

FCR 9

Office of the President
September 11, 2020

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending June 30, 2020 be accepted. This report refers only to projects that had activity within this quarter.

Background: Under House Bill 622, enacted in the 1982 session of the Kentucky General Assembly, the University is authorized to enter into architectural, engineering and related consultant contracts for the purpose of accomplishing capital construction at the University of Kentucky.

For the period April 1, 2020 thru June 30, 2020:

There were thirteen new contracts this quarter:

- | | |
|----------------|---|
| Project 2511.5 | Renew/Modernize Facilities Capital Project (White Hall Classroom Building Phase 1) <ul style="list-style-type: none">- JRA Architects, \$341,401 (Design)- Sunesis Environmental, \$65,000 (Selective Demolition) |
| Project 2511.6 | Renew/Modernize Facilities Capital Project (Patterson Office Tower) <ul style="list-style-type: none">- JRA Architects, \$258,520 (Design)- Sunesis Environmental, \$92,000 (Selective Demolition) |
| Project 2511.7 | Renew/Modernize Facilities Capital Project (Campus Enabling) <ul style="list-style-type: none">- Staggs & Fisher Consulting Engineers, \$367,800 (Design)- Dixon Electric, \$1,072,657, (Construction - Electrical)- Lagco, Inc., \$1,857,800, (Construction – Steam/Chilled Water) |
| Project 2511.9 | Renew/Modernize Facilities Capital Project (Old Quadrangle) <ul style="list-style-type: none">- Lord, Aeck, & Sargent, \$419,979 (Design) |
| Project 2527.0 | Improve Center for Applied Energy Research Facilities Capital Project (Laboratory Building #1 Chiller Replacement) <ul style="list-style-type: none">- Lagco, Inc., \$829,600 (Construction) |

- Project 2529.0 Repair, Upgrade or Improve Building Systems - UK HealthCare Capital Project (Pavilion H Air Handling Unit)
 - Lagco, Inc., \$865,00 (Construction)
- Project 2534.0 Improve Campus Parking and Transportation System - 2020 Maintenance Capital Project
 - Carl Walker Construction, \$1,340,217 (Construction)
- Project 2538.0 Construct Research Building (Fit-Up Two Wet Labs) Capital Project
 - Champlin Architects, \$590,000 (Design)
- Project 2542.0 Improve Good Samaritan Hospital Facilities Capital Project (Third Floor Renovation)
 - Omni Commercial, \$967,000 (Construction)

Four contracts were completed this quarter:

- Project 2396.0 Renovate/Expand Student Center Capital Project
 - Messer Construction Co., \$172,818,711
- Project 2425.0 Construct Research Building Capital Project
 - The Whiting Turner Contracting Co., \$143,842,842
- Project 2446.2 Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Enoch Grehan Journalism Building)
 - Turner Construction Co., \$17,686,229
- Project 2514.1 Renovate Warehouse Space (Phase Two) Capital Project
 - Dean Builds, Inc., \$1,400,837

Six amendments were as follows:

- Project 2402.9 Renovate/Upgrade UK HealthCare Facilities (Phase I-I) – Fit-up 5th and 12th Floors Pavilion A
 - Provide additional design services of the 5th floor related to change in programming, extended bidding and construction administration services, and an increase to reimbursable services. (+) \$323,400
- Project 2402.13 Renovate/Upgrade UK HealthCare Facilities (Phase I-I) – Interventional Services Pavilion A, H, and G
 - Provide additional design services to assist in the Siemen's medical equipment coordination, for addition of the procedure and CT scan room, and for extended construction administration services. (+) \$89,740

- Project 2446.1&
Project 2446.4 Facilities Renewal, Modernization and Deferred Maintenance (Phase I and II) Capital Project (Chemistry-Physics)
- Provide additional design services related to changes to the existing scope of the research lab. (+) \$14,000
- Project 2446.2 Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Enoch Grehan Journalism Building)
- Provide additional design services related to changes in scope associated with the connector corridor. (+) \$15,000
- Project 2501.0 Improve Good Samaritan Hospital Facilities (UKGS Magnetic Resonance Imaging)
- Provide additional design and construction administration for work associated with the Mobile Central Sterile Unit, and the addition of special inspection services. (+) \$22,000
- Project 2527.0 Improve Center for Applied Energy Research Facilities Capital Project (Laboratory Building #1 Chiller Replacement)
- Provide special inspection services. (+) \$3,675

Twenty-three change orders greater than \$25,000 were as follows:

- Project 2402.13 Renovate/Upgrade UK HealthCare Facilities (Phase I-I) – Interventional Services Pavilion A, H, and G
- Modify existing ductwork in the 3rd floor mechanical room to accommodate the new air-handling unit. (+) \$31,528
 - Reduce the scope of technology and electrical work in phase 2 procedure rooms to reduce potential conflicts with future unknown equipment installation. (-) \$82,332
 - Convert procedure room 8 from a plane scanner room to a CT Scan room to address current capacity issues. (+) \$279,927
- Project 2444.0 Expand/Renovate/Upgrade Law Building Capital Project
- Provide upgrades to the existing audio-visual system to meet the College of Law's requirements for video and audio recording. (+) 82,255
 - Revise service area 393 allowing the space to accommodate food services for future catering events. The area will be utilized as a warming/catering area. (+) \$121,830
- Project 2446.1&
Project 2446.4 Facilities Renewal, Modernization and Deferred Maintenance (Phase I and II) Capital Project (Chemistry-Physics)
- Provide controls associated with the scope change related to the addition of Einstein Bagels. (+) \$25,966
 - Provide a credit for the emergency shut-off valves for the nitrogen and carbon dioxide supplies as they are not required. (-) \$25,016

- Provide for costs associated with polychlorinated biphenyls material (PCB) testing of the concrete substrate at existing opening to comply with the Environmental Protection Agency's PCB abatement plan. (+) \$333,728
 - Provide a credit associated with scope overlap identified during post-bid meetings with low bid trade contractors. (-) \$254,126
- Project 2446.2 Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Enoch Grehan Journalism Building)
- Provide a credit for unused allowances. (-) \$192,578
- Project 2457.0 Renovate/Improve Clinical/Ambulatory Services Capital Project (Brachytherapy)
- Repair and replace existing finishes in two toilet rooms that will now be used in a patient environment. (+) \$45,649
 - Provide a credit for unused allowances. (-) \$45,313
- Project 2499.0 UK HealthCare Disparities Initiative (Research Building 2 - Phase II)
- Add data conduit to floor boxes on levels one, four, and six and add power circuits to floor boxes on level four. (+) \$86,432
 - Modify lower level vivarium doors, walls, and security provisions providing greater security in the vivarium space. (+) \$59,370
- Project 2512.0 Improve Civil/Site Infrastructure - Library Drive Extension Phase I Capital Project
- Relocate the vault to the south and offset the new chilled water lines away from existing duct banks. (+) \$51,887
- Project 2521.0 Acquire/Renovate Housing (Alpha Gamma Delta) Capital Project
- Provide architectural and structural revisions to the lower roof due to existing conditions. (+) \$36,402
- Project 2530.0 Expand Student Center (Dining) Capital Project
- Modify bid pack 1 and 2 scopes of work to add an accessible ramp from the exterior dining patio. (+) \$43,311
- Project 2533.0 Decommission Facilities (Demolition of Kirwan-Blanding)
- Remove and dispose of concrete block (CMU) at each concrete floor slab on Kirwan Tower. The first course of CMU at each floor slab contained an applied waterproofing that tested positive for asbestos and must be disposed of separately per abatement specification. (+) \$495,330
 - Dispose of 78 trash chute doors and 276 elevator doors that tested positive for asbestos. (+) \$52,381

- Provide additional abatement of asbestos materials found in Kirwan I, II, III, and Blanding I that were not noted on the original asbestos abatement report. (+) \$63,461
- Provide abatement to the waterproof coating on the foundation basement walls of Kirwan I, II, and III. (+) \$334,461
- Reconcile the quantities of abatement and disposal of those items in Kirwan Tower that were on the original hazardous materials survey; including room fire doors, TSI pipe fitting insulation, plaster ceilings, glue dots for mirrors, floor tile, mastic, and linoleum. (+) \$110,329
- Reconcile the quantities of abatement and disposal of those items in Blanding Tower that were on the original hazardous materials survey; including room fire doors, TSI pipe fitting insulation, plaster ceilings, glue dots for mirrors, floor tile, mastic, and linoleum. (+) \$120,265

Action taken: Approved Disapproved Other _____

CAPITAL CONSTRUCTION CONTRACTS QUARTERLY ACTIVITY REPORT

This report contains capital projects that have a dollar scope value of \$1,000,000 and above. The projects are listed in alphabetical order and contain the project number, the dollar scope, a brief description of the project work and information pertaining to the primary consultant's contract and the primary contractor's contract. This information includes:

Consultant: This section contains the name of the consultant, the contract number, the original contract amount, the total number of amendments, the cumulative amendment amount, the revised contract amount, and a notes section. The notes section will describe, in bold face type, all amendments to the consultant's contract for the current quarter.

Contractor: This section contains the name of the contractor, the contract number, the original construction contract amount, the total number of change orders, the cumulative change order amount, the revised contract amount, information on the low, high and number of bids, the percent of the contract completed, and a section for notes. The notes section will describe, in bold face type, all change orders greater than \$25,000 for the current quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY REPORT

Glossary

Amendment: refers to modifications or changes to the Consultant's contract with the University, usually the result of changes in the program or scope of a project caused by unforeseen conditions or at the request of the University.

Change Order: refers to modifications or changes to the Contractor's contract with the University, usually the result of conditions not anticipated by the contract documents, plans and/or specifications for the work.

Consultant: the entity, usually an architectural or engineering firm, with whom the University contracts and who has primary responsibility for providing services to design and to administer the contract for construction of a construction project. The prime consultant frequently employs the services of one or more sub-consultants in fulfilling its contractual obligation.

Contract administration: refers to the activities of the consultant during the construction phase of the project in which they verify that construction is in compliance with the requirements of the contract between the University and the contractor.

General Contractor: the entity, usually a general contractor but occasionally a trade contractor, with whom the University contracts and who has primary responsibility for completion the construction of a project. This "prime" contractor usually employs the services of various subcontractors (trade contractors) and vendors in fulfilling its contractual obligations.

Feasibility Study: refers to investigation, usually commissioned through an outside consultant, to advise the University of the merits of an anticipated construction project, and to evaluate and comment on matters such as need, probability cost, preliminary program issues, and so forth.

Gross square feet: the total area of the project, generally measured from the outside of exterior walls for all floors of the project, including mechanical spaces.

H.B.C.: refers to the Commonwealth of Kentucky Department of Housing, Buildings and Construction, the state agency having responsibility for review and approval of University construction projects to assure compliance with applicable building codes.

Penthouse: refers generally to the enclosure around roof mounted mechanical spaces in a project. Not considered occupied (or net assignable) space.

Percent complete: as used in the report refers to the expenditure to date divided by the total amount of the construction contract for the work.

Net assignable square feet: the usable area of the project excluding corridors, rest rooms, storage areas, mechanical spaces, etc.

Phase: The various stages of design and construction of a capital project, including:

- **Programming phase:** refers to the initial planning phase of a project, during which the University (with or without participation by a consultant) defines in detail the needs and requirements of a project. This program becomes the basis for consultant selection, fee negotiation, and design of the project.
- **Schematic design (S/D or Phase 1):** refers to the first formal phase of design by the consultant, in which a general design solution to project programmatic requirements is developed.
- **Design development (D/D or Phase 2):** refers to the second formal phase of design by the consultant, during which the schematic design is expanded to identify solutions to design issues in broad terms, sufficient to insure the stated programmatic needs can be met.
- **Construction document phase (C/D or Phase 3):** refers to the final phase of the design process in which the details and specific project requirements are identified and incorporated in a final set of biddable construction documents.
- **Bidding phase (Phase 4):** refers to the stage of a project during which proposals for construction are solicited, culminating in the award of one or more contracts for construction.
- **Construction phase (Phase 5):** refers to the actual construction of the project by contractors.

Scope: The total estimated value of a capital project on completion, including all design, construction and administrative costs as well as the cost of capitalized furnishings and equipment.

Substantial Completion: refers to the time during construction, certified by the consultant, when the work is sufficiently complete for the University to occupy the facility for its intended use without significant interruption. Upon certification of substantial completion, the University assumes operational and maintenance responsibility and insurance liability for the project and the warranty period begins for most elements of the construction. Some work generally remains, including correction of minor punchlist items, before the work is certified finally complete.

Trade Contractor: sub-contractors, or individual bid package contractors, who practice a specific, trade (electrical, painting, structural steel, for example)

**Major Projects
Capital Project Management
July 2020**

Acquire/Renovate Housing (Alpha Gamma Delta)

Project Description:

This project will fully renovate the current Alpha Gamma Delta facility. The renovation will include a complete mechanical, electrical, and plumbing upgrade; kitchen relocation to the basement level; and upgrade of restrooms and public spaces. The project also will include the addition of insulated perimeter walls in the sleeping rooms; an addition on the back of the building to provide seven additional beds; and study space on the first floor. A 500 square foot elevator addition will provide accessibility to all levels and a new front entry with an accessible main entrance will be provided. The facility will be updated with all new windows; all exterior brick will be repaired, and a full re-roof also will be included in the project.

Project Status:

Drywall is complete on the second and third floor and under way on portions of the main level. The front porch steel has been erected and the rear addition is 75% bricked. Rough ins are wrapping up on the main level and basement.

