - Critical Need
245	DENTAL HVAC DUCT REPLACEMENT/LINED PHASE 2	$ 2,797,900	HVAC DUCT REPLACEMENT/LINED PHASE 2	1 - Critical Need
246	BIOTECHNOLOGY #1 HVAC CONTROLS	$ 1,343,000	HVAC CONTROLS	1 - Critical Need
247	NORMAN HALL BELOW GRADE WATER INTRUSION	$ 391,700	BELOW GRADE WATER INTRUSION	1 - Critical Need
248	CHEMICAL ENGINEERING ENGINEERING STRUCTURE FAILURE	$ 2,238,300	ENGINEERING STRUCTURE FAILURE	1 - Critical Need
249	BRYAN HALL REPOINTING & MASONRY REPAIR ENTIRE BUILDING	$ 2,462,100	REPOINTING & MASONRY REPAIR ENTIRE BUILDING	1 - Critical Need
250	TURLINGTON HALL MASONRY REPAIR	$ 559,600	MASONRY REPAIR	1 - Critical Need
251	SMATHERS LIBRARY REPLACE TILE ROOF	$ 1,902,600	REPLACE TILE ROOF	1 - Critical Need
252	WUFT TRANSMITTER BUILDING WUFT - REPLACE WITH SINGLE-PLY ROOF	$ 112,000	WUFT - REPLACE WITH SINGLE-PLY ROOF	1 - Critical Need
253	FS CENTRAL STORES REPLACE ROOF SECTIONS 1 THRU 4 (26,598 SF)	$ 447,700	REPLACE ROOF SECTIONS 1 THRU 4 (26,598 SF)	1 - Critical Need
254	ENGINEERING BUILDING REPLACE ROOF SECTIONS 1, 2, 3, & 7 (INST. 1997)	$ 615,600	REPLACE ROOF SECTIONS 1, 2, 3, & 7 (INST. 1997)	1 - Critical Need
255	WASTE MANAGEMENT FACILITY REPLACE ROOF.	$ 1,153,900	REPLACE ROOF.	1 - Critical Need
256	PEABODY HALL REPLACE BOTH THE TILE AND BUILT-UP ROOFS.	$ 2,020,100	REPLACE BOTH THE TILE AND BUILT-UP ROOFS.	1 - Critical Need
257	CLINICAL SCIENCES RESEAL GASKETS FOR EXTERIOR WINDOWS	$ 28,000	RESEAL GASKETS FOR EXTERIOR WINDOWS	1 - Critical Need
258	VM ACADEMIC BUILDING RESEAL GASKETS FOR EXTERIOR WINDOWS ALL PHASES	$ 123,200	RESEAL GASKETS FOR EXTERIOR WINDOWS ALL PHASES	1 - Critical Need
259	VM METABOLIC ROOF REPLACEMENT	$ 1,119,200	ROOF REPLACEMENT	1 - Critical Need
260	SMALL ANIMAL HOSPITAL EXTERIOR WALL REPAIR TO AVOID WATER INTRUSION ALL PHASES	$ 559,600	EXTERIOR WALL REPAIR TO AVOID WATER INTRUSION ALL PHASES	1 - Critical Need
261	VM METABOLIC EXTERIOR DOOR REPLACEMENT	$ 22,400	EXTERIOR DOOR REPLACEMENT	1 - Critical Need
262	ACADEMIC RESEARCH BUILDING ROOF REPLACEMENT	$ 2,014,500	ROOF REPLACEMENT	1 - Critical Need

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263	ORTHOPAEDICS & SPORTS MEDICINE REPAIR/REPLACEMENT OF ROOD STEP FASHING	$ 279,800	REPAIR/REPLACEMENT OF ROOD STEP FASHING	1 - Critical Need
264	CANCER GENETICS RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	$ 335,800	RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	1 - Critical Need
265	EMERGING PATHOGENS INSTITUTE VARIOUS ROOF SECTIONS/EQUIP CURBS	$ 84,000	VARIOUS ROOF SECTIONS/EQUIP CURBS	1 - Critical Need
266	HPNP RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	$ 167,900	RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	1 - Critical Need
267	HARRELL RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	$ 123,200	RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	1 - Critical Need
268	SMALL ANIMAL HOSPITAL RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	$ 447,700	RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	1 - Critical Need
269	HUMAN TOXICOLOGY ROOF REPLACEMENT	$ 391,700	ROOF REPLACEMENT	1 - Critical Need
270	ACADEMIC RESEARCH BUILDING RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	$ 503,700	RESEAL GASKETS- EXTERIOR WINDOWS ALL PHASES	1 - Critical Need
271	PHILLIPS CENTER PHILLIPS CENTER CLEAN, REPAIR AND PAINT EXTERIOR	$ 223,900	PHILLIPS CENTER CLEAN, REPAIR AND PAINT EXTERIOR	1 - Critical Need
272	DISCKINSON HALL REPLACE PAVER ROOF DECKS	$ 1,091,200	REPLACE PAVER ROOF DECKS	1 - Critical Need
273	O'CONNELL CENTER REPLACE ROOF AND RECOAT FLUMES (PHASE 4)	$ 1,119,200	REPLACE ROOF AND RECOAT FLUMES (PHASE 4)	1 - Critical Need
274	DENTAL SCIENCES EMERGENCY MAIN SWITCH BOARD	$ 581,500	EMERGENCY MAIN SWITCH BOARD	1 - Critical Need
275	BASIC SCIENCE ELEVATOR MODIFICATION - 1 CAR 26	$ 277,100	ELEVATOR MODIFICATION - 1 CAR 26	1 - Critical Need
276	DENTAL SCIENCES MCC-1	$ 374,200	MCC-1	1 - Critical Need
277	EQUINE TEACHING HOSPITAL FA SYSTEM/DEVICES	$ 231,500	FA SYSTEM/DEVICES	1 - Critical Need
278	DENTAL SCIENCES TIE-BREAKER FOR MSB	$ 183,500	TIE-BREAKER FOR MSB	1 - Critical Need
279	COMMUNICORE INTERIOR LIGHTING SYSTEMS REPLACEMENT/UPGRADE	$ 2,209,200	INTERIOR LIGHTING SYSTEMS REPLACEMENT/UPGRADE	1 - Critical Need
280	BASIC SCIENCE MCC 1 AND 2 REPLACEMENT	$ 876,000	MCC 1 AND 2 REPLACEMENT	1 - Critical Need
281	WEIL HALL REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
282	HOLLAN LAW REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
283	FINE ARTS A REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
284	BLACK HALL REPLACE FIRE ALARM PANEL	$ 223,900	REPLACE FIRE ALARM PANEL	1 - Critical Need
285	CSE REPLACE GENERATOR	$ 335,800	REPLACE GENERATOR	1 - Critical Need
286	DAUER HALL REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
287	GRIFFIN FLOYD REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
288	STUZIN HALL STUZIN REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	STUZIN REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
289	GRINTER HALL GRINTER REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	GRINTER REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
290	WALKER HALL WALKER REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	WALKER REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
291	ARCHITECTURE REPLACE GENERATOR	$ 167,900	REPLACE GENERATOR	1 - Critical Need
292	NUCLEAR SCIENCE REPLACE GENERATOR	$ 184,700	REPLACE GENERATOR	1 - Critical Need

