

# 2007 FCAP HSC By Number

Friday, July 18, 2008

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<b>D_NO</b>	<b>Building Name</b>	<b>Description</b>	<b>Recommended Correction</b>	<b>Cost</b>
07-E001	BETHEL CLINIC #2	THIS MEDICAL FACILITY SERVES THE NEEDS OF THE COMMUNITY. DURING OUTAGES EMERGENCY POWER IS	RECOMMEND INSTALLING AN EMERGENCY GENERATOR LARGE ENOUGH TO CARRY THIS	35000
07-E001	SOM STEAM PLANT	THE EXISTING SWITCHGEAR IS REACHING THE END OF ITS USEFUL LIFE.	REPLACE THE EXISTING SWITCHGEAR	200000
07-E001	WEST RESEARCH CAMPUS ACADEMIC BLDG.	THE EXISTING PANELS ARE REACHING THE END OF USEFUL LIFE.	INSTALL NEW PANELS.	9000
07-E002	SOM STEAM PLANT	THE EXISTING FIRE ALARMS ON CAMPUS DO NOT REPORT TO A CENTRAL LOCATION FOR MONITORING.	INSTALL A NEW FIRE ALARM PANEL AND ASSOCIATED WIRING TO ALLOW MONITORING	125000
07-E002	WEST RESEARCH CAMPUS ACADEMIC BLDG.	THE EXISTING FIRE ALARM DOES NOT MEET THE FIRE CODE.	INSTALL A FIRE ALARM SYSTEM IN ACCORDANCE WITH THE NC FIRE CODE AND	50000
07-E003	LIFE SCIENCES BLDG	THE EMERGENCY GENERATOR IS NO LONGER LARGE ENOUGH TO HANDLE THE LIFE SAFETY LOAD.	INSTALL A LARGER DIESEL GENERATOR TO SUPPLY EMERGENCY POWER.	110000
07-E004	LIFE SCIENCES BLDG	THE EXISTING PANELS ARE OLD AND ARE REACHING THE END OF THEIR SERVICE LIFE. MANY OF THEM ARE FPE	REPLACE THE EXISTING PANELS WITH NEW, UP-TO-DATE PANELS.	30000
07-E005	BRODY	THE EXISTING FIRE ALARM DOES NOT MEET THE FIRE CODE.	REWIRE CARD READER DOORS TO ALLOW ACCESS WHEN THE FIRE ALARM IS	50000
07-E006	BRODY	THE EXISTING SWITCHGEAR IS REACHING THE END OF ITS USEFUL LIFE.	REPLACE THE EXISTING SWITCHGEAR	500000
07-E007	PHYSICIANS QUAD. BLDG. N	THIS FACILITY DOES NOT HAVE A FIRE ALARM SYSTEM, NOR IS IT SPRINKLED.	RECOMMEND INSTALLING A BUILDING WIDE FIRE ALARM SYSTEM THAT REPORTS TO A 24	7300
07-E008	BRODY	THE EXISTING GE LOW VOLTAGE LIGHTING CONTROLS ARE NO LONGER WORKING. CONSTANT FAILURES HAVE	RECOMMEND INSTALLING A NEW LIGHTING SYSTEM WHERE CONTROL OF LIGHTS CAN	30000
07-E009	BRODY	THE EXISTING SWITCHGEAR IS REACHING THE END OF ITS USEFUL LIFE.	REPLACE THE EXISTING SWITCHGEAR	600000
07-E010	BRODY	THE EXISTING TRANSFER SWITCH IS REACHING THE END OF ITS USEFUL LIFE.	REPLACE THE EXISTING TRANSFER SWITCH	90000
07-E011	BRODY	THE MOTOR CONTROL CENTER NEEDS TO BE UPGRADED.	UPGRADE, REPAIR, OR REPLACE THE EXISTING MCC	100000
07-E012	JENKINS CANCER CENTER	THE BRANCH CIRCUIT PANELS ARE EITHER FULL OR NEAR CAPACITY ON THE SECOND FLOOR. ADDITIONAL	RECOMMEND INSTALLING ONE ADDITIONAL PANEL ON THE SECOND FLOOR. THERE	5000
07-E013	PHYSICIANS QUAD. BLDG. M	THE EXISTING FIRE ALARM IS ALSO WIRED IN WITH THE BURGLAR ALARM SYSTEM. THERE ARE ONLY SMOKE	IT IS RECOMMENDED TO INSTALL A NEW FIRE ALARM SYSTEM THAT REPORTS TO A	7000
07-E014	BRODY	THE TRANSFORMER IS LEAKING OIL.	REPLACE THE EXISTING TRANSFORMER	500000
07-E015	JENKINS CANCER CENTER	THE EXISTING FIRE ALARM DOES NOT MEET THE FIRE CODE.	INSTALL A FIRE ALARM SYSTEM IN ACCORDANCE WITH THE NC FIRE CODE AND	75000