Construct Agriculture Research Facility 2 Capital Project (Poultry Research Facility Relocation)

Project Description:

The project will relocate the current program, on Coldstream Farm, to the C. Oran Little Research Center in Versailles, Kentucky. At completion, the area dedicated for research will double in size, in a modern facility with new equipment. The existing program facility was constructed in the late 1980's and is on University property that is included in the land swap agreement between the University and Lexington-Fayette Urban County Government.

Project Status:

The design phases are complete. An RFP to receive proposals for the poultry agriculture prefabricated buildings will be released in August 2020. Responses to the RFP will be evaluated to determine the best vendor to serve the program within the available budget. Once the decision on the vendor for the buildings has been made, the remaining site, utility, & infrastructure packages will be released for bid.

Construct Research Building (Fit-Up Two Wet Labs) Capital Project

Project Description:

This Project marks Phase III of the HKRB construction and will fit-up two wet laboratories on the first floor dedicated to cardiovascular research. The two wet laboratories will add 12 research benches, fourteen procedure rooms, four linear equipment rooms, two adjoining fume-hood rooms, and office spaces. This work is largely funded thru a National Institutes of Health (NIH) grant.

Project Status:

The design of the project is complete. As the project is federally funded, the final plans must be approved by the NIH prior to bidding. The construction documents were submitted in early May 2020 for final review but have yet to be approved. Bidding will begin immediately upon the required approvals.

Construct/Improve Greek Housing (Alpha Delta Pi) Capital Project

Project Description:

The 13,500sf sorority house located at the corner of Rose St. and Columbia Ave will receive a complete renovation and a 1,900sf addition that will relocate the kitchen, and reconfigure the floor plan to allow for additional bathrooms and enlarged meeting, dining and lounge areas. Mechanical and plumbing upgrades will be provided throughout.

Project Status:

EOP Architects and Shrout-Tate-Wilson are the design team, with Congleton-Hacker as the Construction Managers. The project was bid on August 6, 2020 with substantial completion scheduled for July 15, 2021.

Decommission Facilities (Demolition of Kirwan-Blanding)

Project Description:

At its December 12, 2017 meeting the Board of Trustees authorized the Executive Vice President for Finance and Administration to proceed with design and demolition of the Kirwan-Blanding Resident Housing Complex and Dining Commons, formerly undergraduate student housing and dining commons, located at 750-770 Woodland Avenue, Lexington, Kentucky.

The Kirwan-Blanding Housing Complex and Dining Commons, built in 1967, is located on the southeast side of campus. It consists of two 23-story towers, eight low-rise buildings, and a dining commons comprising over 500,000 gross square feet of space on 12.75 acres. These facilities are vacant and have reached the end of their useful life. Due to the deteriorating condition of these 11 buildings, use as housing and dining is no longer feasible. The property is strategically located for the University's needs and the University will regain approximately 12.75 acres of land in a desirable central campus location.

Project Status:

Abatement has been completed in all buildings with the exception of the Commons Dining Facility, and a portion of Blanding IV, being used by the contractor for site offices. Demolition of Kirwan I, II, III, IV, Blanding I, II, III is complete. Kirwan Tower is currently down to the 11th floor, and Blanding Tower to the 14th floor. Abatement in all remaining buildings will complete in August 2020, and demolition of all buildings is anticipated to wrap up in late September 2020. From that point, the contractor will commence removal of all basements and utility tunnels.

Expand Student Center (Dining)

Project Description:

The Gatton Student Center provides multiple student dining venues but is unable to meet increased demand due to high meal plan participation rates and projected continued student enrollment growth. A separate feasibility study was commissioned from Omni Architects to assess the possibility of expanding the current Champions Kitchen dining area toward the east in order to increase dining capacity by up to 350 seats. This study determined that it would be most cost effective to construct a second and third floor as part of this dining expansion to meet expanding and anticipated student support and other needs. It is expected that one or both additional floors will be shelled space at this time.

Project Status:

The three floors and penthouse steel structure are completely erected. Stairs and floor pans are installed, and the floors have all been poured in concrete. Mechanical rough ins are underway.

Facilities Renewal, Modernization and Deferred Maintenance (Phase-I and 2) Capital Project (Chemistry-Physics)

Project Description:

Renovations in the Chemistry-Physics Building will provide centralized state-of-the-art laboratories, accompanying offices, and collaboration spaces on the third floor. The project includes the creation of modern wet-bench research labs and computational spaces. The second phase will include replacement of the building exterior, stair tower, freight elevator, and roof; construction of a new loading dock and entrance additions; and mechanical upgrades in the penthouse.

Project Status:

Brick on shaft walls at the service elevator is nearing completion, motor set, and platform and rails installed. Steel has been set at south atrium. Under slab ductwork on the second floor in support of the third floor is underway. Roof drains have been installed. Air handlers are being installed in sequence to keep building systems operational. Skin demolition on the North and West sides of the third floor is complete and curtainwall installation is progressing. Weekly outage and coordination meetings are being held remotely and the team continues evaluating temporary moves needed in occupied areas to complete future work.

Improve Building Mechanical Systems - Ag North HVAC

Project Description:

Originally constructed in 1964, Agriculture Science Center North consisted of 10 air handling units with constant volume reheat boxes and individual exhaust fans serving numerous different spaces. Those units have severely deteriorated and are affecting building air quality and pressurization. This phased project will replace and combine existing equipment that has reached its useful life cycles.

Project Status:

This project currently has installed and operationalized two new AHU's and two lab hood exhaust fans. Three more of the six total units are under construction in various

phases of completion, with one of them being complete by August 20, 2020. Commissioning of the newly completed units will begin on August 10, 2020. In addition to the sixth and final AHU replacement, the replacement of the water heat exchangers for the building heating will begin by mid-to-late August 2020. Substantial completion is scheduled for December 2020.

Improve Campus Parking & Transportation System - 2020 Maintenance Capital Project

Project Description:

This project will complete the third year of a ten-year master plan. Work on the various structures will include installation of supporting steel, completion of the concrete repairs, installation of surface coatings, completion of masonry repairs, painting as required, and other miscellaneous work that will extend the life and serviceability of the various parking structures.

Project Status:

The project is nearing the end of the construction phase. The placement of additional supporting steel on the upper level of Parking Structure #2 is now 90% complete. The work in all other garages is complete. The final inspection is scheduled for the week of August 3, 2020.

Improve Center for Applied Energy Research Facilities Capital Project (Laboratory Building #1 Chiller Replacement)

Project Description:

This project will replace the chiller unit in Laboratory Building #1 at the University's Center for Applied Energy Research (CAER). This building was constructed in 1975 and the original chiller was upgraded approximately 20 years ago. The chiller is water-cooled and uses a roof-mounted cooling tower that also will be replaced. As the only available chiller, the appropriate temperature cannot be maintained in the research facility. The current unit will be replaced with two 225-ton air-cooled chillers that will meet the current building load and provide 10 percent additional capacity. Installing two chillers also will provide flexibility should one chiller go offline as the remaining chiller would have 60 percent of the required capacity to temporarily support the building.

Project Status:

The contractor has completed all associated work to accept delivery of the new chiller units, currently scheduled to arrive in late August 2020. Upon delivery of the new chillers, work to complete final connections, testing and switch over will follow. Once the new chillers are operational, demolition of all existing equipment will commence.

Improve Civil/Site Infrastructure - Library Drive Extension Phase I Capital Project

Project Description:

This project will extend Library Drive to intersect with Washington Avenue. The extension is necessary to alleviate traffic on Rose Street from Columbia Avenue to Funkhouser Drive which will allow for safer pedestrian traffic through this area of campus. The project also includes replacing and upgrading chilled water lines under the Library Drive extension, which will provide extra capacity, better balance, and flow.

Project Status:

All chilled water lines are installed, and the portion of Library Drive behind Chemistry-Physics building has been paved. The Library Drive extension is on rough grade and retaining walls are being formed.

Improve Clinical/Ambulatory Service Pool Capital Project (Cancer Services)

Project Description:

The project will address expansion of clinical services and the relocation of support and administrative services within the Markey Center and Chandler Hospital Complex including the following buildings: Roach, Whitney Hendrickson, and Pavilion A of Chandler Hospital. This will provide additional outpatient service space and create a permanent location for PET scanning.

Project Status:

The project is progressing on schedule. Bid Package 1 construction is nearly complete. Whitney Hendrickson (Pavilion WH) Infusion 2nd floor is nearing completion. Completion of this area is expected August 21, 2020. The Roach Building, 2nd Floor South is complete. The clinic will begin seeing patients in this area on August 24, 2020.

Bid Package 2, the Pharmacy Clean Room, is under contract. Production is underway.

Bid Package 3; This phase was advertised for competitive bids on May 7, 2020. This work includes Roach 1st Floor (BMT), Markey Pharmacy, and PET/CT. Contracts are in place and demolition is in process. Substantial completion is scheduled for July 2021.

Improve Good Samaritan Hospital Facilities Capital Project (Third Floor Renovation)

Project Description:

The patient volume at UK HealthCare Good Samaritan Hospital (UKGSH) continues to grow. This Project will address patient over-crowding with renovation of acute care beds. The Project encompasses the renovation of 13,490 square feet of existing space on the third floor of Wing B at UKGSH. The scope includes the relocation of a Dialysis Suite, upgrades to 30 patient rooms, Wing B finishes, new staff support spaces, a public restroom (compliant with the American with Disabilities Act Accessibility (ADA Guidelines), and a communication closet. The Project will be completed in phases to minimize any negative impact on patient care.

Project Status:

Extensive existing conditions discovered during the initial demolition has brought to attention multiple Kentucky Building Code and NFPA Life Safety Code deficiencies that require correction in order complete the project. The University has notified the contractor to suspend work at the completion of demolition to focus on change order proposals that will result in long-lead delivery dates. Once these change orders are evaluated and approved, the contractor can obtain delivery dates. These dates will be incorporated into a revised construction schedule.

Improve Good Samaritan Hospital Facilities (UKGS Magnetic Resonance Imaging)

Project Description:

This project will address expansion of clinical services available at the UK HealthCare Good Samaritan (UKGS) campus by renovating an area in the main facility and installing up to two Magnetic Resonance Imaging (MRI) machines. The patient volume at UKGS continues to grow and expand. Current UKGS in-patients who need MRI services are transported to the main UK HealthCare Chandler campus for necessary testing. Outpatients have access to limited scope MRI testing within the Professional Arts Center (PAC) building on a machine that is past its useful life. As a result of the ongoing and forecasted future needs of this campus, expanded MRI capabilities are necessary within the hospital facility. Expanded onsite services will decrease the current inefficiencies and delays related to coordination and transportation of inpatients offsite for these MRI services.

Project Status:

Substantial Completion was achieved on July 29, 2020. The User started using the MRI Suite for patients on August 3, 2020.

Improve Mechanical Infrastructure (Central Campus Utilities) Capital Project

Project Description:

The project will relocate all utilities (chilled water, steam, domestic water, natural gas, electric, and communications) out of the Kirwan-Blanding Residential Complex and Commons. The Kirwan-Blanding Complex has been decommissioned and is slated for demolition. In order to proceed with the demolition, all utilities will need to be relocated out of the complex to maintain uninterrupted service to buildings in the adjacent area.

Project Status:

All systems are up, functioning, and have been turned over to the University. Grading and sitework will finish up in the next couple of weeks. Project is on track for August 15, 2020 substantial completion.

Improve Memorial Coliseum (Design Only) Capital Project

Project Description:

This project will initiate the design phase of the Improve Memorial Coliseum Capital Project. The facility, which opened in 1950, was built as a memorial to Kentuckians who had died in World War I, World War II, and the Korean War. The facility once served as the home to the Kentucky men's basketball program which won two national championships while occupying the building (1951 and 1958). When UK men's basketball games were moved to Rupp Arena in 1976, the building continued to serve as the men's basketball practice facility prior to the opening of the Joe Craft Center in January of 2007. This historic facility now is home to competition for three women's athletics teams: women's basketball (since 1974), gymnastics, and volleyball. The restoration and improvement of this historic property is likely to include enhanced amenities, a revived tribute to fallen Kentuckians who lost their lives in military service, climate control, modern seating, and other enhancements to benefit student-athletes and the public attending athletics and community events in the facility. The project also will include many system-related upgrades such as life safety, security, lighting, and

sound. The renovation will encompass the entire building including offices and academic functions, as well as building envelop and site upgrades. It will also include upgrades to the CATS' Center and the Women's Basketball Locker Room suite located in the connected Craft Center.

Project Status:

Site investigations, hazardous materials survey, building scanning, and design development documents have been completed. Value engineering (VE) options have been reviewed and Athletics is currently evaluating the options relative to their needs, funding, and the budget. An RFP for Graphics, Signage, and Wayfinding has been released for pre-construction phase services with proposals due in early September 2020. It is anticipated that construction documents will be completed in early spring of 2021. With funding in place, and with BOT approval, bidding and award of contract will take place in the late spring of 2021.

Improve Student Center Space 1 - Harris Ballroom

Project Description:

The University's Student Center was originally constructed in 1938 and expanded in 1963 and 1982. It was further expanded and renovated in 2018 to more than 378,000 square feet, including an atrium, recreation area, lounges, conference facilities, entertainment venues, retail space, food service, bookstore, student organization spaces, and administrative support offices. The Center is heavily used by the University community and others with almost two million visitors annually. The Grand Ballroom in the newly expanded Student Center provides unique opportunities for multipurpose meeting space but is unable to meet the growing demand for large multi-functional spaces on campus. The 2018 expansion/renovation project provided schematic design of the Harris Ballroom, but was unable to fit out this space due to budget constraints. Subsequently, the Harris Ballroom is currently a "shell space" in the Student Center. Completion is necessary due to the extremely high demand for large multi-functional space at the University.