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293	MATERIALS ENGINEERING REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
294	CHEMICAL ENGINEERING REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	$ 223,900	REPLACE ELECTRICAL PANELS AND MAIN SWITCH GEAR	1 - Critical Need
295	UNIVERSITY FOUNDATION ANNEX INTERIOR LIGHTING UPGRADE	$ 783,400	INTERIOR LIGHTING UPGRADE	1 - Critical Need
296	BAUGHMAN SUPPORT BUILDING FIRE ALARM DEVICES REPLACEMENT	$ 223,900	FIRE ALARM DEVICES REPLACEMENT	1 - Critical Need
297	ARCHITECTURE INTERIOR LIGHTING UPGRADE	$ 2,014,500	INTERIOR LIGHTING UPGRADE	1 - Critical Need
298	DENTAL SCIENCES FIRE PUMP GENERATOR	$ 280,000	FIRE PUMP GENERATOR	1 - Critical Need
299	STADIUM DRIVE STADIUM DRIVE EAST RESURFACE ROADWAY	$ 223,900	STADIUM DRIVE EAST RESURFACE ROADWAY	1 - Critical Need
300	MUSEUM DRIVE MUSEUM DRIVE HULL TO REITZ UNION RESURFACE ROADWAY	$ 1,343,000	MUSEUM DRIVE HULL TO REITZ UNION RESURFACE ROADWAY	1 - Critical Need
301	O'CONNELL CENTER FULL ELEVATOR MODERNIZATION 94-1	$ 391,700	FULL ELEVATOR MODERNIZATION 94-1	1 - Critical Need
302	CAMPUS-WIDE SIDEWALKS CAMPUS-WIDE	$ 84,000	SIDEWALKS CAMPUS-WIDE	1 - Critical Need
303	CAMPUS-WIDE ADA ACCESS	$ 112,000	ADA ACCESS	1 - Critical Need
304	ORTHOPEDICS RESURFACE OF UNLOADING AREA - TRIP HAZARD	$ 123,200	RESURFACE OF UNLOADING AREA - TRIP HAZARD	1 - Critical Need
305	MCCARTY B FULL ELEVATOR MODERNIZATION 496-1	$ 391,700	FULL ELEVATOR MODERNIZATION 496-1	1 - Critical Need
306	STETSON MEDICAL SCIENCES ELEVATOR MODIFICATION - 25	$ 304,800	ELEVATOR MODIFICATION - 25	1 - Critical Need
307	ACADEMIC RESEARCH SCIENCES RESTRIPING OF ROADWAY SAFETY CROSSWALK	$ 123,200	RESTRIPING OF ROADWAY SAFETY CROSSWALK	1 - Critical Need
308	CHEMICAL ENGINEERING FULL ELEVATOR MODERNIZATION 723-1	$ 391,700	FULL ELEVATOR MODERNIZATION 723-1	1 - Critical Need
309	COMMUNICORE WHEELCHAIR LIFT, VERTICAL, AVERAGE (3 FLOORS MAX)	$ 167,900	WHEELCHAIR LIFT, VERTICAL, AVERAGE (3 FLOORS MAX)	1 - Critical Need
310	TURLINGTON HALL ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	$ 391,700	ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	1 - Critical Need
311	WEIMER HALL ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS (2 ELEVATORS 030-1 AND 030-2)	$ 783,400	ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS (2 ELEVATORS 030-1 AND 030-2)	1 - Critical Need
312	YON HALL ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	$ 391,700	ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	1 - Critical Need
313	CRISER HALL ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	$ 391,700	ELEVATOR MODERNIZATION - HYDRAULIC 2-5 FLOORS	1 - Critical Need
314	DAUER HALL REPLACE WINDOW WELL DRAINS	$ 615,600	REPLACE WINDOW WELL DRAINS	1 - Critical Need
315	MATHERLY HALL REPLACE DOMESTIC WATER PIPING	$ 279,800	REPLACE DOMESTIC WATER PIPING	1 - Critical Need
316	O'CONNELL CENTER REPLACE POOL AND MECHANICAL EQUIPMENT- PHASE 2	$ 3,357,400	REPLACE POOL AND MECHANICAL EQUIPMENT- PHASE 2	1 - Critical Need
317	ARCHITECTURE REPLACE DOMESTIC WATER PIPING	$ 391,700	REPLACE DOMESTIC WATER PIPING	1 - Critical Need
318	MCKNIGHT BRAIN INSTITUTE SANITARY CAST IRON REPLACEMENT/REPAIR	$ 279,800	SANITARY CAST IRON REPLACEMENT/REPAIR	1 - Critical Need
319	HPNP HHW HX REPLACEMENT- END OF USEFUL LIFE	$ 167,900	HHW HX REPLACEMENT- END OF USEFUL LIFE	1 - Critical Need
320	CANCER GENETICS VACUUM PUMP REPLACE/REBUILD	$ 56,000	VACUUM PUMP REPLACE/REBUILD	1 - Critical Need
321	STETSON MEDICAL SCIENCES DOMESTIC PIPING REPLACEMENT- PHASE 3	$ 503,700	DOMESTIC PIPING REPLACEMENT- PHASE 3	1 - Critical Need
322	DENTAL SCIENCES OVAL VAC PUMP REPLACEMENT- 2 PUMPS	$ 559,600	OVAL VAC PUMP REPLACEMENT- 2 PUMPS	1 - Critical Need