07-E016	BIOTECHNOLOGY	THE EMERGENCY GENERATOR IS REACHING THE END OF IT'S SERVICE LIFE AND NEEDS TO BE REPLACED.	INSTALL A DIESEL GENERATOR TO SUPPLY EMERGENCY POWER	50000
07-E017	BIOTECHNOLOGY	THE EXISTING EXIT FIXTURES WASTE ENERGY AND MAINTENANCE LABOR TO KEEP THEM WORKING.	RECOMMEND REPLACING ALL EXIT FIXTURES WITH LED TYPE. THE PAYBACK WILL BE JUST	3000
07-E018	BIOTECHNOLOGY	THE EXISTING EXIT FIXTURES WASTE ENERGY AND MAINTENANCE LABOR TO KEEP THEM WORKING.	RECOMMEND REPLACING ALL EXIT FIXTURES WITH LED TYPE. THE PAYBACK WILL BE JUST	3000

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07-E019	MEDICAL PAVILION #6	THE EXISTING FIRE ALARM DOES NOT MEET THE FIRE CODE.	INSTALL A FIRE ALARM SYSTEM IN ACCORDANCE WITH THE NC FIRE CODE AND	50000
07-E020	ECU-MED - PATIENT SERV	THE EXISTING FIRE ALARM IS ALSO WIRED IN WITH THE BURGLAR ALARM SYSTEM. THESE SYSTEMS SHOULD BE	RECOMMEND INSTALL A NEW FIRE ALARM SYSTEM THAT REPORTS TO A MANNED 24	11000
07-E021	MEDICAL PAVILION #6	THE EXIT LIGHTING IN THIS BUILDING DOES NOT MEET CODE AND DOI STANDARDS.	INSTALL EXIT LIGHTING IN THIS BUILDING. ENSURE THAT THE NEW EXIT LIGHTS ARE LED	5000
07-E022	HSC EMERGENCY PHONES	SOME OF THE EXTERIOR EMERGENCY PHONES NEED REPLACING AND SEVERAL NEED TO BE ADDED FOR	RECOMMEND ADDING NEW EMERGENCY PHONES AND REPLACING THE ONES THAT	31000
07-G***	BRODY	THIS 25 YEAR OLD BUILDING IS UTILIZED BEYOND ORIGINAL DESIGN CAPACITY. MOST SYSTEMS INCLUDING	PROVIDE A COMPLETE RENOVATION TO INCLUDE ADDRESSING PROGRAM	105000000
07-G001	BETHEL CLINIC #2	WATER LEAKING THROUGH FOUNDATION WALL IN BASEMENT HAS CAUSED DETERIORATION OF STEEL	EXCAVATE FOUNDATION WALL, INSTALL WATERPROOFING AND RESTORE FINISH	28000
07-G001	SOM STEAM PLANT	CONCRETE FLOOR IS DETERIORATED DUE TO HEAVY WEAR, ABRASION, AND SPILLS.	INSTALL A HEAVY DUTY, ABRASION AND CHEMICAL RESISTANT FLOORING SUCH AS	90000
07-G001	WEST RESEARCH CAMPUS ACADEMIC BLDG.	ORIGINAL SINGLE PANE FLOOR TO CEILING WINDOWS ARE ENERGY INEFFICIENT AND CONTRIBUTE TO HIGH	REPLACE WINDOWS WITH DOUBLE PANE LOW MAINTENANCE THERMAL BREAK UNITS.	95000
07-G002	BETHEL CLINIC #2	ON MAIN SECTION, BUILT-UP ROOF WILL BE IN POOR CONDITION AND NEAR END OF EXPECTED LIFE. SOME	REMOVE ALL ROOF MATERIALS TO EXPOSE STRUCTURAL DECK AND REPAIR AS	65000
07-G002	WEST RESEARCH CAMPUS ACADEMIC BLDG.	SINGLE PLY ROOF IS IN POOR CONDITION AND IS BEYOND END OF EXPECTED LIFE	REMOVE ALL ROOF MATERIAL TO EXPOSE STRUCTURAL DECK. REPAIR DECK AND	180000
07-G002	SOM STEAM PLANT	SOME EXTERIOR DOOR HARDWARE IS WORN AND DIFFICULT TO OPERATE AND MAINTAIN	REPLACE DOOR HARDWARE AS NEEDED	4000
07-G003	LIFE SCIENCES BLDG	ON NEWER SECTION, BUILT-UP ROOF LEAKS AND FLASHING IS IN POOR CONDITION DUE TO BAD	REPAIR OR REMOVE ALL ROOF MATERIALS TO EXPOSE STRUCTURAL DECK AND REPAIR AS	20000
07-G003	WEST RESEARCH CAMPUS ACADEMIC BLDG.	CARPET IS WORN AND UNRAVELLING.	REPLACE CARPET WITH HEAVY DUTY CARPET.	16000
07-G003	BETHEL CLINIC #2	BUILDING IS NOT FULLY COMPLIANT WITH ADA GUIDELINES AND STATE BUILDING CODE. ENTRANCE	A STUDY OF ADA DEFICIENCIES TO INCLUDE COST OF RENOVATION IS RECOMMENDED.	12000