Project Status:

This project was accepted as substantially complete on July 19,2020.

Renew/Modernize Facilities - Cooper House Capital Project

Project Description:

This project will renovate the Cooper House for the College of Agriculture, Food, and Environment. Cooper House, located on the corner of Nicholasville Road and Cooper Drive, was constructed in approximately 1880 and acquired by UK in 1940. The building is on the University's list of historical structures and was home to Dean Thomas Poe Cooper for whom the House is named. Currently the house is vacant and needs renovation. The renovation and restoration of the Cooper House will include a reception area to welcome prospective students, faculty, visitors, and industry partners; meeting rooms; and, space to showcase goods and products.

Project Status:

Construction documents are complete. Will proceed to bid once the project is fully funded.

Renew/Modernize Facilities - Reynolds Building #1 (Design Only) Capital Project

Project Description:

This project will renovate the existing Reynolds Building #1 for the College of Design thus allowing the College to consolidate from four buildings to one building. This renewal of the Reynolds Building will provide an adaptive re-use of a historic structure continuing the concept of an arts and design district on campus. The renovation will include a small addition for vertical access and student commons space. The design will create large, open spaces for studios, classrooms, offices, and other support spaces for current and future programs.

Project Status:

Schematic design completed in May 2020, with estimates submitted and reconciled in June 2020. The design team continued into the Design Development Phase (Phase 2) and will be finishing those documents for estimating and review in September 2020. Project continues on schedule.

Renew/Modernize Facilities - Scovell Hall (Design Only) Capital Project

Project Description:

This project will be the design phase of Scovell Hall for use by the College of Public Health, allowing the College to consolidate from multiple locations on campus and provide needed room for program expansion. The modernization will revitalize the facility by providing new mechanical, electrical, and other building systems. The interior space will be configured to facilitate today's educational needs while remaining flexible to allow future change. Those spaces will include offices, classrooms, student spaces, and other support spaces to support the College of Public Health's current and future needs.

Project Status:

The university received and approved the schematic design documents which are to be utilized for fund raising purposes.

Renew/Modernize Facilities Capital Project - Campus Enabling

Project Description:

This project will include the replacement and upgrade of steam, chilled water, communications and electric on Rose Street from Huguelet Drive to Columbia Drive. This will allow for extra capacity, better balance and flow, along with redundancy.

Project Status:

The new water and gas lines have been installed on Rose Street and down a portion of Washington Avenue. The electrical and communications duct banks are 90% complete with one vault left to install. The excavation for the new chilled water vault is complete, and forming of this vault is underway.

Renew/Modernize Facilities Capital Project (Patterson Office Tower)

Project Description:

The 13,124 square foot 18th floor currently includes conference rooms and restrooms and is the highest occupied floor of the Patterson Office Tower. It will be renovated and modernized to include offices, conference room and restrooms with the space similar

to the lower floors. It is expected to have approximately 48 offices, conference spaces, restroom and desired supporting spaces.

Project Status:

JRA Architects has been selected as the project consultant. Sunesis is completing work on the demolition package. Substantial Completion of the demolition package will be late August 2020. The Fit-Up Package is scheduled to bid early September 2020.

Renew/Modernize Facilities Capital Project (a Study of the Quad)

Project Description:

This project will perform a study to assess the scope of work required to repurpose the Quadrangle, which is made up of Bradley Hall, Bowman Hall, Breckinridge Hall, and Kinkead Hall, for various University tenants and uses. The quadrangle was originally constructed as student dormitories but was later used by various departments for office use. This study will include evaluation of the facilities' physical conditions; it will further assess potential sustainable features; and will identify building code and life safety deficiencies of each building and what is necessary to bring them within compliance. The study is to include a conceptual design of one of the buildings (which one is yet to be determined) in order to develop a rational scheme for re-adaptable use. The study shall include the design team's cost opinion for repurposing of each of the buildings making up the Quadrangle.

Project Status:

Lord Aeck Sargent is performing the study. The assessments have been completed and recommendations have been made relative to options for proceeding with a conceptual design of one of the buildings.

Renew/Modernize Facilities Capital Project (White Hall Classroom Building Phase 1)

Project Description:

The renovation will entail improvements to the public restrooms in the basement, first, second and third floors. In addition, a Master Plan study to renew and modernize the building to include the interior and exterior is to be completed. The goal of the Master Plan is to position the University for a larger modernization project in the future.

Project Status:

JRA Architects has been selected as the project consultant. Sunesis is completing work on the demolition package. Substantial Completion of the demolition package will be late August. 2020 The Fit-Up Package is scheduled to bid early September 2020.

Renovate/Improve UK Good Samaritan Hospital Facilities Capital Project (Replace Air Handling Units)

Project Description:

Patient areas on the first, third, and fifth floors are heated and cooled by the #24 air-handling unit while the operating rooms on the fifth floor are serviced by the #54 roof top air handling unit. The replacement of the 33-year-old units will ensure patient safety and comfort, air quality, and compliance with regulatory requirements.

Project Status:

All work is complete, and the contractor has successfully completed installation and start-up of the new air handling units.

Renovate/Upgrade UK HealthCare Facilities (Phase I-I) – Fit-up 5th & 12th Floors Pavilion A

Project Description:

The Albert B. Chandler Hospital facilities development plan provides for the systematic replacement and renovation of patient care facilities. Since the opening of the first two patient care floors in Pavilion A of the new Patient Care Facility in May 2011, UKHealthCare (UKHC) has continued to experience strong patient demand for the delivery of its hospital system services. This volume increase has placed substantial capacity constraints on UK inpatient hospital operations. This project will help alleviate these constraints and includes the fit-up of the fifth and twelfth floors for inpatient services. This project will provide 128 inpatient beds, including 48 ICU beds.

Project Status:

GBBN/AEI is nearing completion of the Design Development documents for the 5th floor. The 12th floor has been put on hold pending need assessment and funding. The 5th floor will be bid in first quarter 2021.

Renovate/Upgrade UK HealthCare Facilities (Phase I-I) – Interventional Services Pavilion A, H, & G

Project Description:

The Interventional Services project requires the fit out of approximately 55,000 square feet of shell space on the First floor of Pavilion A of Chandler Hospital. This will include procedure rooms, prep/ recovery, as well as staff and support spaces.

Project Status:

Phase 1 of construction is progressing. Overhead mechanical, electrical, and plumbing rough-in is nearly complete. Under floor electrical rough-in continues. This work is in the ceiling of the Emergency Department and requires coordination with their activities. Final finishes have begun in the Prep/ Recovery area. This project phase is currently expected to be complete in January 2021.

Repair, Upgrade or Improve Building Systems - UK Healthcare Capital Project (Pavilion H Air Handling Unit #1)

Project Description:

This Project will replace one air handling unit (AHU) in the Chandler Hospital Pavilion H. AHU #1 services the ground, first, and second floors of Pavilion H. This AHU, which is original to the building and was installed in 1959, is in poor mechanical condition with failing fans and coils, and currently does not meet the cooling load for the service area. The replacement of the units will enhance patient and staff safety and comfort, air quality, and compliance with regulatory requirements.

Project Status:

This project was bid on June 30, 2020. Lagco Mechanical was the low bidder and is under contract. Preliminary work and mobilization are underway.

Repair, Upgrade, or Improve Building Systems - UK HealthCare Capital Project (Pavilion HA Air Handling Units 1, 2, 3, and 4)

Project Description:

This project will replace 4 air handling units (AHUs) in the Chandler Hospital Pavilion HA. AHUs 1 and 2 service the third floor (Mother Baby Unit and Obstetrics) and AHU 3 and 4 services the 4th floor Pediatric unit. These AHUs, which were installed in 1992 and 1995, respectively, are in poor mechanical condition with failing fans and coils and do not meet the cooling load for the area. The replacement of the units will ensure patient safety and comfort, air quality, and compliance with regulatory requirements.

Project Status:

AHU #2 was put on line July 28, 2020. Due to the high seasonal temperatures a planned 6 week break in construction will take place. Work on AHU #3 will begin on September 14, 2020. This project is expected to be complete in December 2020.

Repair/Upgrade/Expand Central Plant - Cooling Plant #1 Tower Replacement

Project Description:

This project will replace existing cooling towers at Cooling Plant #1. This utility plant is one of five that are integrated in a shared utility distribution system. This means that any facility connected to our system can be served by any of these plants. These existing cooling towers have deteriorated, and the plant cannot achieve its rated capacity. The new towers also will improve plant efficiency and reduce energy consumption. The support structure also has deteriorated and will be repaired as existing cooling towers are removed. The project will be done in phases over four years ensuring that this chilled water plant is always available.

Project Status:

Substantial Completion was achieved on May 30, 2020.

UK HealthCare Disparities Initiative (Research Building 2 - Phase II)

Project Description:

The University's new 300,000 square foot Research Building #2 (RB 2) opened in September 2018 and is the result of a partnership between the Commonwealth and the University. This facility's goal is to enable multidisciplinary research teams to work together to develop solutions to the complex health disparities that plague the people of the Commonwealth of Kentucky, such as cancer, diabetes, obesity and substance abuse. Phase II includes the buildout of fourth and fifth floors as well as the balance of the vivarium on the lower level of RB 2.

Project Status:

The fourth and fifth floors of the Healthy Kentucky Research Building (HKRB) have been punched and punch list work is near completion. Furniture install is scheduled to begin the first week of September 2020. Move in of the researchers will begin shortly thereafter. The lower level vivarium area is near completion with final inspection scheduled for the week of August 10, 2020. The elevators B, C, & F are complete awaiting final inspection. The inspection is scheduled for August 10, 2020. Substantial completion is scheduled for September of 2020.

Upgrade/Renovate/Expand Research Labs Capital Project (Lee T. Todd Jr. Building Fifth Floor Laboratory Renovation)

Project Description:

When Phase II of the Healthy Kentucky Research Building (HKRB) is completed in June of 2020, the faculty on the fifth floor of the Lee T. Todd Jr. Building will be moving to the fourth floor of HKRB. The vacated space on the fifth floor of the Lee T. Todd Jr. Building will become available for medicinal chemistry and pharmaceuticals research. The introduction of medicinal chemistry and pharmaceuticals research into this area results in greater demand for fume hood capacity. The renovation of this laboratory space to include up to 12 additional fume hoods will greatly enhance the flexible use of these laboratories now and in the future.

Project Status:

On October 29, 2019 a detailed study of the air flow in the area was undertaken. The design of the project is awaiting further analysis of the existing exhaust system of the Todd Building. The availability of exhaust capacity is the controlling factor in the number of fume hoods that may be included in the design.

Construct Beam Institute 1 – Still Building

Project Description:

This project will construct a new facility to support the College of Agriculture's Kentucky Spirits Research Institute program. The new facility will be located in the heart of the College of Agriculture's district and adjacent to the Cooper House and Barnhart Building. The facility will be up to 8,500 gross square feet and will include a spirits laboratory, large conference/seminar space, classroom, offices, and a public reception space.

Project Status:

Joseph and Joseph, Louisville, Kentucky was selected as the project architect. The project design kickoff meeting was held on August 7, 2020.

Improve Center for Applied Energy Research Facilities - Carbon Fiber Development Facility

Project Description:

The University's Center for Applied Energy Research (CAER) is working in partnership with the Oak Ridge National Laboratory Carbon Fiber Technology Facility (ORNL) on the conversion of coal to high-value carbon products. Carbon fiber is being increasingly used in aerospace and automotive applications to replace more traditional metals. Pursuant to this partnership, CAER will construct a new laboratory building to serve as a pilot-scale process development unit.

The new laboratory will be approximately 5,000 square feet and located on Research Park Drive, Lexington, KY, adjacent to other CAER facilities (the Spinline and Pitch Lab buildings). In partnership with ORNL, CAER will produce high-value carbon fiber from raw coal on the largest-scale in the United States. The new special purpose-built facility is necessary to efficiently and safely process tons of coal into mesophase pitch, recover

and utilize by-products, and develop new sustainable technologies to generate high-value carbon fiber, binders, and other materials for composite structures.

Project Status:

A project kick-off meeting is being scheduled. Advertisement of the consultant RFP is anticipated to be released in August 2020.

Improve Center for Applied Energy Research Facilities - Mineral Process Building Expansion

Project Description:

The University's Center for Applied Energy Research (CAER) is working in partnership with the U.S. Department of Defense to expand the University's Mineral Process Building. This 2,000 square foot expansion is essential for increasing bulk storage of raw materials which are needed to develop high performing concrete for military applications. The elimination of heavy precast rebar-laden structural elements can greatly simplify logistics, speed of construction, and on-going repair. The purpose of the research is to create cements and concretes that can be used to construct or repair bridges, runways, roadways and other hardened structures. These materials must be simple to deploy and use; quickly achieve a very high strength; and achieve high bond strength with little or no surface preparation.

The expansion will allow CAER to develop more concrete variations and increase the scale and scope of specimens for advanced field testing and implementation. As the raw materials are sensitive to environmental conditions such as heat and moisture, monitored and conditioned storage space is required to ensure uniformity in the materials and products.

Project Status:

Awaiting receipt of grant award monies.