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323	NUCLEAR SCIENCE NUCLEAR SCIENCE REPLACE DOMESTIC WATER PIPING	$ 503,700	NUCLEAR SCIENCE REPLACE DOMESTIC WATER PIPING	1 - Critical Need
324	STETSON MEDICAL SCIENCES LAB SANITARY PIPING REPLACEMENT- GLASS TO PVC 6 FLOORS ALL PHASES	$ 1,191,500	LAB SANITARY PIPING REPLACEMENT- GLASS TO PVC 6 FLOORS ALL PHASES	1 - Critical Need
325	COMMUNICORE REPLACEMENT OF FIRE SPRINKLER PUMP	$ 56,000	REPLACEMENT OF FIRE SPRINKLER PUMP	1 - Critical Need
326	ANIMAL SCIENCE MEATS LAB FREEZERS/COOLERS	$ 2,500,000	LAB FREEZERS/COOLERS SUPPORTS THE TEACHING AND RESEARCH ACTIVITIES OF MEAT SCIENCE.	1 - Critical Need
327	ANIMAL SCIENCE MEATS LAB FREEZERS/COOLERS	$ 2,500,000	LAB FREEZERS/COOLERS SUPPORTS THE TEACHING AND RESEARCH ACTIVITIES OF MEAT SCIENCE.	1 - Critical Need
328	MICROBIOLOGY ROOF & ROOF TOP EQUIPMENT REPLACEMENT	$ 2,500,000	MICROBIOLOGY ROOF & ROOF TOP EQUIPMENT REPLACEMENT	1 - Critical Need
329	HASTINGS AGRICULTURAL EXTENSION CENTER	$ 1,200,000	REPLACE WORN OUT FARM OPERATIONS BUILDING AND INFRASTRUCTURE	1 - Critical Need
330	MILLHOPPER- HVAC AND FACILITY UPGRADES OF WORN-OUT BUILDINGS	$ 1,300,000	UPGRADE BUILDINGS WITH RESEARCH LABORATORIES AND OFFICE SPACE	1 - Critical Need
331	BEEF RESEARCH UNIT- SITE INFRASTRUCTURE, (WELLS, WATER PIPING, DRAINAGE, PENS)	$ 750,000	BEEF RESEARCH UNIT- SITE INFRASTRUCTURE, (WELLS, WATER PIPING, DRAINAGE, PENS)	1 - Critical Need
332	ANIMAL SCIENCE HVAC UPGRADES & BUILDING AUTOMATION	$ 8,000,000	HVAC DUCTWORK DISTRIBUTION, BUILDING AUTOMATION & ROOF TOP EQUIPMENT: (AHU'S HAVE BEEN REPLACED)	1 - Critical Need
333	WEST FLORIDA RESEARCH & EDUCATION CENTER- JAY, FLORIDA	$ 1,500,000	Replacement of the farm maintenance building for efficiency and safety. Site infrastructure upgrades for santitary, potable water and upgrade of the roads. (Buildings 8403, 8410)	1 - Critical Need
334	NORTH FLORIDA RESEARCH & EDUCATION CENTER- MARIANNA, FLORIDA	$ 500,000	SITE ROADS, SEWER, WATER AND ROADS INFRASTRUCTURE	1 - Critical Need
335	HASTINGS AGRICULTURAL EXTENSION CENTER	$ 5,500,000	Replacement of the downtown administration building/labs and conference area. Replacement of the farm operations and research site which is separate fro the main center location. Farm infrastructure upgrades for roads, sanitary and water.(buildings 8706, 8704, 8707, 8701) Buildings are completely worn out and renovation not possible)	1 - Critical Need
336	MID-FLORIDA RESEARCH & EDUCATION CENETER- APOPKA FLORIDA	$ 4,500,000	Main administration/lab building/teaching facility roof replacement, HVAC and BAS system overhaul. Chiller & boiler replacement -aging out. buildings (4022, 4023)	1 - Critical Need
337	TROPICAL FISH AQUACULTURE- RUSKIN, FLORIDA	$ 2,500,000	Renovation and upgrades of HVAC systems and tropical fish greenhouses, site infrastructure. (Buildings 9401, 9402, 9403,9405,9406, 9409 9410)	1 - Critical Need
338	RANGE CATTLE RESEARCH & EDUCATION CENTER- ONA, FLORIDA	$ 2,000,000	Renovation of farm operations, fertilizer storage, cattle handling and site infrastructure. (Buildings 8105, 8119, 8129, 8156, 8126)	1 - Critical Need
339	FORT LAUDERDALE RESEARCH & EDUCATION CENTER-, FORT LAUDERDALE, FLORIDA	$ 4,000,000	Renovation of research labs. Replace chiller. (Buildings 5001)	1 - Critical Need
340	FLORIDA MEDICAL ENTOMOLOGY LAB- VERO BEACH, FLORIDA	$ 5,000,000	Renovation of reseach labs, roof replacement, reseach anaimal facility upgrades, HVAC and life safety issues. Refurbish the conferencing faclities for quality use. (Buildings 4240, 4247,4246, 4051, 4045)	1 - Critical Need
341	HORSE TEACHING UNIT- GAINESVILLE, FLORIDA	$ 1,500,000	Site infrastructure- drainage improvements.	1 - Critical Need
342	ANIMAL SCIENCE- MAIN CAMPUS	$ 2,000,000	Renovate labs in conjuction with HVAC project. (Building 459/499)	1 - Critical Need
343	4H- CAMP TIMPOOCHEE- NICEVILLE, FLORIDA	$ 25,000,000	Master plan and replace old worn out 4H Camp Timpoochee. Requires new modern thinking of facilities for today's 4H. Includes new sleeping cabins, dinining, conferencing, specialized programming, auditorium, safe water front water activities, utilitiy/infrastructure to support new facilities. Including required fire protection for youth camping.	1 - Critical Need
344	WALLACE SOIL TEST LAB- MAIN CAMPUS	$ 400,000	Testing lab fume hoods need replacement as well as roof top equipment. (Building 631)	1 - Critical Need
345	PLANT PATHOLOGY GREENHOUSE COMPLEX- MAIN CAMPUS	$ 150,000	Site infrastructure-replace water distribution due to corroding pipe.	1 - Critical Need
346	SWINE UNIT- MAIN CAMPUS	$ 50,000	Site infrastructure. Replace septic & drainfield or possible connection to GRU sanitary system.	1 - Critical Need
347	NORTH FLORIDA RESEARCH & EDUCATION CENETER- QUINCY, FLORIDA	$ 6,500,000	Renovation of several buildings, HVAC systems, maintenance shop, reseach lab, labs & storage areas. Site infrastructure with sanitary, fire protection an upgraded roads. Chiller replacement- aging out. (Buildings 7969,7903, 7910, 7967, 7908)	1 - Critical Need

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348	CITRIS RESEARCH & EDUCATION CENTER- LAKE ALFRED, FLORIDA	$ 6,000,000	This is IFAS's largest facility and also over 100 years old. Renovation of several major buildings, HVAC, fire alarm, fire protection, elevators, greenhouse refurbishment, BAS system replacement, chiller replacement. (Buildings 7124)	1 - Critical Need
349	SOUTHWEST RESEARCH & EDUCATION CENTER- IMMOKALEE, FLORIDA	$ 5,000,000	Replacement of worn out modular research building, and site infrastructure roads. Chiller replacement. Sanitary and water distribution. (Buildings 7748)	1 - Critical Need
350	TROPICAL RESEARCH & EDUCATION CENTER- HOMESTEAD, FLORIDA	$ 2,500,000	Site infrastructure sanitary, water and roads. Chiller replacement. (Buildings 8253, 8254, 8256, 8257)	1 - Critical Need
351	EVERGLADES RESEARCH & EDUCATION CENTER- BELLE GLADE, FLORIDA	$ 6,000,000	Site infrastructure roads, fire protection, water and sanitary. Replacement of chillers and boilers.	1 - Critical Need
352	SANTA FE RIVER RANCH- ALAUCHA, FLORIDA	$ 300,000	Repair of washed out roadway box culvert yand re-surfacing after repair.	1 - Critical Need
353	DAIRY RESEARCH UNIT- HAUGE, FLORIDA	$ 12,000,000	Site infrastructure for manaure holding pond, roadways, drainage improvements, milking parlor upgrades and replacement of classromm and hospital barn. (Buildings 186, 690, 1293, 443, 1334)	1 - Critical Need
354	HORSE RESEARCH UNIT- LOWELL, FLORIDA	$ 2,500,000	Replace site fencing, refurbish mare barn, re-roof maintenance shop, replace worn out hay barn/reproduction barn and renovate lab. (Buildings 7204, 7203, 7207, 7208, 7205)	1 - Critical Need
355	MILLHOPPER- AQUATIC WEEDS/FISHERIES- GAINESVILLE, FLORIDA	$ 6,000,000	Replacement of main office/lab facility, research support buildings, storage and site infrastructure. (Buildings 544, 542)	1 - Critical Need
356	FIFIELD HALL- MAIN CAMPUS	$ 1,800,000	Replace life safety emegency generator and reowrk circuits for critical reseach equipment.Other critcal derferred in plumbing/electrical issues. (Building 716)	1 - Critical Need
357	4H - CAMP CHEERY LAKE- MADISON, FLORIDA	$ 20,000,000	Master plan and replace old worn out 4H Camp Cherry Lake. Requires new modern thinking of facilities for today's 4H. Includes new sleeping cabins, dinining, conferencing, specialized programming, auditorium, safe lake front water activities, utilitiy/infrastructure to support new facilities. Including required fire protection for youth camping.	1 - Critical Need
358	WEED SCIENCE- MAIN CAMPUS	$ 250,000	Building has several code and life safety issues and needs renovation. ADA complaiance, lab safety/chemical storage and means of egress issues. (Building 258)	1 - Critical Need
359	0445 Stetson Medical Sciences ROOF/BUILDING ENVELOPE	$ 19,361,209	0445 Stetson Medical Sciences ROOF/BUILDING ENVELOPE	1 - Critical Need
360	1376 Cancer/Genetics Research HVAC	$ 16,895,033	1376 Cancer/Genetics Research HVAC	1 - Critical Need
361	0206 Basic Science ROOF/BUILDING ENVELOPE	$ 8,747,027	0206 Basic Science ROOF/BUILDING ENVELOPE	1 - Critical Need
362	0212 Health Prof, Nursing, Pharmacy HVAC	$ 8,045,091	0212 Health Prof, Nursing, Pharmacy HVAC	1 - Critical Need
363	0634 Nuclear Sciences Building HVAC	$ 5,366,362	0634 Nuclear Sciences Building HVAC	1 - Critical Need
364	0203 Communicore ROOF/BUILDING ENVELOPE	$ 5,021,431	0203 Communicore ROOF/BUILDING ENVELOPE	1 - Critical Need
365	0688 Sisler Hall HVAC	$ 4,729,760	0688 Sisler Hall HVAC	1 - Critical Need
366	0038 Bryant Space Science Center HVAC	$ 4,724,927	0038 Bryant Space Science Center HVAC	1 - Critical Need
367	0030 Weimer Hall ROOF/BUILDING ENVELOPE	$ 4,717,944	0030 Weimer Hall ROOF/BUILDING ENVELOPE	1 - Critical Need
368	0101 Norman Hall ROOF/BUILDING ENVELOPE	$ 4,615,974	0101 Norman Hall ROOF/BUILDING ENVELOPE	1 - Critical Need
369	0747 Bartram Hall HVAC	$ 4,594,382	0747 Bartram Hall HVAC	1 - Critical Need
370	0723 Chemical Engineering HVAC	$ 4,444,647	0723 Chemical Engineering HVAC	1 - Critical Need
371	0757 Holland Law Center HVAC	$ 3,932,502	0757 Holland Law Center HVAC	1 - Critical Need
372	0748 Carr Hall HVAC	$ 3,852,971	0748 Carr Hall HVAC	1 - Critical Need
373	0100 Williamson Hall HVAC	$ 3,782,282	0100 Williamson Hall HVAC	1 - Critical Need