07-G004	BETHEL CLINIC #2	ASPHALT PAVING HAS A WEATHERED SURFACE, SOME EXPOSED AGGREGATE AND CRACKS. CONDITION VARIES	REPAIR APPROPRIATELY FOR CONDITION OF ASPHALT SURFACE. PATCH CRACKS AND	8000
07-G004	LIFE SCIENCES BLDG	DOI REPORT INDICATES THAT EXIT FROM MECHANICAL ROOM IS NOT ADEQUATE. SECURITY OF BUILDING IS A	ADD EXIT FROM MECHANICAL ROOM.	4000
07-G004	WEST RESEARCH CAMPUS ACADEMIC BLDG.	BUILDING DOES NOT HAVE ADEQUATE EMERGENCY EXIT SINGNAGE.	INSTALL LIGHTED EXIT SIGNS AS NEEDED.	5000
07-G005	BRODY	GASKETS IN OPERABLE WINDOWS ARE NEAR END OF USEFUL LIFE.	REPLACE GASKETS FROM INSIDE.	12000
07-G005	WEST RESEARCH CAMPUS COASTAL STUDIES	GALVANIZED COATING ON WALLS HAS DETERIORATED AND METAL IS RUSTING. METAL WALL HAVE ALSO BEEN	REPAIR AND COAT METAL SIDING.	12000
07-G005	BETHEL CLINIC #2	EXTERIOR DOORS AND FRAMES ARE IN POOR CONDITION AND NOT ADA COMPLIANT.	REPLACE 4 EXTERIOR DOORS WITH LOW MAINTENANCE INSULATED UNITS AND ADA	4000
07-G006	WEST RESEARCH CAMPUS STORAGE BLDG	GALVANIZED COATING ON WALLS AND ROOF HAS DETERIORATED AND METAL IS RUSTING. METAL WALL	REPAIR AND COAT METAL SIDING AND ROOF.	18000
07-G006	BRODY	2 ORIGINAL PASSENGER ELEVATORS DO NOT COMPLY WITH CURRENT STANDARDS FOR ADA, OPERATION AND	UPGRADE ELEVATORS AS NEEDED WITH NEW CONTROLS, DOOR OPERATING SYSTEM AND	1200000

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07-G006	BETHEL CLINIC #2	CARPET IS WORN AND DISCOLORED.	REPACE CARPET WITH HEAVY DUTY CARPET.	16000
07-G007	WEST RESEARCH CAMPUS ROADWAYS	ASPHALT PARKING AND ROADWAYS HAVE CRACKS AND POTHoles. SEVERITY ISDEPENDENT UPON TRAFFIC AND	REPAIR POTHoles AND CRACKS. INSTALL SEALANT COAT.	35000
07-G007	BRODY	IN FIRST FLOOR CORRIDOR AND LIBRARY, FLOOR SLAB HAS SETTLED AND IS APPARENTLY STABLE.	ADJUST SLOPE OF FLOOR WHEN CARPET IS REPLACED.	6000
07-G008	BRODY	DOI REPORT INDICATES THAT LATCHES ON ALL CORRIDOR AND OFFICE DOORS DO NOT COMPLY WITH	INSTALL NEW HOLD OPEN DEVICES AND CLOSER HARDWARE CONNECTED TO FIRE	75000
07-G009	BRODY	TREADS AND FLOORS IN 4 STAIRS ARE WORN, SLIPPERY AND UNSAFE. 2 STAIRS HAVE BEEN COMPLETED.	INSTALL NEW TREADS AND FLOORING IN STAIRS AND ON STEPS AS REQUIRED BY	36000
07-G010	BRODY	MECHANICAL CLOSET SPACES ON EACH FLOOR HAVE OPENING IN FLOOR FOR VERTICAL CONDUIT CHASE.	INSTALL CONCRETE CURB AROUND OPENINGS IN FLOORS AND SEAL AROUND	190000
07-G011	BRODY	SUSPENDED TILE CEILINGS IN VARIOUS AREAS ARE NEAR END OF USEFUL LIFE.	REPLACE CEILINGS WHERE NEEDED WITH 2X2 SUSPENDED SYSTEM	540000
07-G012	BRODY	SOME INTERIOR DOORS AND DOOR HARDWARE WILL SOON BE NEAR END OF USEFUL LIFE. SOME DOORS ARE	REPLACE DOOR HARDWARE THROUGHOUT THE BUILDING AS NEEDED WITH HEAVY	285000
07-G013	BRODY	FIXED SEATS, CARPET, STAGE CURTAINS, PAINT AND LIGHTING IN AUDITORIUM ARE NEAR END OF USEFUL	RENOVATE AUDITORIUM AND STAGE, INCLUDING SEATING, CARPET AND OTHER	380000
07-G014	BRODY	\$400,000 WAS SPENT TO CLEAN BRICK, RECAULK WINDOWS, AND CLEAN WEEP HOLES. CONTRACTOR	INVESTIGATE DAMAGE INSIDE CAVITY WALL BY CUTTING OPENINGS FOR EXAMINATION	325000