P3 Parking Structure Capital Project

Project Description:

North campus is home to approximately 2,500 undergraduate and graduate students. This is an increase of approximately 1,170 since 2011. It also is the location of the new Bill Gatton Student Center, a 378,000 sq. ft. facility serving the entire campus and Lexington community. Its location provides parking for both Memorial Coliseum and the Singletary Center. The University recognizes the importance of supporting vibrant, welcoming, and sustainable developments that provide critical links between the University, downtown Lexington, and surrounding urban neighborhoods. To enhance the quality of life for students, faculty, and staff and partner with the city in its vision for an enhanced commercial corridor, the University has requested proposals for a P-3 business relationship to develop a mixed-use parking facility on the Winslow Street site. This site is located on north campus, bordered by Winslow Street, South Limestone Street, and South Upper Street and is the location of the now closed Kennedy Bookstore and Fazoli's restaurant. The mixed-use facility will consist of street front ground floor retail, restaurant, and/or office space with supported parking above. The new facility will tie into the existing Parking Structure #5 at all levels with the possible exception of

the basement. Parking structure #5 was originally constructed to accommodate later expansion. It is anticipated that the project will add approximately 918 parking spaces to the structure, along with roughly 23,150 GSF of space that will be fitted out for UK and retail use. The new facility must match or complement the existing structure in architectural, structural, mechanical, electrical, and plumbing design. The first floor will include roughly 12,100 GSF of space for UK Innovation and eSports programs. In addition, Signet will fit-out roughly 10,000 GSF of space that will be subleased to a retail vendor to provide a food service venue, which may include a street patio dining experience. The design will include a highly visible MediaMesh wall that can be used for UK Branding opportunities.

Project Status:

Signet Real Estate Group has partnered with UK to expand Parking Structure # 5 (PS#5) and to develop the Winslow street front. Sherman-Carter-Barnhart Architects and Staggs and Fisher Consulting Engineers are providing design services, and F.A. Wilhelm Construction is providing construction management services. The expansion of the Cornerstone Parking Structure has been accepted as substantially complete. The first-floor tenet improvements (TI) of the retail/innovation spaces are ongoing and scheduled to reach substantial completion in October 2020. The completion of the TI spaces was delayed due to impacts from some material deliveries as a result of COVID 19 issues. The LFUCG Division of Water Quality sewer trunkline project has completed along Winslow and along Avenue of Champions, except for final paving, which will occur after Kentucky American Water Company completes their infrastructure upgrades along Winslow and Ave. of Champions. The project is in budget.

Renew/Modernize Facilities Capital Project (Frazee Hall)

Project Description:

This project will include both the design and construction phases of the renovation of Frazee Hall. Originally completed in 1907, the 18,071 gross square feet structure is on the University's historic structures list. The modernization will revitalize the facility by providing new mechanical, electrical, and other building systems, and may include a connector to the Gatton Student Center. The interior will be comprised of offices and support spaces that will serve to augment and enhance the services offered by the student center.

Project Status:

Design team proposals were submitted on July 24, 2020 with a short list meeting held on August 3, 2020. Interviews are scheduled for August 17, 2020. Upon contract approval, program verification and design will begin.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Acquire/Renovate Housing (Alpha Gamma Delta) Capital Project

Project Number: 2521.00

Project Description:

Scope: \$4,900,000

This project will fully renovate the current Alpha Gamma Delta facility. The renovation will include a complete mechanical, electrical, and plumbing upgrade; kitchen relocation to the basement level; and upgrade of restrooms and public spaces. The project also will include the addition of insulated perimeter walls in the sleeping rooms; an addition on the back of the building to provide seven additional beds; and study space on the first floor. A 500 square foot elevator addition will provide accessibility to all levels and a new front entry with an accessible main entrance will be provided. The facility will be updated with all new windows; all exterior brick will be repaired, and a full re-roof also will be included in the project.

Consultant: EOP Architects

Contract # A201000M

Original Contract Amount:

\$72,400

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$72,400

No amendments this quarter.

Contractor Marrillia Design & Construction

Contract # 7500228565

Original Contract Amount:

\$4,119,000

Total Change Orders to Date: 021

Cumulative Change Order Amount:

\$90,940

Low Bid: \$4,119,000

Revised Contract Amount:

\$4,209,940

High Bid: \$5,042,724

Contract Percent Complete:

40%

Number of Bids: 6

Describe all change orders greater than \$25,000.00:

Change Order # 7, 3/31/71, was approved for an increase of \$66,396 to provide the labor and equipment to install a complete digital addressable fire alarm system by SimplexGrinnell using the pricing from the unit price contract with the University of Kentucky. **Change Order # 15, 5/26/20, was approved for an increase of \$36,402 to provide architectural and structural revisions to the lower roof due to existing conditions.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Acquire/Renovate The University Inn

Project Number: 2467.00

Project Description:

Scope: \$7,500,000

The University Inn currently operates as an 87-room hotel on approximately 2.1 acres at the intersection of South Limestone and Waller Avenue. The South Limestone frontage adjoins other University owned properties on the State Street and University Avenue block of South Limestone. The site includes two buildings, with a total of 62,936 square feet, and 85 parking spaces. The property will provide essential space for the growth of UK HealthCare including clinical, administrative and support space.

Consultant: Stengel Hill Architecture

Contract # A191090

Original Contract Amount:

\$462,275

Total Amendments to Date: 1

Cumulative Amendment Amount:

\$24,677

Describe all amendments :

Revised Contract Amount:

\$486,952

Amendment 1, 7/19/19, an increase of \$24,677 was approved for additional audio-visual design scope and structural engineering services. **No amendments this quarter.**

Contractor Marrillia Design & Construction

Contract # 7500189927

Original Contract Amount:

\$4,770,000

Total Change Orders to Date: 041

Cumulative Change Order Amount:

\$309,998

Low Bid: \$4,770,000

Revised Contract Amount:

\$5,079,998

High Bid: \$5,522,792

Contract Percent Complete:

99%

Number of Bids: 9

Describe all change orders greater than \$25,000.00:

Change Order # 20, 11/21/19, was approved for an increase of \$26,535 to provide an additional electrical connection to the four Variable Refrigerant Flow (VRF) units that heat and cool the building and to increase the panel size serving the equipment. Change Order # 21, 12/13/19, was approved for an increase of \$51,347 to revise shaft design as a result of fire/smoke dampers added during construction. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Agriculture Research Facility 2 Capital Project (Poultry Research Facility Relocation)

Project Number: 2505.00

Project Description: Scope: \$6,000,000

The project will relocate the current program, on Coldstream Farm, to the C. Oran Little Research Center in Versailles, Kentucky. At completion, the area dedicated for research will double in size, in a modern facility with new equipment. The existing program facility was constructed in the late 1980's and is on University property that is included in the land swap agreement between the University and Lexington-Fayette Urban County Government.

Consultant: JRA Architects

Contract # A191160	Original Contract Amount:	\$531,750
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$531,750
No amendments this quarter.		

Contractor Congleton-Hacker Co.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500188868	Original Contract Amount:	\$560,000
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$560,000
High Bid:	Contract Percent Complete:	
Number of Bids:		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Construct Research Building (Fit-Up Two Wet Labs) Capital Project

Project Number: 2538.00

Project Description: Scope: \$8,000,000

This Project marks Phase III of the HKRB construction and will fit-up two wet laboratories on the first floor dedicated to cardiovascular research. The two wet laboratories will add 12 research benches, fourteen procedure rooms, four linear equipment rooms, two adjoining fume-hood rooms, and office spaces. This work is largely funded thru a National Institutes of Health (NIH) grant.

Consultant: Champlin Architects

Contract # A21190	Original Contract Amount:	\$590,000
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$590,000
No amendments this quarter.		

Contractor

No construction contract awarded to date.

Contract #	Original Contract Amount:	
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	
High Bid:	Contract Percent Complete:	
Number of Bids:		

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Research Building Capital Project

Project Number: 2425.00

Project Description:

Scope: \$171,630,200

This project will construct an approximately 300,000 gross square foot multidisciplinary research building to meet the current and future needs of world-class researchers. This state-of-the-art facility will attract and retain researchers who successfully compete for externally funded research. The building design will be flexible and open to provide modern space for multi-disciplinary research involving programs such as medicine, nursing, health sciences, pharmacy, psychology, agriculture, biology, chemistry and engineering. The flexibility of the labs will be carried into the office environment, allowing the occupants to easily modify the space to fit their changing needs. The project also includes supporting utility infrastructure work to expand the existing campus central utility system and serve the new building.

Consultant: Champlin Architecture

Contract # A151270	Original Contract Amount:	\$11,397,600
Total Amendments to Date: 5	Cumulative Amendment Amount:	\$2,764,755
Describe all amendments :	Revised Contract Amount:	\$14,162,355

Amendment 2, 1/18/17, an increase of \$143,745 was approved for additional design and construction administration associated with modifications of water services for two university building on Leader Avenue. Also included are additional allowances for land surveying, subsurface investigation, pre-coring of borings, and special inspections. Amendment 3, 9/28/17, an increase of \$201,705 was approved for additional design and construction administration associated with installation of the second chiller in the Press Avenue utility plant and the modifications of the existing mechanical room HVAC systems. Amendment also includes an additional special inspections allowance associated with spline construction, fire stopping, and additional parking lot construction. Amendment 4, 2/13/18, an increase of \$230,400 was approved for additional design and construction administration services associated with infrastructure, plant facilities, and the vivarium cage-wash area. The amendment also provides for additional special inspections allowances associated with the spline and retaining wall construction, and geotechnical analysis. Amendment 5, 1/15/19, an increase of \$131,405 was approved for additional design and construction administration services associated with infrastructure and plant facilities, as well as with further development of the interior of the building. An increase in special inspections was included as well. **No amendments this quarter.**

Contractor The Whiting-Turner Contracting Company

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500057013	Original Contract Amount:	\$132,951,820
Total Change Orders to Date: 348	Cumulative Change Order Amount:	\$10,891,022
Low Bid:	Revised Contract Amount:	\$143,842,842
High Bid:	Contract Percent Complete:	100%
Number of Bids:		

Describe all change orders greater than \$25,000.00:

Change Order # 133, 12/18/17, was approved for an increase of \$117,249 to install and operate new cooling in the mechanical room of the BBSRB. The mechanical tends to overheat and the construction of the new research addition has exacerbated the issue. Change Order # 135, 12/22/17, was approved for an increase of \$161,768 to enclose the lids of the east and west mechanical shafts and upgrade sixteen penthouse dampers from fire dampers to combination fire/smoke dampers. Change Order # 170, 2/23/18, was approved for an increase of \$39,217 to apply a 2 hour fire rated barrier for the exposed surface of the tube steel elevator guide rail supports. Change Order # 171, 2/23/18, was approved for an increase of \$47,384 to provide modifications to the first loor HVAC equipment serving the lobby, café, and future conference room. Change Order # 172, 2/23/18, was approved for an increase of \$33,189 to revise the reflective ceiling plans in various locations in the procedure rooms, first floor lobby , dry labs, and wet labs. Change Order # 173 , 2/23/18, was approved for an increase of \$54,528 to add the work associated with the floor drain trap primer installation and associated piping as it was inadvertently not assigned to a specific trade during the bidding process. Change Order # 175, 3/5/18, was approved for an increase of \$36,774 to demolish and replace the north College of Pharmacy entry stairs, wall, and canopy base. Stair lighting and storm line are included. Change Order # 180, 3/28/18, was approved for an increase of \$46,020 to install wireless access points to serve the exterior courtyard