Priority #	Project Title	Esimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
374	0655 Little Hall ROOF/BUILDING ENVELOPE	$ 3,294,943	0655 Little Hall ROOF/BUILDING ENVELOPE	1 - Critical Need
375	0724 Black Hall HVAC	$ 3,209,390	0724 Black Hall HVAC	1 - Critical Need
	TOTAL:	**$ 479,785,875**		

UNIVERSITY OF NORTH FLORIDA

Contact Name: John Hale

Contact Phone & Email: 904.620.1713 john.hale@unf.edu

Deferred Maintenance on E&G Facilities
(over and above those cited on the 8/2/21 list pursuant to EOG Memo #21-034A)

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	Bldg. 6, Switchgear Replacement	$ 350,000	Electrical service at capacity, unable to to support additional loads in shop.	
2	Bldg. 5, Central Plant Main Breaker Replacement	$ 125,000	Main breaker for switch gear over 30 years old and has encountered recent faults	
3	Bldg. 4, CHW/HW Piping Support Replacement	$ 125,000	Pipe roller supports rusting.	
4	Bldg. 39, Switchgear Replacement	$ 150,000	Existing switchgear at end of service life.	
5	Bldg. 42, Switchgear Replacement	$ 150,000	Existing switchgear at end of service life.	
6	Bldg. 34, Boiler Replacement	$ 325,000	Install two 4 million BTU condensing boilers in Arena Plant Building to supply HHW to north end of campus.	
7	Campus Phase IV BAS Upgrade	$ 300,000	Convert BAS in Buildings 2, 15, 16, 41, 58 & 59.	
8	Bldg. 14A Theater High Roof Replacement	$ 375,000	Replace roof, end of life.	
9	Bldg. 34 Generator Replacement	$ 275,000	Generator at end of life.	
10	Bldg. 1, Rooftop AC Unit Replacement	$ 150,000	Replaces roof top AC unit that is contributing to roof draining issues and leaks	
11	Bldg. 12, CHW/HW Branch Distribution Line Replacement	$ 300,000	East Library building CW/HW lines are 30 years old	
12	UNF & Holzendorf Drive Resurface	$ 2,000,000	Mill & Resurface UNF & Holzendorf Drives	
13	Central Plant CHW/HW Distribution Loop	$ 1,000,000	Connect ends of campus distribution loop in order to reduce pump HP and provide greater reliability.	
14	Bldg. 5, Central Plant Secondary CHW Pump Replacement	$ 300,000	Replace existing pumps.	
15	Bldg. 46 Chiller Repacement	$ 400,000	Remove chiller and connect lines to central plant.	
16	Bldg. 45, AHU Fan Replacement	$ 200,000	Replace large fans with multiple more effeicient fans.	
17	Bldg. 43, AHU Fan Replacement	$ 200,000	Replace large fans with multiple more effeicient fans.	
18	Bldg. 14A/B, Covered Walkway Refurbishment	$ 2,000,000	Replace rusting and weathered canopy between 14A & 14B.	
19	Bldg. 42, Generator Replacement	$ 125,000	Generator at end of life.	
20	Bldg. 39, Generator Replacement	$ 125,000	Generator at end of life.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
21	Irrigation Main Line Replacement	$ 500,000	Replace existing irrigation mainline running through campus core	
22	Bldg. 2, 5, 6, 10, 42, 45 Joint and Sealant Replacement	$ 300,000	Building sealants at end of life	
23	Campus Retention Pond Dredging and Wetland Outfall Restoration	$ 1,500,000	Reestablish pond depts and outfalls to original specifications	
	TOTAL:	**$ 11,275,000**		

UNIVERSITY OF SOUTH FLORIDA

Contact Name: Nicholas Setteducato

Contact Phone & Email: (813) 974-2707 nsetteducato@usf.edu

Deferred Maintenance on E&G Facilities

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	SEC Building Cooling Tower Structural Refurbishment	$ 120,000	Refurbishment of structural components on cooling tower that have deteriorated.	Replace fasteners and refinish components due to corrosion. Without repair, there will be potential structural failure of unit.
2	Central Chiller Plant CPT	$ 2,605,000	Chiller 11 Replacement with new 2300 Ton Chiller	Replace end of life unit.
3	USF Manhole 418	$ 600,000	Replace Manhole 418 hot water East side of campus. Valves in poor condition. Need to be able to isolate distribution loops to prevent boiler plant being shut down.	Critical hot water and chilled water isolation valves to expedite repairs and mitigate campus wide space conditioning and hot domestic water outages.
4	Central Chiller Plant CPT	$ 2,305,000	Chiller 12 Replacement with new 2300 Ton Chiller	Replace end of life unit.
5	USF Manhole 812	$ 800,000	Replace 812 CW & HW by Music Building West Campus 24" loop. Valves in poor condition. Need to be able to isolate loops to prevent shut down of boiler plant.	Critical hot water and chilled water isolation valves to expedite repairs and mitigate campus wide space conditioning and hot domestic water outages.
6	USF Hot water Line Replacement Phase 1	$ 2,000,000	Hot Water distribution pipe replacement - segment 1 of 3	Replace 50-60 year old failing piping
7	USF Chilled water line replacement Phase 1	$ 3,000,000	Chilled Water distribution pipe upgrade and replacement - segment 1 of 3	Replace 50-60 year old failing piping
8	MHC Building AHU Replace remaining AHU's	$ 4,440,000	4 Phases of AHU Replacement and Full Controls	Refurbish Duct Lining. HVAC Controls Full Controls Replace Filter. Replace failing pneumatic controls and end of life unit
9	LIB Building AHU Replace 4 remaining units.	$ 1,477,000	Replacement and Controls Upgrade	HVAC Controls Full Controls Replace Filter. Replace failing pneumatic controls and end of life unit
10	ALN Building Generator	$ 80,000	Life Safety Generator Replacement	Replace end of life unit. Required per building and fire code for egress safety.
11	STP Campus Building CUP Generator	$ 215,000	CUP New Generator #4	Replace end of life unit. Required per building and fire code for egress safety.
12	ISA Building Roof and HVAC	$ 90,000	Rooftop Beam Repairs and HVAC System	To protect the building from structural damage and moisture intrusion.
13	OPM Building AHU 1	$ 190,000	Replace AHU 1 Unit and Controls	HVAC Controls Full Controls Replace Filter. Replace failing pneumatic controls and end of life unit.
14	CPT Building Generator	$ 1,100,000	DOC Generator Upgrade, Elec. Equip Replacement and Pumps	Replace end of life unit. Required per building and fire code for egress safety.
15	ALN Building Roof	$ 1,550,000	Roof Replacement.	The roof is past its expected life cycle, which is resulting in leaking into the building. The findings from a campus wide roof study confirm that a roof replacement is needed.
16	STP Campus Building CRI HVAC Ductwork	$ 1,400,000	Replace Deteriorating Ductwork and Laboratory Exhaust Air Valves	Laboratory exhaust system code and safety concern.
17	MDT Building HVAC	$ 1,540,000	HVAC Full Controls Replacement Filter Upgrade	RTU 9 Zones Replacement and Filter Upgrade.
18	USF Electrical Infrastructure	$ 850,000	Electrical Infrastructure Improvement NW Redundant Feeder	This redundant feeder is for NW Chiller plant serving 30% of campus including HSC and medical clinics.
19	USF Electrical Infrastructure Feeder Capacity	$ 150,000	Improvement NWCP TECO Feeder Capacity Charge	Improve capacity of feeder to critical chiller plant.
20	SAR Campus- Sanitary Sewer	$ 120,000	Repairs at Research Annex	Replace end of life domestic water system and deteriorating piping.