07-G015	BRODY	FASCIA BOARD ON EXTERIOR CORRIDOR (MRI CORRIDOR) IS CRACKING AND DETERIORATING.	REPLACE EXTERIOR FACIA. EXISTING FACIA BOARD MAY CONTAIN ASBESTOS.	125000
07-G016	BRODY	CARPET AND FLOOR TILE IN MANY AREAS THROUGHOUT THE BUILDING ARE DAMAGED, WORN, FRAYED AND	REPLACE CARPET AND TILE WHERE NEEDED. SHEET TILE OR OTHER TYPE OF FLOORING	565000
07-G017	BRODY	FORMICA (AND SOME STEEL) COUNTERTOPS IN LABS, CLASSES ARE ORIGINAL, DAMAGED, WORN, DIFFICULT	REPLACE COUNTERTOPS THROUGHOUT THE BUILDING.	175000
07-G018	BRODY	ROOFS OVER AUDITORIUM AND EXTERIOR CORRIDOR ARE AT END OF LIFE AND HAVE SOME LEAKS.	REMOVE ALL ROOF MATERIAL TO EXPOSE STRUCTURAL DECK. REPAIR DECK AND	375000
07-G019	BRODY	EXTERIOR DOORS ARE AT END OF USEFUL LIFE AND DIFFICULT TO OPERATE AND MAINTAIN.	REPLACE ENTRANCE DOORS WITH STOREFRONT AUTOMATIC SLIDING DOORS.	65000
07-G020	BRODY	FIXED SEATS, CARPET, STAGE CURTAINS, PAINT AND LIGHTING IN AUDITORIUM ARE NEAR END OF USEFUL	RENOVATE LECTURE ROOM, INCLUDING SEATING, CARPET AND OTHER ITEMS TO	370000
07-G021	PHYSICIANS QUAD. BLDG. N	CARPET IN HALLWAYS REPLACED 2 YO. ALL OTHER CARPET IS VERY WORN, STAINED, DISCOLORED.	REPLACE CARPET OR CONSIDER TILE OR LINOLEUM. RECYCLE CARPET MATERIAL.	18000
07-G022	PHYSICIANS QUAD. BLDG. N	TOILETS AND OTHER AREAS MAY NOT COMPLY WITH ADA STANDARD.	ADA STUDY IS RECOMMENDED TO DETERMINE SCOPE OF WORK AND REFINE	10000
07-G023	PHYSICIANS QUAD. BLDG. N	FLAT ROOF AND SHINGLE ROOF ARE BOTH AT END OF LIFE	REMOVE ALL ROOF MATERIALS TO EXPOSE STRUCTURAL DECK AND REPAIR AS	37000
07-G024	JENKINS CANCER CENTER	ROOFS ARE IN POOR CONDITION AND NEAR END OF LIFE. LEAKS AT PERMITER AND AT FAILING SEAMS.	REMOVE ALL ROOF MATERIALS TO EXPOSE STRUCTURAL DECK AND REPAIR AS	62000
07-G025	JENKINS CANCER CENTER	SOME EXTERIOR DOORS AND HARDWARE WILL SOON BE NEAR END OF USEFUL LIFE. SOME INTERIOR DOOR	REPLACE OR REPAIR DOORS AND HARDWARE AS NEEDED. REPLACE INTERIOR	40000
07-G026	JENKINS CANCER CENTER	SEVERAL WINDOWS HAVE LOST VACUUM SEALS. STEEL LINTELS ARE RUSTED. WINDOWS IN THE CHEMO UNIT	REPLACE WINDOW UNITS WITH NEW INSULATED GLASS UNITS WITH LOW E	32000

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07-G027	JENKINS CANCER CENTER	BRICK PAVERS IN COURTYARD ARE SLICK WHEN WET. CONCRETE STEPS ARE IN POOR CONDITION.	INSTALL CONCRETE PAVERS AND CONSTRUCT NEW STEPS.	24000
07-G028	JENKINS CANCER CENTER	CANOPY AT ENTRANCE IS TOO LOW FOR TRANSPORT VANS, RESCUE VEHICLES AND AMBULANCES. NON-	DEMOLISH CANOPY. REVISE / REDESIGN THE ENTIRE ENTRANCE, AIRLOCK, LOBBY AND	450000
07-G029	PHYSICIANS QUAD. BLDG. M	DOOR HARDWARE IS NOT ADA COMPLIANT	INSTALL HEAVY DUTY LEVER ACTION ADA COMPLIANT HARDWARE	8000
07-G030	PHYSICIANS QUAD. BLDG. M	TOILETS AND OTHER ITEMS DO NOT COMPLY WITH ADA GUIDELINES.	ADA STUDY IS RECOMMENDED TO DETERMINE SCOPE OF WORK AND REFINE	10000
07-G031	MRI BUILDING	SINGLE-PLY ROOF IS IN POOR CONDITION AND NEAR END OF EXPECTED LIFE. REPAIR OF SEAMS MAY BE	REMOVE ALL ROOF MATERIALS TO EXPOSE STRUCTURAL DECK AND REPAIR AS	56000