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

enhancing the use of the green roof area. Change Order # 185, 3/30/18, was approved for an increase of \$59,026 to install additional galvanized steel ladders and platforms in manholes 4 and 5 to accommodate the safe operation of all valves and equipment within. Change Order # 201, 5/2/18, was approved for an increase of \$29,272 to provide an asphalt pavement parking area at the generator building to provide secure parking for UK vehicles in the CUP area. Change Order # 208, 5/14/18, was approved for an increase of \$82,041 to install steel, grated access platforms with ladders over two sets of heat exchangers to provide access to valves and specialties above. Change Order # 210, 5/21/18, was approved for an increase of \$35,829 to remove and replace unsuitable soils in the area of the northern modular retaining wall with acceptable fill per contract specifications. Change Order # 222, 6/11/18, was approved for an increase of \$55,793 to modify the CUP to support the installation of chiller #6. These modification are necessary due to recent code changes requiring emergency refrigerant exhaust systems in a plant of this scale. Change Order # 224, 6/18/18, was approved for an increase of \$254,581 to provide temporary weather protection and heating to support construction activities required to maintain scheduled completion date. Change Order # 225, 6/18/18, was approved for an increase of \$58,166 to provide power to no less than forty-four fire/smoke dampers throughout the building. The power and fire alarm connections for these were not shown on the construction documents. Change Order # 227, 6/27/18, was approved for an increase of \$2,934,686 to fit-out the lower level cage wash area of the new facility. The old cagewash area serving the BBSRB was intended to serve the new Research Building 2 Vivarium when opened, but has become undependable in recent months. Change Order # 234, 7/16/18, was approved for an increase of \$25,072 to modify the area in the lobby where the video wall be installed to accommodate the equipment selected. Change Order # 235, 7/16/18, was approved for an increase of \$31,381 to install an alternate valve arrangement allowing for a wide range of operation the building steam system. Change Order # 236, 7/16/18, was approved for an increase of \$75,475 to provide bypass piping and valves around nine flow meters in the basement mechanical room and pent house mechanical room allowing for meter maintenance without disruption of service. Change Order # 242, 7/27/18, was approved for an increase of \$154,766 to provide additional cost for labor, equipment, and material associated with rock removal that was found to vary significantly in volume, density and composition from that expected in the area. Change Order # 244, 7/30/18, was approved for an increase of \$26,051 to revise the power to the Meefog system/skids. The system differs from the basis of design. Change Order # 246, 8/1/18, was approved for an increase of \$114,352 to reengineer and modify the glass walls and doors from 1/2" thick glass to 3/4" glass to support security devices associated with the new security system. Change Order # 250, 8/15/18, was approved for an increase of \$87,378 to provide end user requested modifications to the door hardware for various lower level doors. Change Order # 253, 8/8/18, was approved for an increase of \$34,016 modify the wet lab glass wall headers on levels two and three to make them more rigid and to serve as an acoustical barrier between the lab and the corridor. Change Order # 257, 8/14/18, was approved for an increase of \$65,665 for premium only overtime necessary to accelerate the building enclosure to meet construction deadlines. Change Order # 263, 8/20/18, was approved for a decrease of \$64,270 to provide a credit to the project for the deletion canvas insulated jacket on all piping above 8' in mechanical rooms. Change Order # 277, 9/4/18, was approved for an increase of \$29,212 to install a custom smoke curtain housing for elevator as required by code. Change Order # 288, 10/29/18, was approved for an increase of \$82,663 to fund the overtime cost differential to maintain schedule deadlines. Change Order # 290, 10/29/18, was approved for an increase of \$29,297 to install thirteen S1 type fixtures (8 foot or 4 foot as required by landing width) on landings where no light fixture is provided. Change Order # 307, 12/21/18, was approved for an increase of \$98,719 to install the new emergency transformer in substation 3 in an alternate location to accommodate future plans to expand the substation super structure. Change Order # 309, 1/2/19, was approved for an increase of \$27,651 to install masonry pavers above the two entry vestibules, on the floor of the third floor balcony, and above the Stair D roof. Change Order # 319, 2/11/19, was approved for an increase of \$136,637 to modify the café, the lower level store room, and the future kitchen area to support a Starbucks point of sale kiosk. Change Order # 323, 2/11/19, was approved for an increase of \$95,557 to provide overcurrent protection for critical load distribution (CLD) feeders passing upward thru the building at the request of the electrical inspector. Change Order # 324, 2/11/19, was approved for an increase of \$69,064 to install elevator door smoke containment system for elevators B and C on levels 4, 5, and 6. Change Order # 341, 11/18/19, was approved for an increase of \$28,521 to modify the structural steel beam that supports the granite stair and the adjoining elements to accommodate and properly conceal the structural elements.

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct/Improve Greek Housing (Alpha Delta Pi) Capital Project

Project Number: 2524.00

Project Description:

Scope: \$5,900,000

The 13,500sf sorority house located at the corner of Rose St. and Columbia Ave will receive a complete renovation and a 1,900sf addition that will relocate the kitchen, and reconfigure the floor plan to allow for additional bathrooms and enlarged meeting, dining and lounge areas. Mechanical and plumbing upgrades will be provided throughout.

Consultant: EOP Architects

Contract # A201080

Total Amendments to Date: 2

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$74,470
Cumulative Amendment Amount:	\$259,950
Revised Contract Amount:	\$334,420

Contractor:

No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:
Cumulative Change Order Amount:
Revised Contract Amount:
Contract Percent Complete:

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Decommission Facilities (Demolition of Kirwan-Blanding)

Project Number: 2533.00

Project Description: Scope: \$10,074,050

At its December 12, 2017 meeting the Board of Trustees authorized the Executive Vice President for Finance and Administration to proceed with design and demolition of the Kirwan-Blanding Resident Housing Complex and Dining Commons, formerly undergraduate student housing and dining commons, located at 750-770 Woodland Avenue, Lexington, Kentucky.

The Kirwan-Blanding Housing Complex and Dining Commons, built in 1967, is located on the southeast side of campus. It consists of two 23-story towers, eight low-rise buildings, and a dining commons comprising over 500,000 gross square feet of space on 12.75 acres. These facilities are vacant and have reached the end of their useful life. Due to the deteriorating condition of these 11 buildings, use as housing and dining is no longer feasible. The property is strategically located for the University's needs and the University will regain approximately 12.75 acres of land in a desirable central campus location.

Consultant: No design consultant for this project.

Contract #	Original Contract Amount:
Total Amendments to Date:	Cumulative Amendment Amount:
Describe all amendments :	Revised Contract Amount:

Contractor Sunesis Environmental LLC

Note: This contract awarded by RFP Process.

Contract # 7500229961	Original Contract Amount:	\$7,780,000
Total Change Orders to Date: 009	Cumulative Change Order Amount:	\$1,219,061
Low Bid:	Revised Contract Amount:	\$8,999,061
High Bid:	Contract Percent Complete:	40%
Number of Bids:		

Describe all change orders greater than \$25,000.00:

Change Order # 1, 4/14/20, was approved for an increase of \$495,330 to remove and dispose of concrete block (CMU) at each concrete floor slab on Kirwan Tower. The first course of CMU at each floor slab contained an applied waterproofing that tested positive for asbestos and must be disposed of separately per abatement specification. Change Order # 2, 4/22/20, was approved for an increase of \$52,381 to dispose of 78 trash chute doors and 276 elevator doors that tested positive for asbestos. Change Order # 4, 5/8/20, was approved for an increase of \$63,461 to provide additional abatement of asbestos materials found in Kirwan I, II, III, and Blanding I that were not noted on the original asbestos abatement report. Change Order # 5, 6/8/20, was approved for an increase of \$334,461 to provide abatement to the waterproof coating on the foundation basement walls of Kirwan I, II, & III. Change Order # 6, 6/22/20, was approved for an increase of \$110,329 to reconcile the quantities of abatement and disposal of those items in Kirwan Tower that were on the original hazardous materials survey; including room fire doors, TSI pipe fitting insulation, plaster ceilings, glue dots for mirrors, floor tile, mastic, and linoleum. Change Order # 7, 6/22/20, was approved for an increase of \$120,265 reconcile the quantities of abatement and disposal of those items in Blanding Tower that were on the original hazardous materials survey; including room fire doors, TSI pipe fitting insulation, plaster ceilings, glue dots for mirrors, floor tile, mastic, and linoleum.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Expand Student Center (Dining) Project

Project Number: 2530.00

Project Description: Scope: \$25,000,000

The Gatton Student Center provides multiple student dining venues but is unable to meet increased demand due to high meal plan participation rates and projected continued student enrollment growth. A separate feasibility study was commissioned from Omni Architects to assess the possibility of expanding the current Champions Kitchen dining area toward the east in order to increase dining capacity by up to 350 seats. This study determined that it would be most cost effective to construct a second and third floor as part of this dining expansion to meet expanding and anticipated student support and other needs. It is expected that one or both additional floors will be shelled space at this time.

Consultant: Omni Architects

Contract # A201140	Original Contract Amount:	\$800,000
Total Amendments to Date: 1	Cumulative Amendment Amount:	\$291,730
Describe all amendments :	Revised Contract Amount:	\$1,091,730

Amendment 1, 3/24/20, an increase of \$291,730 was approved to provide for construction administration services originally not included because the project began as design only. Amendment also provides for special inspections and plan review permit fee. **No amendments this quarter.**

Contractor Turner Construction Co.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500219079	Original Contract Amount:	\$13,862,282
Total Change Orders to Date: 004	Cumulative Change Order Amount:	\$34,237
Low Bid:	Revised Contract Amount:	\$13,896,519
High Bid:	Contract Percent Complete:	25%

Number of Bids:

Describe all change orders greater than \$25,000.00:

Change Order # 3, 5/18/20, was approved for an increase of \$43,311 to modify bid pack 1 & 2 scopes of work to add an accessible ramp from the exterior dining patio.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Expand/Renovate/Upgrade Law Building Capital Project

Project Number: 2444.00

Project Description: Scope: \$56,000,000

This project will include programming and design of the full renovation of the existing facility with a 34,000 GSF addition. The upgraded facility will include modern spaces for the following functions: large and small courtrooms, upgraded library space, classrooms, signature student spaces, and space for student organizations, faculty offices, law clinics and administration.

Consultant: Sherman Carter Barnhart Architects

Contract # A161180	Original Contract Amount:	\$3,426,488
Total Amendments to Date: 3	Cumulative Amendment Amount:	\$686,543
Describe all amendments :	Revised Contract Amount:	\$4,113,031

Amendment 1, 5/22/17, an increase of \$668,543 was approved to provide additional services needed for infrastructure and project scope adjustments since the initial contract. This includes added programming services and additional travel expense. Amendment 2, 6/21/18, an increase of \$4,000 was approved for additional design services to add an enclosure for trash and recycle compactors and provision of renderings. Amendment 3, 8/30/19, an increase of \$14,000 was approved to provide additional design services to fit-out the food service space. **No amendments this quarter.**

Contractor Congleton-Hacker Co.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500078835	Original Contract Amount:	\$42,442,782
Total Change Orders to Date: 174	Cumulative Change Order Amount:	\$2,550,073
Low Bid:	Revised Contract Amount:	\$44,992,855
High Bid:	Contract Percent Complete:	99%
Number of Bids:		

Describe all change orders greater than \$25,000.00:

Change Order # 62, 10/31/18, was approved for an increase of \$252,033 add a centrally located compactor enclosure necessary to service Law along with other building in the vicinity. Work includes demolition of existing asphalt, electrical and data duct bank from Law School, water hydrant supplied from Law School, masonry enclosure with gates, concrete pavement, asphalt pavers, and asphalt. Change Order # 64, 11/19/18, was approved for an increase of \$234,534 to provide and install fixed tables in tiered classrooms 291 and 299. Tables were not properly scoped in original bid documents given to the vendor. Change Order # 74, 1/23/19, was approved for an increase of \$48,830 to provide a second fiber entrance to the building and re-route the new fiber cable to Parking Structure #2 instead of McVey, thereby making connectivity at the Law Building independent from future work at McVey Hall. Change Order # 78, 2/11/19, was approved for an increase of \$503,412 to provide project site-work. This change order was issued to allow site development around the building to begin in order to maintain the schedule for occupancy while the Memorial Hall design is still going through the bid process. Change Order # 79, 2/15/19, was approved for an increase of \$139,642 to provide Memorial Hall site electrical work associated with the Law School project. Change Order # 85, 3/12/19, was approved for an increase of \$74,964 to provide Memorial Hall storm sewer site work associated with the Law School project. Change Order # 91, 4/9/19, was approved for an increase of \$263,955 to provide the modifications required to add a grease trap to the Common Grounds Café. Change Order # 121, 6/14/19, was approved for an increase of \$29,794 to provide modifications necessary to accommodate selected lecterns for the small and large moot court rooms. Change Order # 126, 7/10/19, was approved for an increase of \$25,993 to modify the storm pipe system connection to the underground detention system. **Change Order # 173, 5/8/20 was approved for an increase of \$82,255 to provide upgrades to the existing audio-visual system to meet the College of Law's requirements for videoing and recording. Change Order # 174, 6/9/20 was approved for an increase of \$121,830 to revise service area 393 allowing the space to accommodate food services for future catering events. The area will be utilized as a warming/catering area.**

Facilities Renewal, Modernization and Deferred Maintenance (Phase I & II) Capital Project (Chemistry-Physics)

Project Number: 2446.1 & 2446.4

Scope: \$60,914,909

Project Description:

Renovations in the Chemistry-Physics Building will provide centralized state-of-the-art laboratories, accompanying offices, and collaboration spaces on the third floor. The project includes the creation of modern wet-bench research labs and computational spaces. The second phase will include replacement of the building exterior, stair tower, freight elevator, and roof; construction of a new loading dock and entrance additions; and mechanical upgrades in the penthouse.

Consultant: Omni Architects

Contract #	A181090	Original Contract Amount:	\$272,500
Total Amendments to Date:	6	Cumulative Amendment Amount:	\$4,121,401
Describe all Amendments:		Revised Contract Amount:	\$4,393,901

Amendment 1, 3/1/18, an increase of \$1,676,074 was approved for additional design services as required to provide remaining phases of design, bidding, and construction administration. This amendment also provides for additional reimbursable services associated with plan review and special inspections. Amendment 2, 6/21/18, an increase of \$472,825 was approved for additional design services as required for additional construction scope to include additional daylight, views, and finishes, the partial penthouse, replacement of the third floor skin, and replacement of the roof as well as relocation of the rooftop observatory. Amendment 3, 10/18/18, an increase of \$15,000 was approved for additional design of the laboratory spaces. Amendment 4, 1/15/19, an increase of \$1,772,527 was approved for additional design and construction administration services associated with additional project scope to upgrade building envelope and infrastructure. Also included are a site survey, a smoke evacuation model, and storm water MS4 permitting. Amendment 5, 7/19/19, an increase of \$53,225 was approved for additional design fees for changes to the existing scope of the research lab and for new scope related to tenant fit-up of the Einstein's Bagel space. The amendment also provides additional reimbursable services for geotech exploration and smoke evacuation modeling. Amendment 6, 1/17/20, an increase of \$131,750 was approved to provide additional special inspections and an addition of audio-visual design services. **Amendment 7, 4/23/20, an increase of \$14,000 was approved for additional design services related to changes to the existing scope of the research lab.**

Contractor: Wehr Constructors, Inc.