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
21	STP Campus Buildings	$ 430,000	Multiple Buildings (peninsula) Replace Domestic Water Line	Replace end of life domestic water system and deteriorating piping.
22	USF Hot water Line Replacement Phase 2	$ 13,000,000	Hot Water distribution pipe replacement - segment 2 of 3	Replace 50-60 year old failing piping
23	USF Chilled water line replacement Phase 2	$ 27,000,000	Chilled Water distribution pipe replacement - segment 2 of 3	Replace 50-60 year old failing piping
24	CPT Lot 3B Chestnut Drive Flooding	$ 2,500,000	New Piping and contruction. Flooding from strong rains is close to electrical transformers	Install vault in Lot 3B to mitigate flooding in surrounding areas which could shut down the electrical transformers that feed the Central Plant.
25	CPR Building Generator	$ 120,000	Life Safety Generator Replacement	Replace end of life unit. Required per building and fire code for egress safety.
26	MDH Building Passenger Elevator 1,2,3	$ 70,000	Controller Upgrades	Replace failing controls and end of life unit.
27	SVC Building HVAC Controls	$ 800,000	HVAC AHU 11&12 Replacement and Controls Upgrade	HVAC Controls Full Controls Replace Filter. Replace failing controls and end of life units. Serve 3rd floor data center.
28	USF Roadway USF Roadway Repair/Repave (Leroy Collins/Sago) Segment 1 of 9	$ 3,100,000	USF Roadway Repair/Repave (Leroy Collins/Sago) Segment 1 of 9 Allowance	Repair/ Replace failing roadways and remediate flooding
29	CPT Cooling Tower 4	$ 450,000	Overhaul Cooling Tower and Condenser Pump	Replace end of life unit.
30	FAH Building Elevator	$ 130,000	Elevator Rehabilitation	Rehabilitate end of life elevator for safety and ADA requirements.
31	EDU/CEE Building Storm water	$ 125,000	Replace Storm water Treatment Drain	Permit Compliance work required per Swiftmud
32	PED Building Fire Alarm	$ 80,000	Replace Obsolete Fire Alarm	Replace end of life fire alarm system required by code.
33	SAR Campus - Storm water	$ 125,000	Retention Upgrades	Reduce impacts on pond volume due to overgrown vegitation. Swiftmud permit compliance.
34	USF Potable Water	$ 3,540,000	Distribution / Alternate Well Field	Portions of eisting well field has been compromised in the past. Need to add redundancy to current water supply to avoid loss of domestic water supply distribution to entire campus.
35	USF Potable Water	$ 200,000	Pipe Flow Model Development	Identify possible faillure points in existing domestic water system.
36	CEE Building Potable Water	$ 25,000	Line CEE Replacement of Saddle	Connection has a continuous leak that puts the building out of water.
37	CPT Building Pumps	$ 950,000	Replace CT-8 and CP-8B Condenser and Pump &VFD	Replace condenser strainers and condensate tank
38	FAO Building Fire Alarm	$ 150,000	Replace Obsolete Fire Alarm	Replace end of life fire alarm system required by code.
39	BSN and CPR Buildings Domestic Water Valve	$ 35,000	Replace Domestic Water Valve	Replace failed isolation valve
40	USF Lift Station #1 & #2	$ 300,000	Replacement of Failed Odor Control System	Current odor control system is close to residence hall and is not working. Creates strong odor in the adjacent dorms.
41	REC Building AHU-9,2-1,03,04,HV-13	$ 940,000	AHU Replacement and Controls Upgrade	HVAC Controls Full Controls Replace Filter. Replace failing controls and end of life unit.
42	STC Building DAV ISLAND Campus RTU 3	$ 800,000	Rooftop Unit Replacement & Controls	Replace failing controls and end of life unit.
43	SUN Building Roof	$ 250,000	Roof Replacement in Corral.	Repair to the corral roof to stop the existing leaks that are causing problems in the corral floor.
44	ISA Building HVAC And Rooftop Beam Repairs	$ 90,000	HVAC and Rooftop Beam Repairs	Replace fasteners and refinish components due to corrosion. Without repair, there will be potential structural failure of unit.
45	USF Roadway Repair/Repave	$ 3,000,000	(Genshaft/Willow) Segment 2 of 9	Repair/ Replace failing roadways and remediate flooding
46	USF Hot water Line Replacement Phase 2	$ 23,000,000	Hot Water distribution pipe replacement - segment 3 of 3	Replace 50-60 year old failing piping

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
47	USF Chilled water line replacement Phase 2	$ 30,000,000	Chilled Water distribution pipe replacement - segment 3 of 3	Replace 50-60 year old failing piping
48	SM Campus Chiller Plant Building Chiller#2	$ 650,000	Replace Failed Chiller #2	Replace failing controls and end of life unit.
49	SM Campus Building SMC AHU	$ 25,000	Damper and Valve Adjustment and Balancing	Replace failing controls and end of life unit.
50	STP Campus Campuswide Control Upgrades	$ 359,000	Campuswide Control Upgrades	Replace failing controls and end of life unit.
51	SM Campus Building SMC- AHU Refurbishment	$ 85,000	AHU Refurbishment	Replace failing controls and end of life unit.
52	SM Campus MOTE Lab Building-HVAC Controls	$ 40,000	Replace Failed Controls	Replace failing controls and end of life unit.
53	BSN Building AHU 1 & AHU 1-2	$ 796,000	AHU 1 & 1-2 Air Handler Replacement	Replace failing controls and end of life unit.
54	USF Campuswide Potable Water Well Rehabilitation	$ 600,000	Potable Water Well Rehabilitation	Replace failing motors, pumps and controls.
55	USF Water Valve Replacement	$ 250,000	Replace Water Valve	Replace failing units.
56	USF Main Campus Elevator Safety Upgrades	$ 1,500,000	Elevator Safety Upgrades	Replace end of life building component.
57	TAT Building AHU 1,2,3	$ 710,000	AHU 1,2,3 and Zones Replacement Full Controls	Replace failing controls and end of life unit.
58	CAM Building AHU and Generator	$ 800,000	3 AHU's and Generator Replacement	Replace failing controls and end of life unit.
59	MDH Building Duct Lining	$ 300,000	Replace HVAC Duct Lining Insulation	Replace failing ductwork insulation
60	HMS Building AHU 1,2,4 &5	$ 1,025,000	AHU 1,2,4 &5 Replacement and All Zones Replacement, Full Controls	Replace failing controls and end of life unit.
61	BEH Building Fire Alarm	$ 130,000	Replace Obsolete Fire Alarm	Replace end of life fire alarm system required by code.
62	NEC Building AHU 2,4,5,6,8, 9, 10,10A,11 14	$ 1,130,000	AHU 2,4,5,6,8, 9, 10,10A,11 14 Full Zone Replacement Full Controls	Replace failing controls and end of life unit.
63	USF Sidewalks	$ 300,000	Safety Repairs to Sidewalks Campus wide	Repair/ Replace deteriorated sidewalks
64	CPH Building AHU 4,6,7	$ 860,000	AHU 4,6,7 Replacement Full Controls	Replace failing controls and end of life unit.
65	MDC Building AHU1,9,10, 10A 11	$ 7,040,000	Phase 1 AHU1,9,10, 10A 11 Zones Replacement Full Controls	Replace multiple AHU's Zones, Full Controls
66	ALN Building HVAC	$ 1,500,000	AHU-1 Replacement and Seal Ductwork and Terminal Unit Replacement on 1st & 2nd Floors	Replace failing controls and end of life unit.
67	Upgrade Obsolete HVAC Controls	$ 4,000,000	Upgrade pneumatic, JCI & Automatrix obsolete HVAC controls in several building i.e. PCD,CSD,FPC, OPM, BEH, FAO, PED, MDC.	Required for proper environmental controls and indoor air qualityof space
68	ENG Building Fire Alarm	$ 310,000	Replace Obsolete Fire Alarm	Replace end of life fire alarm system required by code.
69	FAH Building AHU C-1,C-2,C-6,M-1,M-2	$ 2,300,000	AHU C1-C-7,M-1-M-6,A1-A3 Zone Replacement, Filter Upgrades	Replace failing controls and end of life unit.
70	CMC Building AHU 1,2,3,4,5&6	$ 2,100,000	AHU 1,2,3,4,5&6 Replacement and Full Controls Replacement	Replace failing controls and end of life unit.
71	FAO Building Family Unisex Restroom	$ 216,000	ADA Design A&E	Student complaint that needs to be addressed per ADA.
72	MDT Chiller Replacement	$ 1,500,000	Chiller Replacement DX unit	Replace failing unit.
73	FAD Building Roof	$ 1,000,000	Roof Replacement	Existing roof has reached the end of life and needs to be replaced. Roof has been patched many times and is no loger effective.
74	CPR Building ADA Signage	$ 17,000	Braille Signage Office Areas	Student complaint that needs to be addressed per ADA.