07-G032	BIOTECHNOLOGY	SOME EXTERIOR DOORS AND HARDWARE, INCLUDING SLIDING DOOR, WILL SOON BE NEAR END OF USEFUL	REPLACE OR REPAIR DOORS AND HARDWARE AS NEEDED.	24000
07-G033	BIOTECHNOLOGY	2 ORIGINAL PASSENGER ELEVATORS ARE DIFFICULT TO MAINTAIN.	UPGRADE ELEVATORS WITH NEW SOLID STATE CONTROLS, AND RENEW MOVING	60000
07-G034	BIOTECHNOLOGY	SOME INTERIOR DOOR HARDWARE WILL SOON BE NEAR END OF USEFUL LIFE.	REPLACE OR REPAIR DOOR HARDWARE AS NEEDED.	12000
07-G035	BIOTECHNOLOGY	SINGLE PLY ROOF IS IN POOR CONDITION AND NEAR END OF EXPECTED LIFE. SOME REPAIRS MAY BE	REMOVE ALL ROOF MATERIALS TO EXPOSE STRUCTURAL DECK AND REPAIR AS	185000
07-G036	BIOTECHNOLOGY	CAULKING IN EXPANSION JOINTS AND AT WINDOWS WILL SOON BE NEAR END OF USEFUL LIFE.	REPLACE CAULKING IN EXTERIOR WALLS WHEN NEEDED.	14000
07-G037	BIOTECHNOLOGY	PAINT WILL SOON BE NEAR END OF EXPECTED LIFE.	REPAINT INTERIOR FINISHES AS NEEDED.	26000
07-G038	SOM ADI (ALUMNI DEV & INFO)	WOOD, DOUBLE GLAZED WINDOWS ARE NEAR END OF EXPECTED LIFE, IN POOR CONDITION DUE TO LACK OF	INSTALL NEW WINDOWS WITH SOME OPERABLE SECTIONS, THERMAL BREAK	46000
07-G039	SOM ADI (ALUMNI DEV & INFO)	PLYWOOD FASCIA AND SOFFIT NEEDS PAINTING. BRICK PAVER PATIO IN REAR IS UNEVEN.	REPAINT EXTERIOR WOOD TRIM. REPAIR BRICK PAVER PATIO.	24000
07-G040	SOM ADI (ALUMNI DEV & INFO)	DOOR HARDWARE IS NOT ADA COMPLIANT	INSTALL HEAVY DUTY LEVER ACTION ADA COMPLIANT HARDWARE	8000
07-G041	SOM ADI (ALUMNI DEV & INFO)	SINGLE PLY ROOF ON 2 FLAT SECTIONS IS NEAR END OF LIFE.	REMOVE ALL ROOF MATERIAL TO EXPOSE STRUCTURAL DECK. REPAIR DECK AND	27000
07-G042	ECU-MED - PATIENT SERV	SINGLE PLY ROOF IS NEARING END OF LIFE	REMOVE ALL ROOF MATERIAL TO EXPOSE STRUCTURAL DECK. REPAIR DECK AND	45000
07-G043	ECU-MED - PATIENT SERV	TILE FLOORS IN TOILETS ARE AT END OF USEFUL LIFE. CARPET IN CORRIDORS HAS UNEVEN SURFACE.	REPLACE TILE FLOORS AND CARPET.	9000
07-G044	ECU-MED - PATIENT SERV	ENTRANCE DOORS ARE EXPOSED TO WIND AND RAIN.	INSTALL CANOPIES OVER ENTRANCE DOORS.	9000
07-G045	ECU-MED - PATIENT SERV	EXTERIOR EXIT DOORS HAVE NO PANIC HARDWARE. INTERIOR DOOR FRAMES ARE NEAR END OF USEFUL	INSTALL PANIC HARDWARE ON EXIT DOORS. REPLACE INTERIOR DOOR FRAMES AS	9000
07-G046	MEDICAL PAVILION #6	BUILDING IS CURRENTLY NOT OCCUPIED. INTERIOR FINISHES ARE WORN AND DETERIORATED. THERE IS	RENOVATE INTERIOR PARTITIONS, CEILINGS, DOORS, BATHROOMS, HARDWARE, LIGHTING,	715000
07-G046	LAKE LAUPUS	EROSION HAS PARTLY FILLED LAKE WITH SEDIMENT, THEREBY REDUCING CAPACITY FOR STORM WATER	DREDGE LAKE TO INCREASE CAPACITY FOR STORM WATER AND IRRIGATION. REPLACE	210000
07-G047	SOM PARKING LOTS AT SCHOOL OF MEDICINE	ASPHALT PAVING HAS A WEATHERED SURFACE, SOME EXPOSED AGGREGATE AND CRACKS. CONDITION OF	REPAIR APPROPRIATELY FOR CONDITION OF ASPHALT SURFACE. PATCH CRACKS AND	24000

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07-G048	SOM PARKING LOTS AT SCHOOL OF MEDICINE	ASPHALT PAVING HAS A WEATHERED SURFACE, SOME EXPOSED AGGREGATE AND CRACKS. CONDITION OF	REPAIR APPROPRIATELY FOR CONDITION OF ASPHALT SURFACE. PATCH CRACKS AND	60000