Note: This is a "CM-At-Risk" contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract #	7500136893	Original Contract Amount:	\$44,122,508
Total Change Orders to Date:	78	Cumulative Change Order Amount:	\$954,627
Low Bid:		Revised Contract Amount:	\$45,077,135
High Bid:		Contract % complete:	35%
Number of Bids:			

Describe all change orders greater than \$25,000.00:

Change Order # 10, 4/12/19, was approved for a decrease of \$32,864 to provide a credit associated with allowances not utilized during trade package buyout. Change Order # 12, 4/18/19, was approved for an increase of \$309,577 for electrical work moved to bid package one, allowing the work to happen over the summer period of the academic calendar. Change Order # 13, 5/28/19, was approved for an increase of \$247,620 for demolition work moved to bid package one, allowing for the work to happen over the summer period of the academic calendar. Change Order # 28, 3/24/20, was approved for an increase of \$55,166 to adjust the value of the contract to reflect the actual costs for drilled piers installed at the south entrance addition. The incurred expenses were due to subsurface conditions. **Change Order # 31, 4/2/20, was approved for an increase of \$25,966 to provide controls associated with the scope change related to the addition of Einstein Bagels. Change Order # 33, 4/1/20, was approved for a decrease of \$25,016 to provide a credit for the emergency shut-off valves for the nitrogen and carbon dioxide supplies as they are not required. Change Order # 38, 4/17/20, was approved for an increase of \$333,728 to provide for costs associated with polychlorinated biphenyls material (PCB) testing of the concrete substrate at existing opening to comply with the EPA's PCB abatement plan. Change Order # 59, 6/10/20, was approved for a decrease of \$254,126 to provide a credit associated with scope overlap identified during post-bid meetings with low bid trade contractors.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Enoch Grehan Journalism Building)

Project Number: 2446.20

Project Description: Scope: \$22,000,000

The modernization of the Grehan Building will completely restore and modernize the 1950's building, providing a modern and flexible building in the heart of campus. A connector between the Grehan Building and McVey Hall will complete Americans with Disabilities Act (ADA) regulated access to these two buildings and provide gathering spaces for students.

Consultant: Murphy Group Architects

Contract # A181140	Original Contract Amount:	\$1,606,000
Total Amendments to Date: 2	Cumulative Amendment Amount:	\$34,750
Describe all amendments :	Revised Contract Amount:	\$1,640,750

Amendment 1, 6/13/19, an increase of \$19,750 was approved to provide additional special inspections and hardware commissioning. **Amendment 2, 5/22/20, an increase of \$15,000 was approved for additional design services related to changes in scope associated with the connector corridor.**

Contractor Turner Construction Co.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500143449	Original Contract Amount:	\$17,229,810
Total Change Orders to Date: 094	Cumulative Change Order Amount:	\$456,419
Low Bid:	Revised Contract Amount:	\$17,686,229
High Bid:	Contract Percent Complete:	100%

Number of Bids:

Describe all change orders greater than \$25,000.00:

Change Order # 31, 4/12/19, was approved for an increase of \$50,109 to provide additional floor boxes, projector and screen, duplex receptacles, and telecommunication receptacles, allowing the classrooms to be more flexible and accommodate multiple teaching methods. Change Order # 39, 6/3/19, was approved for an increase of \$85,040 to provide all work associated with making the connection from the new connector into the McVey Building at the first level. Change Order # 44, 7/1/19, was approved for an increase of \$39,080 to provide additional light fixtures for stair A from corner to corner and from top of base to the ceiling above. Change Order #744, 11/12/19 was approved for an increase of \$38,214 to provide a urethane coating system on the existing Grehan roof for added protection. **Change Order # 93, 4/17/20 was approved for a decrease of \$192,578 to provide a credit for unused allowances.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Building Mechanical Systems (Agriculture North HVAC) Capital Project

Project Number: 2508.00

Project Description: Scope: \$7,270,000

Originally constructed in 1964, Agriculture Science Center North consisted of 10 air handling units with constant volume reheat boxes and individual exhaust fans serving numerous different spaces. Those units have severely deteriorated and are affecting building air quality and pressurization. This phased project will replace and combine existing equipment that has reached its useful life cycles.

Consultant: CMTA Engineers

Contract # A191130	Original Contract Amount:	\$660,150
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$660,150
No amendments this quarter.		

Contractor Lagco Inc.

Contract # 7500221543	Original Contract Amount:	\$4,019,100
Total Change Orders to Date: 009	Cumulative Change Order Amount:	\$40,324
Low Bid: \$4,019,100	Revised Contract Amount:	\$4,059,424
High Bid: \$5,434,659	Contract Percent Complete:	45%
Number of Bids: 2		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Improve Campus Parking & Transportation System - 2020 Maintenance Capital Project

Project Number: 2534.00

Project Description: Scope: \$1,750,000

This project will complete the third year of the master plan. Work on the various structures will include installation of supporting steel, completion of the concrete repairs, installation of surface coatings, completion of masonry repairs, painting as required, and other miscellaneous work that will extend the life and serviceability of the various parking structures.

Consultant: THP Limited, Inc.

Contract # A181150	Original Contract Amount:	\$108,950
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$108,950
No amendments this quarter.		

Contractor Carl Walker Construction

No construction contract awarded to date.

Contract # 7500237840	Original Contract Amount:	\$1,340,217
Total Change Orders to Date: 001	Cumulative Change Order Amount:	-\$12,844
Low Bid: \$1,340,217	Revised Contract Amount:	\$1,327,373
High Bid: \$1,994,920	Contract Percent Complete:	63%
Number of Bids: 3		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Center for Applied Energy Research Facilities Capital Project (Laboratory Building #1 Chiller Replacement)

Project Number: 2527.00

Project Description:

Scope: \$1,140,000

This project will replace the chiller unit in Laboratory Building #1 at the University's Center for Applied Energy Research (CAER). This building was constructed in 1975 and the original chiller was upgraded approximately 20 years ago. The chiller is water-cooled and uses a roof-mounted cooling tower that also will be replaced. As the only available chiller, the appropriate temperature cannot be maintained in the research facility. The current unit will be replaced with two 225-ton air-cooled chillers that will meet the current building load and provide 10 percent additional capacity. Installing two chillers also will provide flexibility should one chiller go offline as the remaining chiller would have 60 percent of the required capacity to temporarily support the building.

Consultant: CMTA Engineers

Contract # A201090	Original Contract Amount:	\$89,500
Total Amendments to Date: 1	Cumulative Amendment Amount:	\$3,675
Describe all amendments :	Revised Contract Amount:	\$93,175

Amendment 1, 5/28/20, an increase of \$3,675 was approved for the addition of special inspection services.

Contractor Lagco, Inc.

Contract # 7500237400	Original Contract Amount:	\$829,600
Total Change Orders to Date: 001	Cumulative Change Order Amount:	\$4,066
Low Bid: \$829,600	Revised Contract Amount:	\$833,666
High Bid: \$1,083,000	Contract Percent Complete:	24%
Number of Bids: 4		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Civil/Site Infrastructure - Library Drive Extension Phase I Capital Project

Project Number: 2512.00

Project Description:

Scope: \$4,000,000

This project will extend Library Drive to intersect with Washington Avenue. The extension is necessary to alleviate traffic on Rose Street from Columbia Avenue to Funkhouser Drive which will allow for safer pedestrian traffic through this area of campus. The project also includes replacing and upgrading chilled water lines under the Library Drive extension, which will provide extra capacity, better balance, and flow.

Consultant: Bell Engineering

Contract # A191200

Original Contract Amount: \$515,119

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$515,119

No amendments this quarter.

Contractor Marrillia Design & Construction

Contract # 7500223649

Original Contract Amount: \$2,520,000

Total Change Orders to Date: 007

Cumulative Change Order Amount: \$107,587

Low Bid: \$2,520,000

Revised Contract Amount: \$2,627,587

High Bid:

Contract Percent Complete: 70%

Number of Bids: 1

Describe all change orders greater than \$25,000.00:

Change Order # 1, 3/25/20, was approved for an increase of \$30,495 to add two additional elbows in each 12" chilled water main to miss the storm and water at vault CW302. **Change Order # 3, 4/21/20, was approved for an increase of \$51,887 to relocate the vault to the south and offset the new chilled water lines away from existing duct banks.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Clinical/Ambulatory Service Pool Capital Project (Cancer Services)

Project Number: 2500.00

Project Description: Scope: \$15,484,734

The project will address expansion of clinical services and the relocation of support and administrative services within the Markey Center and Chandler Hospital Complex including the following buildings: Roach, Whitney Hendrickson, Davis Mills, and Combs as well as other areas of Chandler Hospital. This will provide additional outpatient service space and create a permanent location for PET scanning.

Consultant: JRA Architects

Contract # A191080	Original Contract Amount:	\$643,163
Total Amendments to Date: 3	Cumulative Amendment Amount:	\$364,398
Describe all amendments :	Revised Contract Amount:	\$1,007,560

Amendment 1, 10/15/18, an increase of \$4,900 was approved for additional design services as required to provide a planning study for the relocation of the specialty pharmacy. The relocation is necessary to allow space for the Cancer Center pharmacy which is a component of the project. Amendment 2, 3/7/19, an increase of \$299,638 was approved for additional design services for some redesign, the addition of bidding and construction administration services, and additional design services related to programming work for relocating an existing Specialty Pharmacy enabling project. Amendment 3, 11/7/19, an increase of \$59,860 was approved to provide additional design services as required to redesign the PET/CT phase of the project to address several logistical issues with location and construction of the PET/CT on the second floor of Pavilion H. **No amendments this quarter.**

Contractor Wehr Constructors, Inc.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500186356	Original Contract Amount:	\$9,197,764
Total Change Orders to Date: 056	Cumulative Change Order Amount:	\$460,139
Low Bid:	Revised Contract Amount:	\$9,657,903
High Bid:	Contract Percent Complete:	41%
Number of Bids:		

Describe all change orders greater than \$25,000.00:

Change Order # 15, 11/19/19, was approved for an increase of \$39,538 to expand Communications Closet CC191A in the Roach Building. Change Order # 20, 12/4/19, was approved for an increase of \$46,587 to install a split system HVAC unit to serve the expanded communications room CC191A in the Roach Building. Change Order # 44, 3/31/20, was approved for an increase of \$33,118 to provide various changes necessary to accommodate furniture layout. These changes include corner guards, data and electrical modifications, and trim. **No change orders greater than \$25,000 this quarter. No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Good Samaritan Hospital Facilities (UK Healthcare Good Samaritan Interventional Radiology) Capital Project

Project Number: 2517.00

Project Description:

Scope: \$5,800,000

This project will expand the clinical services available at the UK HealthCare Good Samaritan (UKGS) campus by renovating an area in the main facility to create patient preparation/recovery bays and install an Interventional Radiology (IR) suite. The patient volume at UKGS continues to grow. Currently, UKGS inpatients who need IR services are transported to the UK HealthCare Chandler campus for necessary procedures. Given the ongoing and predicted future needs of UKGS, expanded IR capabilities are required within the hospital facility. Expanded onsite services will decrease current inefficiencies and timing factors related to coordination and transportation of inpatients for these services and improve operational efficiencies by supporting both inpatient and outpatient populations within the main UKGS facility.

Consultant: Stengel Hill Architecture

Contract # A191180

Original Contract Amount: \$212,800

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$212,800

No amendments this quarter.

Contractor Wehr Constructors, Inc.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500198234

Original Contract Amount: \$413,352

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$413,352

High Bid:

Contract Percent Complete:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Good Samaritan Hospital Facilities (UKGS Magnetic Resonance Imaging)

Project Number: 2501.00

Project Description:

Scope: \$7,465,122

This project will address expansion of clinical services available at the UK HealthCare Good Samaritan (UKGS) campus by renovating an area in the main facility and installing up to two Magnetic Resonance Imaging (MRI) machines. The patient volume at UKGS continues to grow and expand. Current UKGS in-patients who need MRI services are transported to the main UK HealthCare Chandler campus for necessary testing. Outpatients have access to limited scope MRI testing within the Professional Arts Center (PAC) building on a machine that is past its useful life. As a result of the ongoing and forecasted future needs of this campus, expanded MRI capabilities are necessary within the hospital facility. Expanded onsite services will decrease the current inefficiencies and delays related to coordination and transportation of inpatients offsite for these MRI services.

Consultant: Stengel-Hill Architecture

Contract # A191100	Original Contract Amount:	\$231,875
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$231,875

Amendment 1, 4/20/20, an increase of \$22,000 was approved for additional design and construction administration for work associated with the Mobile Central Sterile Unit, and the addition of special inspection services.

Contractor Wehr Constructors, Inc.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500198232	Original Contract Amount:	\$3,068,541
Total Change Orders to Date: 036	Cumulative Change Order Amount:	\$306,917
Low Bid:	Revised Contract Amount:	\$3,375,458
High Bid:	Contract Percent Complete:	93%
Number of Bids:		

Describe all change orders greater than \$25,000.00:

Change Order # 1, 2/3/20, was approved for an increase of \$45,607 to provide design revisions necessary to accommodate the installation of the mobile sterile unit. These revisions include changes to the walkway and ramp, the addition of water softeners to the water heater design, revision of heat trace, and changes in power and communications configurations. Change Order # 9, 3/23/20, was approved for an increase of \$40,482 to install a new ceiling system as use of the existing system was not feasible due to rusted grid and compromised ceiling tiles. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Good Samaritan Hospital Facilities Capital Project (Third Floor Renovation)

Project Number: 2542.00

Project Description:

Scope: \$2,200,000

The patient volume at UK HealthCare Good Samaritan Hospital (UKGSH) continues to grow. This Project will address patient over-crowding with renovation of acute care beds. The Project encompasses the renovation of 13,490 square feet of existing space on the third floor of Wing B at UKGSH. The scope includes the relocation of a Dialysis Suite, upgrades to 30 patient rooms, Wing B finishes, new staff support spaces, a public restroom (compliant with the American with Disabilities Act Accessibility (ADA Guidelines)), and a communication closet. The Project will be completed in phases to minimize any negative impact on patient care.