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
75	USF Regulatory Signage	$ 10,000	Regulatory Roadway Signage	Recurring requirement to repair campus regulatory roadway signage due to deterioration from outdoor conditions.
76	FAD Building ADA Restrooms	$ 256,000	Alteration to Locker Rooms, Restrooms	Faculty and student complaint that needs to be addressed per ADA compliant facilities.
77	USF Health Buildings- ADA Door Improvements	$ 220,000	ADA Door Improvements	Doors do not meet push/pull requirements and automatic door openers required to meet code.
78	USF Sidewalk ADA Improvements	$ 50,000	Sidewalk ADA Improvements	Sidewalks do not meet cross slope and running slope requirements required to meet code.
79	ENA Building AHU	$ 168,000	AHU Replacement Full Controls and Filter Upgrade	Replace failing controls and end of life unit.
80	USF NW Chiller Plant and South Cooling Tower Refurbishment	$ 2,000,000	Cooling tower overhaul with basin	Refurbish cooling tower structure to ensure proper operation and safety.
81	ULH Building AHU	$ 197,000	AHU Replacement Full Controls and Filter Upgrade	Replace failing controls and end of life unit.
82	USF Roadway Repair/Repave	$ 2,250,000	(Magnolia/Hawthorn) Segment 3 of 9	Repair/ Replace failing roadways and remediate flooding
83	PED Building AHU 1	$ 630,000	AHU 1 Zone Replacement Full Controls Filter Upgrade	Replace failing controls and end of life unit.
84	THR Building Roof	$ 1,000,000	Roof Replacement	Existing roof has reached the end of life and needs to be replaced. Roof has been patched many times and is no loger effective.
85	TAR Building AHU 1,2	$ 850,000	AHU 1,2 Zone replacement Full Controls Filter Upgrade	Replace failing controls and end of life unit.
86	FAO Building AHU 1N, 1S, 2N, 2S, G	$ 1,220,000	AHU 1N, 1S, 2N, 2S, G - Zone Replacement, Full Controls, Filter	Replace failing controls and end of life unit.
87	USF Concrete/Stucco Marquee Signage	$ 25,000	Concrete/Stucco Marquee Signage	Recurring requirement to repair campus marquee sign due to deterioration from outdoor conditions.
88	LSA Building AHU	$ 360,000	AHU Zone Replacement, Full Controls, Filter	Replace failing controls and end of life unit.
89	ENB Building HVAC	$ 1,000,000	HVAC Full Controls Replacement, Filter Upgrade	Replace failing controls and end of life unit.
90	EDU, EDU II, CEE, DAC Buildings HVAC	$ 970,000	HVAC Full Controls Replacement, Filter Upgrade	Replace failing controls and end of life unit.
91	CIS Building 1st Floor AH1-1, 1-2 HVAC	$ 2,680,000	1st Floor AH1-1, 1-2 HVAC Zone Replacement Full Controls, Filter	2nd Floor AH2-1,2-2 Zone Replacement Full Controls, Filter 3rd Floor AH3-1,3-2,3-3 HVAC Zone Replacement Full Controls, Filter
92	NEC Building Roof	$ 3,000,000	Roof Replacement.	The roof is past its expected life cycle. Material failure is resulting in leaks into the building. The findings from a campus wide roof study confirm that a roof replacement is necessary.
93	CAM Building HVAC	$ 75,000	HVAC Full Controls Replacement Filter Upgrade	Replace failing controls and end of life unit.
94	SUN AHU Replacement	$ 750,000	Yuengling Center Corrall AHU replacement	Replace end of life units.
95	CUT Building HVAC	$ 500,000	HVAC Full Controls Replacement Filter Upgrade	Replace failing controls and end of life unit.
96	ENC Building HVAC	$ 580,000	HVAC Full Controls Replacement Filter Upgrade	Replace failing controls and end of life unit.
97	STP Campus Building PRW AHU's	$ 650,000	Replace 3 AHU's	Replace failing controls and end of life unit.
98	SM Campus Exterior Lighting	$ 50,000	Replace failing exterior lighting on Buildings with LED	Replace end of life building component.
99	USF Roadway Repair/Repave	$ 3,250,000	Repair/Repave (Alumni) Segment 4 of 9	Repair/ Replace failing roadways and remediate flooding
100	SM Campus Emergency Locks	$ 149,000	Emergency lock down system replacement in building	Replace end of life building component for safety concerns.
101	STP Campus Building DAV Roof	$ 660,000	Replace Roof, Davis Hall East End	Roof on West end was replaced. Need to reaplce the East End at this time due to leaks in the building.
102	STP Campus Building SLC Roof Student Center	$ 440,000	Replace Roof, Student Life Center SLC #3	Replace roof. Reached end of life.