07-G049	SOM PARKING LOTS AT SCHOOL OF MEDICINE	ASPHALT PAVING HAS A WEATHERED SURFACE, SOME EXPOSED AGGREGATE AND CRACKS. CONDITION OF	REPAIR APPROPRIATELY FOR CONDITION OF ASPHALT SURFACE. PATCH CRACKS AND	60000
07-G050	SOM PARKING LOTS AT SCHOOL OF MEDICINE	ASPHALT PAVING HAS A WEATHERED SURFACE, SOME EXPOSED AGGREGATE AND CRACKS. CONDITION OF	REPAIR APPROPRIATELY FOR CONDITION OF ASPHALT SURFACE. PATCH CRACKS AND	60000
07-G051	SOM EMERGENCY DRIVE	ASPHALT PAVING HAS A WEATHERED SURFACE, SOME EXPOSED AGGREGATE AND LARGE CRACKS. CONDITION	REMOVE EXISTING SURFACE AND RECYCLE IN REBUILDING ROAD BASE. TO ACHIEVE A	188000
07-G052	WALKWAY AT MEDICAL PAVILLION	CONCRETE WALKWAY SURFACES ARE CRACKED, UNEVEN AND A TRIP HAZARD.	REMOVE ALL DAMAGED CONCRETE AND REPLACE WITH CONCRETE PAVERS.	35000
07-G053	LAKE LAUPUS	EROSION HAS PARTLY FILLED LAKE WITH SEDIMENT, THEREBY REDUCING CAPACITY FOR STORM WATER	DREDGE LAKE TO INCREASE CAPACITY FOR STORM WATER AND IRRIGATION. REPLACE	210000
07-G054	HEALTH SCIENCE ALL BUILDINGS	SOME BUILDINGS DO NOT COMPLY FULLY WITH ADA GUIDELINES AND CURRENT CODES.	A STUDY TO DETERMINE EXTENT AND COST OF ADA DEFICIENCIES IS RECOMMENDED.	15000
07-G055	LIFE SCIENCES BLDG	MAIN ENTRANCE / SECOND FLOOR CORRIDOR ARE NOT ADA COMPLIANT.	REPLACE DOORS WITH ADA COMPLIANT UNITS.	12000
07-M001	SOM STEAM PLANT	TWO OF THE EXISTING CHILLERS, CHILLER #1 AND CHILLER #2, ARE APPROXIMATELY 21 YEARS OLD AND	REPLACE CHILLER #1 AND CHILLER #2 WITH NEW ENERGY EFFICIENT CHILLERS WHICH	1200000
07-M001	BETHEL CLINIC #2	AS NOTED BY THE DEPARTMENT OF INSURANCE, THIS WOOD FRAME BUILDING HAS NO SPRINKLER SYSTEM	PROVIDE AN AUTOMATIC FIRE SPRINKLER SYSTEM.	30000
07-M001	WEST RESEARCH CAMPUS ACADEMIC BLDG.	THE CHILLERS ARE VERY OLD AND USE REFRIGERANT (R-22) THAT IS BECOMING OBSOLETE. THE EXISTING	INSTALL TWO NEW CHILLERS.	150000
07-M002	SOM STEAM PLANT	CHILLER #4 IS APPROXIMATELY TEN YEARS OLD, IS IN GOOD CONDITION, BUT USES A CFC REFRIGERANT	IF POSSIBLE, CONVERT CHILLER #4 TO USE A NON-CFC REFRIGERANT.	75000
07-M002	BETHEL CLINIC #2	THE TWO FUEL OIL HEATERS IN THE BASEMENT OF THE BETHEL CLINIC ARE AGING AND MAY BE INEFFICIENT.	VERIFY THE OPERATING CONDITION OF THE FUEL OIL HEATERS FOR SAFETY AND	5000
07-M002	WEST RESEARCH CAMPUS ACADEMIC BLDG.	THE BUILDING DOES NOT HAVE A SPRINKLER SYSTEM, AS RECOMMENDED BY DOI.	INSTALL SPRINKLER SYSTEM.	150000
07-M003	BETHEL CLINIC #2	ATTIC INSULATION IS NEEDED. THE DOMESTIC HOT WATER HEATER MAY BE INEFFICIENT. BASEMENT SUMP	ADD ATTIC INSULATION. INSTALL INSTANTANEOUS HOT WATER HEATERS.	15000
07-M003	WEST RESEARCH CAMPUS ACADEMIC BLDG.	THE COPPER WATER LINES HAVE JOINTS SOLDERED WITH A SOLDER CONTAINING LEAD, WHICH IS NOT	REPLACE ALL WATER PIPING WITH A SOLDER JOINT NOT CONTAINING LEAD.	50000
07-M003	SOM STEAM PLANT	SOME OF THE EQUIPMENT IN THE BOILER ROOM HAS DETERIORATED AND NEEDS TO BE UPGRADED. FOR	UPGRADE THE DEFICIENT EQUIPMENT IN THE HEATING PLANT. REPAIRS SHOULD	200000
07-M004	BRODY	THE HVAC CONTROLS SYSTEM IS APPROXIMATELY 21 YEARS OLD AND IS BECOMING OBSOLETE FOR A	UPGRADE AND EXPAND THE HVAC CONTROLS SYSTEM. BALANCE THE AIR	300000