Consultant: JRA Architects

Contract # A201000T

Original Contract Amount:

\$21,740

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$21,740

No amendments this quarter.

Contractor Omni Commercial LLC

Contract # 7500239311

Original Contract Amount:

\$967,000

Total Change Orders to Date: 012

Cumulative Change Order Amount:

\$280,158

Low Bid: \$967,000

Revised Contract Amount:

\$1,247,158

High Bid: \$1,108,000

Contract Percent Complete:

16%

Number of Bids: 4

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Mechanical Infrastructure (Central Campus Utilities) Capital Project

Project Number: 2493.00

Project Description:

Scope: \$8,625,000

The project will relocate all utilities (chilled water, steam, domestic water, natural gas, electric, and communications) out of the Kirwan-Blanding Residential Complex and Commons. The Kirwan-Blanding Complex has been decommissioned and is slated for demolition. In order to proceed with the demolition, all utilities will need to be relocated out of the complex to maintain uninterrupted service to buildings in the adjacent area.

Consultant: Staggs & Fisher

Contract # A181160

Original Contract Amount:

\$505,000

Total Amendments to Date: 1

Cumulative Amendment Amount:

\$158,754

Describe all amendments :

Revised Contract Amount:

\$663,754

Amendment 1, 12/19/18, an increase of \$158,754 was approved for project bidding, contract administration, and KBC Plan Review fee. **No amendments this quarter.**

Contractor Lagco, Inc.

No construction contract awarded to date.

Contract # 7500203355

Original Contract Amount:

\$7,215,900

Total Change Orders to Date: 018

Cumulative Change Order Amount:

-\$3,308,973

Low Bid: \$7,215,900

Revised Contract Amount:

\$3,906,928

High Bid: \$10,990,000

Contract Percent Complete:

90%

Number of Bids: 2

Describe all change orders greater than \$25,000.00:

Change Order # 1, 9/20/19, was approved for a decrease of \$494,226 to provide a credit for a portion of construction fencing provided by another project, a change from provision of a temporary boiler and chiller to temporary steam piping, and a change from provision of Permapipe to Gilsulate on the buried piping systems. Change Order # 3, 10/30/19, was approved for an increase of \$25,033 to provide a new power feed to the existing electric manhole system. Change Order # 4, 10/31/19, was approved for a decrease of \$32,422 to provide a credit to delete the communications duct bank between manholes U9 and U134. Change Order # 10, 1/24/20 was approved for an increase of \$33,376 to provide and install 288 fiber strands and termination hardware to maximize the space in the duct bank system. Change Order # 12, 3/6/20 was approved for an increase of \$39,671 to remove the temporary cap from the reinforced concrete roadway cap and replace with asphalt pavement. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Memorial Coliseum (Design Only) Capital Project

Project Number: 2520.00

Project Description:

Scope: \$4,000,000

This project will initiate the design phase of the Improve Memorial Coliseum Capital Project. The facility, which opened in 1950, was built as a memorial to Kentuckians who had died in World War I, World War II, and the Korean War. The facility once served as the home to the Kentucky men's basketball program which won two national championships while occupying the building (1951 and 1958). This historic facility now is home to competition for three women's athletics teams: women's basketball (since 1974), gymnastics, and volleyball. The restoration and improvement of this historic property is likely to include enhanced amenities, a revived tribute to fallen Kentuckians who lost their lives in military service, climate control, modern seating, and other enhancements to benefit student-athletes and the public attending athletics and community events in the facility. The project also will include many system-related upgrades such as life safety, security, lighting, and sound. The renovation will encompass the entire building including offices and academic functions, as well as building envelop and site upgrades. It will also include upgrades to the CATS' Center and the Women's Basketball Locker Room suite located in the connected Craft Center.

Consultant: RossTarrant Architects

Contract # A201110

Original Contract Amount: \$715,080

Total Amendments to Date: 1

Cumulative Amendment Amount: \$2,154,715

Describe all amendments :

Revised Contract Amount: \$2,869,795

Amendment 1, 12/18/19, an increase of \$2,154,715 was approved to provide consulting services for design development through bidding and reimbursable allowances for special inspections, hazardous materials survey, existing materials testing, plan review fees, and geotechnical exploration. **No amendments this quarter.**

Contractor Congleton Hacker Company

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500220804

Original Contract Amount: \$90,000

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$90,000

High Bid:

Contract Percent Complete:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve Student Center Space 1 - Harris Ballroom

Project Number: 2506.00

Project Description:

Scope: \$4,700,000

The University's Student Center was originally constructed in 1938 and expanded in 1963 and 1982. It was further expanded and renovated in 2018 to more than 378,000 square feet, including an atrium, recreation area, lounges, conference facilities, entertainment venues, retail space, food service, bookstore, student organization spaces, and administrative support offices. The Center is heavily used by the University community and others with almost two million visitors annually. The Grand Ballroom in the newly expanded Student Center provides unique opportunities for multipurpose meeting space, but is unable to meet the growing demand for large multi-functional spaces on campus. The 2018 expansion/renovation project provided schematic design of the Harris Ballroom, but was unable to fit out this space due to budget constraints. Subsequently, the Harris Ballroom is currently a "shell space" in the Student Center. Completion is necessary at this time due to the extremely high demand for large multi-functional space at the University.

Consultant: Omni Architects

Contract # A191120

Original Contract Amount: \$391,140

Total Amendments to Date: 1

Cumulative Amendment Amount: \$4,305

Describe all amendments :

Revised Contract Amount: \$395,445

Amendment 1, 9/30/19, an increase of \$4,305 was approved to provide special inspections for fireproofing and penetrations. **No amendments this quarter.**

Contractor Marrillia Design & Construction

Contract # 75002111614

Original Contract Amount: \$3,524,000

Total Change Orders to Date: 011

Cumulative Change Order Amount: \$38,265

Low Bid: \$3,524,000

Revised Contract Amount: \$3,562,265

High Bid: \$3,524,000

Contract Percent Complete: 99%

Number of Bids: 1

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renew/Modernize Facilities - Cooper House Capital Project

Project Number: 2511.10

Project Description:

Scope: \$4,000,000

This project will renovate the Cooper House for the College of Agriculture, Food, and Environment. Cooper House, located on the corner of Nicholasville Road and Cooper Drive, was constructed in approximately 1880 and acquired by UK in 1940. The building is on the University's list of historical structures and was home to Dean Thomas Poe Cooper for whom the House is named. Currently the house is vacant and is in need of renovation. The renovation and restoration of the Cooper House will include a reception area to welcome prospective students, faculty, visitors, and industry partners; meeting rooms; and, space to showcase goods and products.

Consultant: Lord Aeck Sargent

Contract # A191170

Original Contract Amount:

\$297,096

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$297,096

No amendments this quarter.

Contractor

No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renew/Modernize Facilities - Reynolds Building #1 (Design Only) Capital Project

Project Number: 2511.20

Project Description:

Scope: \$3,400,000

This project will renovate the existing Reynolds Building #1 for the College of Design thus allowing the College to consolidate from four buildings to one building. This renewal of the Reynolds Building will provide an adaptive re-use of a historic structure continuing the concept of an arts and design district on campus. The renovation will include a small addition for vertical access and student commons space. The design will create large, open spaces for studios, classrooms, offices, and other support spaces for current and future programs.

Consultant: K. Norman Berry Associates Architects PLLC

Contract # A201070

Original Contract Amount:

\$2,659,341

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$2,659,341

No amendments this quarter.

Contractor Turner Construction Co.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500232559

Original Contract Amount:

\$128,350

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

\$128,350

High Bid:

Contract Percent Complete:

Number of Bids:

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renew/Modernize Facilities - Scovell Hall (Design Only) Capital Project

Project Number: 2511.30

Project Description:

Scope: \$4,000,000

This project will be the design phase of Scovell Hall for use by the College of Public Health, allowing the College to consolidate from multiple locations on campus and provide needed room for program expansion. The modernization will revitalize the facility by providing new mechanical, electrical, and other building systems. The interior space will be configured to facilitate today's educational needs while remaining flexible to allow future change. Those spaces will include offices, classrooms, student spaces, and other support spaces to support the College of Public Health's current and future needs.

Consultant: JRA Architects

Contract # A201120

Original Contract Amount: \$2,632,800

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$2,632,800

Amendment 1, 1/17/20, a zero dollar increase/ decrease was approved to move reimbursable services from the building scanning allowance to the subsurface investigations allowance. **No amendments this quarter.**

Contractor

No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

Describe all change orders greater than \$25,000.00:

Renew/Modernize Facilities Capital Project (Campus Enabling)

Project Number: 2511.70

Scope: \$5,100,000

Project Description:

This project will include the replacement and upgrade of steam, chilled water, communications and electric on Rose Street from Huguelet Drive to Columbia Drive. This will allow for extra capacity, better balance and flow, along with redundancy.

Consultant: Staggs & Fisher

Contract #	A201210	Original Contract Amount:	\$367,800
Total Amendments to Date:		Cumulative Amendment Amount:	\$0
Describe all Amendments:		Revised Contract Amount:	\$367,800

No amendments this quarter.

Contractor 1: Dixon Electric, Inc. (Electrical)

Contract # 1	7500241886	Original Contract Amount:	\$1,072,657
Total Change Orders to Date:	7	Cumulative Change Order Amount:	\$165,487
Low Bid:	\$1,072,657	Revised Contract Amount:	\$1,238,144
High Bid:	\$2,197,200	Contract % complete:	29%
Number of Bids:	6		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Contractor 2: Lagco, Inc. (Steam & Chilled Water)

Contract # 2	7500243848	Original Contract Amount:	\$1,857,800
Total Change Orders to Date:		Cumulative Change Order Amount:	\$0
Low Bid:	\$1,857,800	Revised Contract Amount:	\$1,857,800
High Bid:	\$2,895,700	Contract % complete:	
Number of Bids:	4		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renew/Modernize Facilities Capital Project (Patterson Office Tower)

Project Number: 2511.60

Project Description:

Scope: \$4,000,000

The 13,124 square foot 18th floor currently includes conference rooms and restrooms and is the highest occupied floor of the Patterson Office Tower. It will be renovated and modernized to include offices, conference room and restrooms with the space similar to the lower floors. It is expected to have approximately 48 offices, conference spaces, restroom and desired supporting spaces.

Consultant: JRA Architects

Contract # A201240

Original Contract Amount: \$258,520

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$258,520

No amendments this quarter.

Contractor Sunesis Environmental LLC

Contract # 7500244955

Original Contract Amount: \$92,000

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$92,000

Revised Contract Amount: \$92,000

High Bid: \$135,000

Contract Percent Complete:

Number of Bids: 9

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renew/Modernize Facilities Capital Project (Quad Study)

Project Number: 2511.90

Project Description:

Scope: \$1,000,000

This project will perform a study to assess the scope of work required to repurpose the Quadrangle, which is made up of Bradley Hall, Bowman Hall, Breckinridge Hall, and Kinkead Hall, for various University tenants and uses. The quadrangle was originally constructed as student dormitories but was later used by various departments for office use. This study will include evaluation of the facilities' physical conditions; it will further assess potential sustainable features; and will identify building code and life safety deficiencies of each building and what is necessary to bring them within compliance. The study is to include a conceptual design of one of the buildings (which one is yet to be determined) in order to develop a rational scheme for re-adaptable use. The study shall include the design team's cost opinion for repurposing of each of the buildings making up the Quadrangle.

Consultant: Lord Aeck Sargent

Contract # A201220

Original Contract Amount:

\$419,979

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$419,979

No amendments this quarter.

Contractor

No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renew/Modernize Facilities Capital Project (White Hall Classroom Building Phase 1)

Project Number: 2511.50

Project Description:

Scope: \$5,000,000

The renovation will entail improvements to the public restrooms in the basement, first, second and third floors. In addition, a Master Plan study to renew and modernize the building to include the interior and exterior is to be completed. The goal of the Master Plan is to position the University for a larger modernization project in the future.

Consultant: JRA Architects

Contract # A201230

Original Contract Amount:

\$341,402

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$341,402

No amendments this quarter.

Contractor Sunesis Environmental, LLC.

Contract # 7500244954

Original Contract Amount:

\$65,000

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$65,000

Revised Contract Amount:

\$65,000

High Bid: \$155,000

Contract Percent Complete:

Number of Bids: 9

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Renovate Warehouse Space (Phase two) Capital Project

Project Number: 2514.10

Project Description:

Scope: \$1,795,000

The first phase of renovations included life safety and code improvements, security upgrades, roof repairs, data installation, and general maintenance repairs. Multiple groups have been relocated to the space including Stores, Surplus, Trucking & Recycling, UKHealthCare, and others. This next phase will continue general improvements and fit-up space for relocation of postal services.

Consultant: JRA Architects

Contract # A201000T #20-1

Original Contract Amount:

\$47,400

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$47,400

No amendments this quarter.

Contractor Dean Builds, Inc.