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
103	CUT Building Fire Alarm	$ 120,000	Replace Obsolete Fire Alarm	Replace end of life fire alarm system required by code.
104	USF NW Chiller 1 Replacement	$ 2,300,000	Chiller Replacement	Replacement of end of life chiller.
105	CPH Building Roof	$ 1,000,000	Replace Roof Phase 2	Existing roof has reached the end of life and needs to be replaced. Roof has been patched many times and is no loger effective.
106	BSN Building Roof	$ 4,010,000	Roof Overlay, Replacement, Skylight Replacement	Ferguson Hall Roof Replacement. The roof of the original building is past its expected life cycle. The roof of the new building is approx. 10 years old, but is failing, resulting in leaks into the building
107	USF Campus wide	$ 20,000,000	Replace Inefficient End of Life AHU's	approx. 100 units across all campuses units that are 30-40 years old. (above and beyond others on this list)
108	LIB/CPR Buildings Sidewalk	$ 141,000	Sidewalk Improvements	Sidewalks do not meet cross slope and running slope requirements required to meet code.
109	GAR Building ADA Improvements	$ 50,000	Botanical Garden ENG Building	Installation of sidewalks to meet ADA requirements.
110	MHC Building Walks at Banyan Circle	$ 254,000	Walks at Banyan Circle	Installation of sidewalks to meet ADA requirements.
111	BSN Building ADA 1100 Stage Lift	$ 33,000	ADA 1100 Stage Lift	Installation required to meet ADA
112	USF Cable Replacement	$ 725,000	Greek Village	Replace end of life cabling.
113	USF Cable Replacement Requirement	$ 500,000	Recurring Requirement. Primary Electrical Cable	Replace end of life component.
114	SOC Building Fire Alarm	$ 190,000	Replace Obsolete Fire Alarm	Replace end of life fire alarm system required by code.
115	Southeast Chiller Plant SEC	$ 2,500,000	Chilled Water Distribution Upgrade and piping	Extend 16" line to alleviate bottleneck and chilled water distribution.
116	USF - Classroom Emergency Locks Ongoing Maintenance	$ 300,000	Classroom emergency Locks for Classrooms	Regular maintenance of existing classroom emergency locks.
117	CPT Building Steam System	$ 1,145,000	Pressure Reducing Valve's on steam system and Boiler 6 Controls	Replace end of life unit.
118	USF Substation Vacuum Switches	$ 300,000	Replace Substation Vacuum Switches. Replace aging Switchgear in Disrepair.	Replace end of life unit.
119	USF Roadway Repair/Repave	$ 3,750,000	(Holly/Palm) Segment 5 of 9	Repair/ Replace failing roadways and remediate flooding
120	MDC Building Main Distribution Board	$ 500,000	Phase 1 Main Distribution Board	Replace end of life unit.
121	USF NW Cooling Tower	$ 250,000	Basin Coating and Screening	Refinish components due to corrosion. Without repair, there will be potential structural failure of unit.
122	CPT Building Condenser Header	$ 40,000	Header Paint	Refinish components due to corrosion. Without repair, there will be potential structural failure of unit.
123	SVC Building Generators	$ 1,746,000	Replace Generators	Replace end of life unit. Required per building and fire code for egress safety.
124	MDT Building Generator	$ 345,000	Replace Generators	Replace end of life unit. Required per building and fire code for egress safety.
125	USF Traffic Signal	$ 40,000	Collins/ Alumni Traffic Signal Camera	Replace end of life unit.
126	USF Roadway Repair/Repave	$ 4,250,000	(Sycamore/Bull Run/Elm) Segment 6 of 9	Repair/ Replace failing roadways and remediate flooding
127	STP Campus Building STG Fume Hoods	$ 535,000	Fume Hood Exhaust Fan Replacement 2 fans on roof	Laboratory exhaust system code and safety concern.
128	STP Campus Chilled Water Plant	$ 15,600,000	Campus wide Replacement Central Chilled Water Plant	Inefficient Chiller Plant. Enhancement of campus chilled water distribution.

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
129	STP Campus Building STG Boiler	$ 85,000	Boiler Replacement	Replace end of life unit.
130	STP Campus Power Cables	$ 1,900,000	Bury Overhead Primary Electrical Power Cables	Replace end of life unit.
131	CPT Building Chiller	$ 68,000	Temporary Chiller Connection	Replace end of life unit.
132	CPT Building Boiler	$ 150,000	Temporary Annual Boiler Rental	Boiler 5 has failed. Requires redundancy of rental boilers during winter period.
133	USF Sidewalk Safety Improvements	$ 120,000	Flashing Beacons for (3) Locations	Replace end of life unit.
134	FAD Building Fire Alarm	$ 150,000	Replace Obsolete Fire Alarm	Replace end of life fire alarm system required by code.
135	EDU Building Light Bollards	$ 235,000	Replace Light Bollards with USF Pedestrian Lights	Replace end of life unit.
136	CEE Roundabout Lights	$ 55,000	Replace Light Bollards with USF Pedestrian Lights	Replace end of life unit.
137	REC Building Light Bollards	$ 25,000	Replace Light Bollards with USF Pedestrian Lights	Replace end of life unit.
138	USF Roadway Repair/Repave	$ 2,000,000	(Pine Drive/Beard Drive) Segment 7 of 9	Repair/ Replace failing roadways and remediate flooding
139	USF Maintenance Vehicle Wash	$ 600,000	Maintenance Vehicle Wash Station	EPA Requirement
140	USF Mechanical Water Plant	$ 800,000	NW Mechanical Water plant Water Softener	To extend life of the expensive machinery at the NW chiller plant. This also improves energy and operational efficiency at the plant.
141	CPT Building - Water Softener Central Chiller Plant	$ 800,000	Water Softener	To extend life of the expensive machinery at the CPT chiller plant. This also improves energy and operational efficiency at the plant.
142	USF Lift Station	$ 500,000	Campus wide Lift Station Monitoring and Controls	Provide ability to control lift stations remotely to avoid overflow/spills for health department compliance.
143	USF - NW Campus Water	$ 2,500,000	Connecting USF Utilities produced domestic water to NW Side of Campus	Connection to NW Water as agreed to with the City of Tampa
144	SAR Campus Building SMC Classrooms	$ 50,000	Replace Whiteboards	Whiteboards are at end of life in several classrooms
145	USF Sewer Pipe	$ 1,000,000	New Inner Lining	Protect Aging Piping
146	USF Diesel Tank	$ 250,000	Above Ground Piping and Fueling System	Utilize existing diesel tanks to supply parking and transportation's fuel needs and replace current out of compliance fueling station.
147	USF Lift Station 8	$ 1,000,000	Replacement	Replace improperly sized lift station.
148	USF Storm water System	$ 3,200,000	Upgrades/ Off Campus Discharge Reduction	Recurring Campus wide. Addition of storm water ponds to remediate campus flooding.
149	USF Building Main Service Distribution Board Replacements	$ 3,000,000	Building Main Service Distribution Board Replacements	Replace end of life/obsolete main electrical distribution panel. Discontinued/unavailable parts.
150	ALZ Chiller Replacement	$ 2,000,000	Chiller Replacement	Replace failing unit.
151	USF Landscape Irrigation	$ 500,000	Replace landscape irrigation piping campus wide	frequent breaks in irrigation lines
152	SAR Campus Lighting	$ 200,000	Replace main campus site lighting conduit and wire	Replace end of life component.
153	SAR Campus Research Annex Electrical	$ 110,000	service upgrade due to existing obsolete switchgear at Research Annex	Replace end of life component.
154	SAR Campus Research Annex Domestic Water Line	$ 50,000	Replace domestic water lines at Research Annex	Replace end of life component.