07-M005	BRODY	THE WATER PURIFICATION SYSTEM IS OLD (25 YEARS), OBSOLETE, AND THE PIPING HAS DETERIORATED. DI	REPLACE THE ULTRA-PURE WATER SYSTEM AND PIPING. A BID OF \$118,000 HAS BEEN	118000
07-M006	BRODY	THE STEAM AND CONDENSATE PIPING IS RUSTED, LEAKING AND IS IN POOR CONDITION.	REPLACE ALL DAMAGED STEAM AND CONDENSATE PIPING. THE MOST CRITICAL	2000000
07-M007	MRI BUILDING	CHILLED WATER FOR THE HVAC SYSTEM AND FOR COOLING MEDICAL EQUIPMENT IN THIS BUILDING IS	PROVIDE A SEPARATE CHILLER TO PRODUCE PRIMARY CHILLED WATER FOR THIS	200000
07-M008	MRI BUILDING	THE INSTALLATION OF AN AUTOMATED ENERGY MANAGEMENT SYSTEM IN THE MRI BUILDING (ASSET NO.	INSTALL AN AUTOMATED ENERGY MANAGEMENT SYSTEM TO REPLACE THE	200000

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07-M009	SOM STEAM PLANT	THE CURRENT CHILLED WATER PUMPS DO NOT MOVE SUFFICIENT CHILLED WATER TO BRODY BUILDING.	UPGRADE BOTH CHILLED WATER PUMPS.	100000
07-M010	BRODY	THE BLOWDOWN WATER RETURN SYSTEM FOR BRODY BUILDING'S 22 AUTOCLAVES WASTES AN ESTIMATED	UPGRADE THE BLOWDOWN WATER RETURN SYSTEM FOR BRODY'S AUTOCLAVES.	500000
07-M011	BRODY	THE ENERGY WHEELS IN AC-1 AND AC-7 IN BRODY BUILDING DISINTEGRATED AND WERE REMOVED.	REPLACE THE MISSING ENERGY WHEELS IN UNITS AC-1 AND AC-7.	500000
07-M012	BRODY	THE FIRE AND JOCKEY PUMPS IN BRODY BUILDING ARE OLD AND IN NEED OF REPLACEMENT.	REPLACE THE FIRE AND JOCKEY PUMPS. VERIFY THAT ALL SPRINKLER HEAD	100000
07-M013	BRODY	THIRTY TO FORTY EXHAUST FANS AT BRODY BUILDING ARE CONTROLLED WITH PNEUMATICALLY ACTUATED	INSTALL VARIABLE FREQUENCY DRIVES FOR THE EXHAUST FANS TO SAVE ENERGY,	200000
07-M014	BRODY	THE CHILLED WATER COIL IN AIR HANDLER AC-6 IS OLD AND CORRODED.	REPLACE THE CHILLED WATER COIL IN AC-6.	100000
07-M015	BRODY	ON THE NORTH SIDE OF THE MECHANICAL ROOM, HE SPRINKLER HEADS ARE ABOVE THE DUCTWORK. THIS	UPFIT THE SPRINKLER PIPING IN THE MECHANICAL ROOM TO PROVIDE SPRINKLER	30000
07-M016	BRODY	CHILLED WATER PIPING IS VERY RUSTY AT MANY COIL CONNECTIONS. THE CONDENSATE TRAYS ARE RUSTED	REPLACE CORRODED PIPING AND CONDENSATE TRAYS IN THE AIR HANDLERS.	200000
07-M017	BRODY	THE COOLING TOWER WATER EQUALIZING LINES AT THE STEAM PLANT DO NOT HAVE SUFFICIENT CAPACITY TO	PROVIDE LARGER EQUALIZING LINES BETWEEN THE SIX COOLING TOWERS.	100000
07-M018	BRODY	AIR HANDLERS 1, 2 AND 3 IN MECHANICAL ROOM 041 ARE CORRODED AND NEED REPLACEMENT. STEAM LINES	REPLACE AIR HANDLERS AND ALL CORRODED ADJACENT LINES. REPLACE THE	500000
07-M019	BRODY	THE BELOW-GRADE VAULT FOR THE FIRE LINE HAS NO DRAIN AND NO TAMPER SWITCHES ON EITHER SIDE OF	PROVIDE HEATED, ABOVE-GRADE VAULTS FOR THE FIRE AND DOMESTIC WATER LINES.	250000
07-M020	BRODY	DAMAGE CAN OCCUR IF THE 12 PSI STEAM PRESSURE REGULATOR FAILS OPEN, IF 100 PSI STEAM IS SUPPLIED	REPIPE THE INCOMING STEAM LINES TO STEP THE PRESSURE DOWN IN STAGES OF 100 PSI	100000
07-M021	ALL HSC CAMPUS BUILDINGS	THE CURRENT ELECTRIC CONDENSATE PUMPS REQUIRE MAINTENANCE ABOUT TWICE A YEAR, PRINCIPALLY	REPLACE THE ELECTRIC CONDENSATE PUMPS THROUGHOUT ALL THE CAMPUS	400000