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
155	SAR Campus Building SMC Generator	$ 726,000	Generator replacement with natural gas units for required redundancy.	Replace end of life component.
156	MDF Building Exterior Sealant	$ 50,000	Re-Application of Penetrating Sealant	to protect building envelope and prevent water intrusion
157	SVC Building Brick Veneer	$ 503,000	Brick Veneer Repairs 1st Level. The steel brick ledger supporting the ceramic faced CME/brick veneer wall over the building ribbon window fenestrations exhibits progressive lamellar corrosion.	Brick Veneer Repairs 2nd Level. The steel brick ledger supporting the ceramic faced CME/brick veneer wall over the building ribbon window fenestrations exhibits progressive lamellar corrosion
158	LIB Building Window Re-caulk and re-seal	$ 275,000	Window Re-caulk and re-seal	LIB Building Paint Window Areas where Caulking was done
159	SAR Campus BuildingVBK Bookstore Wall Repair	$ 80,000	Wall Repair	Prevent Air Infiltration and Contaminants
160	BSN Building Fire Alarm	$ 365,000	Replace Obsolete Fire Alarm	Replace end of life fire alarm system required by code.
161	USF Road Re-Striping	$ 560,000	Road Re-Striping Refresh Crosswalks	Re-striping of roadway dividers and crosswalks due to fading and for safety concerns.
162	REC Building Track	$ 25,000	Sealant Elevated Track.	The stucco walls of the track have been leaking. The walls need to be power washed and sealed to prevent further damage and water penetration
163	SAR Campus Research Annex Parking Lot	$ 100,000	Repave parking lot in annex.	Maintenace on parking lots due to wear and tear and outdoor conditions.
164	USF Roadway Repair/Repave	$ 3,000,000	Laurel (From Mag to Fletcher) Segment 8 of 9	Repair/ Replace failing roadways and remediate flooding
165	SAR Campus Main Campus	$ 675,000	Repave main campus parking lots	Maintenace on parking lots due to wear and tear and outdoor conditions.
166	SAR Campus Bridge	$ 20,000	Replace rotted wooden bridge	Prevent failiure of structure for safety.
167	General Campus Classroom Refresh	$ 500,000	Recurring refreshment of classrooms due to aging and wear and tear.	Recurring refreshment of classrooms due to aging and wear and tear.
168	Building Restroom Improvements	$ 2,000,000	Restroom Improvements	Recurring refreshment of restrooms due to aging and wear and tear.
169	General Area Carpeting / Paint Replacement	$ 2,000,000	General Areas carpeting / Paint Replacement	Recurring refreshment of general areas due to aging and wear and tear.
170	BSN Building Atrium Lighting	$ 80,000	Atrium Lighting. Replace recessed fixtures in atrium of new building with LEDs.	Classroom Electrical Outlet Replacement
171	SAR Campus Building SMC Paint	$ 300,000	Paint/ Seal Building Interiors	To prevent water intrusion/ damage.
172	SAR Campus Building SMC Laminate Repairs	$ 100,000	Laminate repair throughout building	Replace/repair exsting laminate millwork due to wear and tear.
173	SAR Campus Fencing	$ 24,000	Replace failed cable fence at Bay Trail Lot	Fence is at end of life.
174	SAR Campus Building SMC Auditorium	$ 100,000	Restore Selby Auditorium mosaic tile on exterior	Deterioration due to climate conditions and wear and tear.
175	SAR Campus Fence	$ 44,000	Repair/replace north boundary main campus fence	Replace failed cable fence at Bay Trail lot
176	CHE Building ADA	$ 220,000	Access for Speaker	Accessible access for faculty
177	USF Roadway Repair/Repave	$ 2,000,000	(Pine) Segment 9 of 9	Repair/ Replace failing roadways and remediate flooding
178	SUN Building ADA	$ 35,000	Assistive Listening Devices	Meet ADA

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
179	BOT Building ADA	$ 220,000	Sidewalk and accessible path	Public complaint to address ADA access to Botanical Gardens Building.
180	SAR Campus Building SMC Concrete	$ 138,000	Concrete Repairs around SMC Building	Replacement of deteriorated sidewalks
181	USF Campuswide Landscping Upkeep	$ 100,000	Re-installation of campus landscape	Replacement of damaged landscaping/vegetation due to outdoor conditions. Required for safety and to prevent land errosion.
182	CPR Building EHPA Shelter	$ 3,000,000	Hurricane Shelter Hardening	Hurricane hardening to building for university population sheltering needs during inclement weather events.
183	LIB Building EHPA Shelter	$ 4,000,000	Hurricane Shelter Hardening	Hurricane hardening to building for university population sheltering needs during inclement weather events.
184	REC Building EHPA Shelter	$ 3,000,000	Hurricane Shelter Hardening	Hurricane hardening to building for university population sheltering needs during inclement weather events.
	TOTAL:	**$ 295,587,000**		

Priority #	Project Title	**Estimated Cost** (Requested Funding Amount)	Description of Project / Repairs	Added Comments

UNIVERSITY OF WEST FLORIDA

Contact Name: Melinda S. Bowers

Contact Phone & Email: 850-474-2005 mbowers@uwf.edu

Deferred Maintenance on E&G Facilities
(over and above those cited on the 8/2/21 list pursuant to EOG Memo #21-034A)

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
1	Roof Replacements - Phase I	$ 2,435,000	Replace roofs on Buildings 22, 40, and 54.	
2	HVAC Upgrades - Phase I	$ 2,100,000	Upgrade/Replace HVAC systems in Buildings 21, 50, 82, and 92.	
3	Road and Sidewalk Improvements	$ 6,365,000	Repair and repave roadway. Replace existing traffic mast arms with hurricane rated arms. Sidewalk repairs and expansion joint replacement. Sidewalk trench drain improvements at Buildings 22 and 32. Campus landscape improvements.	
4	Building Renovations	$ 11,500,000	Renovate Buildings 50, 51, 52 to include Envelope, HVAC, Electrical, Data, Fire Alarm, ADA, Interior Replacement.	
5	Electrical Upgrades	$ 8,733,000	Install fire alarm systems in Buildings 10, 12, and 19. Upgrade interior lighting in Buildings 13, 22, 38, 43, 79, 84, and 88. Upgrade electrical panels, switchboards, breakers, and distribution networks in Buildings 19, 22, 32, 37, 38, 54, 26A, 70, 73, 82, 85, 86. Emergency Exit lighting replacement. Exterior building mounted lighting. LED lighting upgrades. Medium voltage overhead line conversion.	
6	Roof Replacements - Phase II	$ 3,642,780	Replace roofs on Buildings 82, 85, and 86.	
7	Window and/or Door Replacement and Maintenance	$ 1,838,000	Replace windows in Buildings 22, 32, 54, 81. Replace doors on Buildings 43 and 47. Replace windows and doors on Buildings 11 (2nd Floor), 19, 36, 37, 38, and 48. Replace wall, window, and door sealant and weather-stripping.	
8	Stormwater Rehabilitation	$ 1,375,000	Increase system sizing, add additional ponds, and maintenance on drainage systems and ponds.	
9	Plumbing Upgrades	$ 1,020,000	Restroom and fixture ADA upgrades in Buildings 13, 22, 32, 36.	
10	Roof Replacements - Phase III	$ 1,595,000	Replace roofs on Buildings 18, 21, 50, and 83.	
11	Irrigation System Upgrades	$ 540,000	Refurbish and upgrade irrigation system to include two (2) decentralized wells.	

Priority #	Project Title	Estimated Cost (Requested Funding Amount)	Description of Project / Repairs	Added Comments
12	HVAC Upgrades - Phase II	$ 493,500	Upgrade/Replace HVAC systems in Buildings 10, 11, 12, 18, 19, 22, 37, 49.	
13	Sewer System and Water Distribution Maintenance and Upgrades	$ 1,295,000	Water system backflow preventer replacement. Potable water distribution system cleaning and upgrades. Additional 300,000 gallon water storage tank. Sewer system upgrades.	
14	Roof Replacements - Phase IV	$ 745,000	Replace roofs on Buildings 43, 76, 80, 82B, and 84.	
15	Chiller Plant Rehabilitation	$ 6,600,000	Replace chillers, pumps, and piping in central utility plant. Decentralized water well for cooling towers. Replace AHU-1 and chilled and hot water piping.	
16	Condensing Boilers and Hot Water Piping	$ 600,000	Install final three (#s 8, 9, and 10) condensing boilers in central utility plant. Replace hot heating water piping at Buildings 85 and 86.	
17	Building Envelope Inspection and Repair	$ 841,000	Flat roof moisture inspections (3-year cycle). Air barrier and insulation rehabilitation for Buildings 91, 92, 93, 94, and 95. Exterior wall and drainage repair for Buildings 13, 32, 36, 38, 40, 43, and 90.	
18	South Campus Satellite Chiller and Boiler Plant	$ 3,000,000	Construct new satellite chiller and boiler plant for campus expansion.	
	TOTAL:	**$ 54,718,280**		