07-M022	BRODY	THE VACUUM PUMPS IN ROOM GW 58 ARE OLD, WITH PARTS DIFFICULT TO OBTAIN. CURRENTLY, THERE IS NO	PROVIDE NEW VACUUM PUMPS. EXTEND VACUUM LINES TO THE SOUTH SIDE OF	250000
07-M023	BRODY	THE DOMESTIC WATER BOOSTER PUMP IN ROOM GW 58 IS 30 YEARS OLD AND PARTS ARE BECOMING	REPLACE THE DOMESTIC WATER BOOSTER PUMP.	30000
07-M024	BRODY	A SECOND BACKFLOW PREVENTER ASSEMBLY IS NEEDED IN ROOM GW 58 OF THE BRODY BUILDING TO	INSTALL A SECOND BACKFLOW PREVENTER ASSEMBLY.	40000
07-M025	BRODY	THE THREE MAIN FIRE LINE SHUTOFF VALVES IN ROOM GW 58 OF THE BRODY BUILDING ARE CORRODED, WITH	REPLACE OR REBUILD THE THREE MAIN FIRE LINE SHUTOFF VALVES.	15000
07-M026	BRODY	THE SINGLE FLOW-RITE DOMESTIC HOT WATER HEATER IN ROOM GW 58 NEEDS A BACKUP UNIT OR	PROVIDE A BACKUP DOMESTIC HOT WATER HEATER.	30000
07-M027	BRODY	THE AGING GATE VALVES IN BRODY BUILDING CAN DROP A SEAT IF OVERTIGHTENED.	REPLACE THE GATE VALVES WITH BALL VALVES OR OS&Y VALVES FOR IMPROVED	25000
07-M028	BRODY	THE SPACING OF SPRINKLER HEADS IN MECHANICAL ROOM 8S-08 MAY BE INADEQUATE.	REVIEW THE SPACING OF SPRINKLER HEADS IN ROOM 8S-08. ADD ADDITIONAL	5000
07-M029	MRI BUILDING	HVAC INSULATION IS OLD AND DAMAGED IN MANY AREAS OF THE HSC CAMPUS, INCLUDING THE MRI BUILDING	REPAIR HVAC INSULATION THROUGHOUT THE HSC CAMPUS.	40000
07-M030	JENKINS CANCER CENTER	THE SINGLE FLOW-RITE DOMESTIC HOT WATER HEATER IN LEO JENKINS MECHANICAL ROOM CC126 NEEDS A	PROVIDE A BACKUP DOMESTIC HOT WATER HEATER.	30000

<b>D_NO</b>	<b>Building Name</b>	<b>Description</b>	<b>Recommended Correction</b>	<b>Cost</b>
07-M031	JENKINS CANCER CENTER	A WATER BOOSTER PUMP IS NEEDED TO MAINTAIN ADEQUATE (50 - 60 PSI) WATER PRESSURE. CITY WATER	PROVIDE A DOMESTIC WATER BOOSTER PUMP.	10000
07-M032	BRODY	ALL OF THE WATER FAUCETS IN BRODY BUILDING NEED TO BE CHANGED OUT. SEVERAL YEARS AGO, A FAUCET	PROVIDE COMPLETE PLUMBING UPGRADE INCLUDING WATER, COMPRESSED AIR,	800000
07-M033	BRODY	THE CURRENT STEAM SYSTEM IS OLD AND NEEDS FREQUENT MAINTENANCE. THE OLD STEAM TO	IN THE LSB MECHANICAL ROOM, RESTRUCTURE THE STEAM SYSTEM ON THE	400000
07-M034	BRODY	THE CURRENT CONDENSATE LIFT PUMPS IN THE RODENT CAGE WASHERS ROOM ARE OVER 30 YEARS OLD AND AT	REPLACE THE CONDENSATE LIFT PUMPS AT THE CAGE WASHERS	10000
07-M035	BRODY	IN MECHANICAL ROOM 155 OF THE NEW LIFE SCIENCES BUILDING, THE MEDICAL AIR DRYER IS NOT WORKING,	REPLACE THE MEDICAL AIR DRYER. PROVIDE DEWPOINT MONITORING OF THE	10000
07-M036	BRODY	THERE IS NO BYPASS WATER SUPPLY LINE, WITH BACKFLOW PREVENTER, AT THE NEW LIFE SCIENCE	INSTALL A BYPASS DOMESTIC WATER SUPPLY LINE, WITH BACKFLOW PREVENTER,	40000
07-M037	BRODY	THE DOMESTIC HOT WATER HEATER IS CORRODED BADLY AT THE DRAIN FITTING. PIPING IS ALSO BADLY	REPLACE THE DOMESTIC HOT WATER HEATER WITH A DUAL INSTANTANEOUS	50000
07-M038	BRODY	TWO LOADING DOCKS, ON THE EAST AND WEST SIDES OF THE HEALTH SCIENCE BUILDING, ARE UNSPRINKLERED.	INSTALL DRY SPRINKLER SYSTEMS AT THE EAST AND WEST SIDE LOADING DOCKS.	150000
			<b>Total</b>	<b>\$125,554,300</b>