Contract # 7500220146

Original Contract Amount:

\$1,283,000

Total Change Orders to Date: 022

Cumulative Change Order Amount:

\$117,837

Low Bid: \$1,283,000

Revised Contract Amount:

\$1,400,837

High Bid: \$1,355,750

Contract Percent Complete:

100%

Number of Bids: 5

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Student Center Capital Project

Project Number: 2396.00

Project Description:

Scope: \$201,250,000

The University's Student Center was originally constructed in 1938 and expanded in 1968 and 1982. The Student Center is heavily used by the entire University community with over 2,000,000 visitors annually. However, the approximately 260,000 square foot facility is no longer able to fully meet the needs of students, faculty, staff and other constituents in terms of quantity and quality of space. This project will include selective demolition, expansion and renovation of the Student Center. Alumni Gym will be renovated and incorporated into the new Student Center. The project is expected to expand the University's Student Center to more than 378,000 square feet and will include an atrium, recreation area, lounges, conference facilities, entertainment venues, retail space, food service, bookstore, student organization space and administrative support offices.

Consultant: Omni Architects

Contract # A141210

Original Contract Amount: \$10,104,022

Total Amendments to Date: 5

Cumulative Amendment Amount: \$2,508,596

Describe all amendments :

Revised Contract Amount: \$12,612,618

Amendment 1, 11/10/15, an increase of \$1,601,572 was approved for additional design services associated with the new visitor's center, underground loading dock, expansion of all-you-can-eat dining, student center organizations, food service, and theaters. These design services also include increased scope of work associated with the historical structure of Alumni Gym and the 1938 section of the Student Center as well as the mitigating and managing of the existing storm culvert. Amendment 2, 2/9/16, an increase of \$98,517 was approved to provide structural frame analysis, footing analysis, and compaction testing of existing soils in both Alumni Gym and the 1938 Student Center. Amendment 4, 10/24/16, an increase of \$425,000 was approved for additional design services associated with branding, wayfinding, and signage, existing structural deficits, door commissioning, addition of air handlers 6 & 7 to the Harris Ballroom Mezzanine, fit-up of shell space for the relocated Wildcat Pantry, relocation of Stoll Field Band Tower to Shively Field, and modification of Barnes & Noble space. Also included is additional construction administration services. Amendment 5, 3/14/18, an increase of \$77,631 was approved to provide additional construction administration services. Amendment 6, 5/22/19, an increase of \$306,146 was approved to provide additional consulting services necessary as a result of completing construction work in phases and additional special inspections. **No amendments this quarter.**

Contractor Messer Construction Co.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500038441

Original Contract Amount: \$159,391,604

Total Change Orders to Date: 606

Cumulative Change Order Amount: \$13,427,107

Low Bid:

Revised Contract Amount: \$172,818,711

High Bid:

Contract Percent Complete: 100%

Number of Bids:

Describe all change orders greater than \$25,000.00:

Change Order # 329, 9/1/17, was approved for an increase of \$42,735 to provide various mechanical, electrical, and plumbing (MEP) changes required to meet Subway's updated corporate retail brand image. Change Order # 331, 9/1/17, was approved for an increase of \$45,931 to provide duct modifications and rework along with hanger relocation. The rework was revealed necessary as a result of building information modeling (BIM). Change Order # 334, 9/1/17, was approved for an increase of \$26,005 to provide the interconnecting piping between BP1 & BP3 utilities. The entrance locations changed between the issuance of the two bid packages. Change Order # 331, 11/13/17, was approved for an increase of \$48,251 to provide duct modifications and hanger relocation for Area C3/D3 and modification of the steam lines in Area E1. Change Order # 349, 10/9/17, was approved for an increase of \$29,191 to provide structural modifications necessary for the glass canopies to coordinate with curtain wall mullion locations and to provide additional cantilevered glass canopies. Change Order # 353, 10/23/17, was approved for an increase of \$81,613 to revise the wall mounted LED handrails to post mounted LED handrails. Change Order # 356, 11/2/17, was approved for an increase of \$40,863 to revise the mechanical venting and electrical infrastructure in Area

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

C and D to accommodate the revised outdoor fireplace models. Change Order # 448, 1/24/18, was approved for an increase of \$78,785 to provide a 1 temporary 1 hour rated partition. Change Order # 458, 2/2/18, was approved for an increase of \$31,167 to provide a cold water line and sump pump for the commercial washer area in Area A. Change Order # 462, 2/7/18, was approved for an increase of \$47,058 to provide for changes to the hardware for the digital kiosk. The ELO interactive touchscreen provides more desired long term functionality than the Viewsonic product line. Change Order # 463, 2/7/18, was approved for a decrease of \$29,232 to provide a credit for overhead and profit markup incorrectly charged on previous change orders. Change Order # 464, 2/9/18, was approved for an increase of \$27,524 to provide for changes necessary to coordinate audiovisual equipment and installation between bid pack's 3 & 4. Change Order # 466, 2/9/18, was approved for an increase of \$58,261 to provide for a model change for four ovens in the catering kitchen. Change Order # 471, 2/16/18, was approved for an increase of \$25,385 to provide additional electrical and data outlets necessary for the point of sale system and to provide power for food service equipment. Change Order # 475, 2/23/18, was approved for an increase of \$37,213 to wax the epoxy terrazzo floors in phase 2 and phase 3 areas. Change Order # 479, 2/26/18, was approved for an increase of \$40,250 to provide additional lead abatement necessary in areas A and B. Change Order # 481, 3/6/18, was approved for an increase of \$66,733 to upgrade the street lighting to match the upcoming future street improvements along Avenue of Champions/Euclid. Change Order # 505, 3/28/18, was approved for an increase of \$45,779 provide concrete pads at ADA bollards in specific locations. The bollards cannot attach directly to brick or smaller concrete pavers and need to be secured to concrete in these locations. Change Order # 506, 3/28/18, was approved for an increase of \$42,335 to adjust framing, blocking, and openings in the Cinema per the audiovisual requirements. This is to achieve Dolby Digital certification and optimal sound and viewing. Change Order # 507, 3/30/18, was approved for an increase of \$108,373 to add 3/4" fire-treated plywood strips for the fabric panels in the Cinema. This is necessary for attachment. Change Order # 510, 4/2/18, was approved for an increase of \$45,027 to provide additional load support by increasing the stud gauge thickness for exterior cold form metal framing at brick veneer locations. Change Order # 512, 4/4/18, was approved for an increase of \$203,912 to backfill the soil removed during abatement for utilities along Avenue of Champions. Change Order # 513, 4/11/18, was approved for an increase of \$56,761 provide extended temporary utility service to the site, building, and Messer office trailers. Change Order # 521, 4/16/18, was approved for an increase of \$40,304 to provide a one hour fire partition at two locations in the Blue Box Theater and an added shaft wall in Stair D. Change Order # 522, 4/16/18, was approved for an increase of \$62,136 to add electrical connections to smoke dampers and hold opens omitted from Bid Pack 3. Change Order # 528, 5/2/18, was approved for an increase of \$34,949 to provide miscellaneous electrical changes including a disconnect switch for a grill furnished by Aramark, conduit re-route in shell space, integration and remote observation of automatic throwover controls on power switchboards. Change Order # 532, 5/11/18, was approved for an increase of \$25,048 to provide additional duct and insulation due to revision of the cross bracing in area A2. Change Order # 540, 5/25/18, was approved for an increase of \$29,376 to change the entry door type to Barnes and Noble from wood to aluminum glazed doors allowing increased visibility into the store. Change Order # 542, 5/25/18, was approved for an increase of \$37,945 to provide additional door hardware to the Area B entry doors and vestibule to the Great Hall necessary due to use of salvaged original art-deco doors. Change Order # 549, 6/4/18, was approved for a decrease of \$46,957 to provide a credit for the Bluebox Theater curtains. The curtains will be ordered later when they can be field verified to properly fit. Change Order # 553, 6/11/18, was approved for an increase of \$37,291 to adjust framed walls and openings in Bid Pack 3 to accommodate specific micro tile configuration and product requirements in Bid Pack 4. Change Order # 559, 6/27/18, was approved for an increase of \$47,260 to provide conduit in areas unable to maintain the required cable tray clearance. Change Order # 560, 7/6/18, was approved for an increase of \$117,275 to provide a higher quality media player for the Microtile wall in the presentation lounge that will provide enhanced capabilities for the Visitor Center use. The change was necessary due to discontinuation of the originally selected media player. Change Order # 568, 9/4/18, was approved for an increase of \$47,059 to modify the decorative glass in Area B Level 2 identifying the student organizations. Also in lieu of decorative glass the branding walls adjacent to the Bluebox Theater will receive a vinyl wall covering utilizing graphic content. Change Order # 572, 9/24/18, was approved for an increase of \$26,047 to provide additional code, room, and overhead signage. Also provides for dimensional letters for named spaces. Change Order # 578, 10/11/18, was approved for an increase of \$27,016 to provide connection and power modifications necessary to coordinate with the audio-visual rack needs. Change Order # 580, 10/10/18, was approved for an increase of \$30,796 to provide additional signage as well as necessary wiring and lighting modifications. Change Order # 605, 7/8/19, was approved for an increase of \$42,033 to provide an increase for the dumpster allowance. Change Order # 606, 8/12/19, was approved for an increase of \$84,327 to provide code related safety changes necessary to allow temporary occupancy during Phase II and III of the phased construction. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Improve Clinical/Ambulatory Services Capital Project (Brachytherapy)

Project Number: 2457.00

Project Description:

Scope: \$16,200,000

The current Brachytherapy suite in the basement of the Roach Cancer Care Facility (Markey) was not upgraded as part of the Radiation Medicine capital project completed in 2009. The new space in Chandler Hospital will be renovated and expanded to create updated procedural and treatment space with state of the art equipment. The renovations will enhance patient care areas, create efficient staff space, and upgrade the HVAC and electrical systems to support the services.

Consultant: JRA Architects

Contract # A171120

Original Contract Amount: \$848,700

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$848,700

No amendments this quarter.

Contractor: The Whiting Turner Contracting Company

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500129878

Original Contract Amount: \$9,624,984

Total Change Orders to Date: 046

Cumulative Change Order Amount: \$185,077

Low Bid:

Revised Contract Amount: \$9,810,061

High Bid:

Contract Percent Complete: 99%

Number of Bids:

Describe all change orders greater than \$25,000.00:

Change Order # 7, 11/2/18, was approved for a decrease of \$25,000 to credit the project with the remainder of the emergency cleaning allowance. Change Order # 9, 11/2/18, was approved for a decrease of \$50,000 to credit the project with a portion of the asbestos abatement allowance due to revised projections. Remaining funds will be reconciled later. Change Order # 10, 11/2/18, was approved for a decrease of \$40,000 to credit the project with a portion of the rock allowance due to revised projections. Remaining funds will be reconciled later. Change Order # 11, 11/2/18, was approved for a decrease of \$30,000 to credit the project with a portion of the miscellaneous mechanical allowance due to revised projections. Remaining funds will be reconciled later. Change Order # 12, 11/2/18, was approved for a decrease of \$30,000 to credit the project with a portion of the miscellaneous electrical allowance due to revised projections. Remaining funds will be reconciled later. Change Order # 13, 11/2/18, was approved for a decrease of \$35,000 to credit the project with a portion of the carpentry allowance due to revised projections. Remaining funds will be reconciled later. Change Order # 14, 11/19/18, was approved for an increase of \$36,605 to revise the drawings to coordinate with the linear accelerator's recently updated Halcyon Design Guide. Change Order # 19, 3/12/19, was approved for an increase of \$189,351 for temporary shielding changes necessary during construction due to high occupancy use and close proximities to the existing TrueBeam vault radiation by workers during construction. The shielding modification was determined to be the most cost effective, have the least effect on construction schedule, and provide the required radiation protection during construction. **Change Order # 42, 4/20/20, was approved for an increase of \$45,649 to repair and replace existing finishes in two toilet rooms that will now be used in a patient environment. Change Order # 43, 4/28/20 was approved for a decrease of \$45,313 to provide a credit for unused allowances.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Improve UK Good Samaritan Hospital Facilities Capital Project (Replace Air Handling Units)

Project Number: 2462.00

Project Description: Scope: \$2,000,000

Patient areas on the first, third, and fifth floors are heated and cooled by the #24 air-handling unit while the operating rooms on the fifth floor are serviced by the #54 roof top air handling unit. The replacement of the 33-year-old units will ensure patient safety and comfort, air quality, and compliance with regulatory requirements.

Consultant: CMTA Engineering Consultants

Contract # A171140	Original Contract Amount:	\$146,750
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$146,750

Amendment 1, 1/9/18, an increase of \$25,000 was approved for additional mechanical and engineering design services associated with relocating an additional air-handling unit to the penthouse. **No amendments this quarter.**

Contractor All State Heating & Cooling

Contract # 7500146000	Original Contract Amount:	\$1,473,247
Total Change Orders to Date: 004	Cumulative Change Order Amount:	\$26,831
Low Bid: \$1,473,247	Revised Contract Amount:	\$1,500,078
High Bid: \$1,643,350	Contract Percent Complete:	99%
Number of Bids: 3		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Renovate/Upgrade UK HealthCare Facilities (Phase I-I) - Endoscopy Renovation

Project Number: 2402.15

Project Description: Scope: \$15,500,000

The Endoscopy Services project requires demolition and refurbishment of the existing Endoscopy /IR suite on the 3rd floor of Pavilion H.

Consultant: GBBN Architects

Contract # A171200	Original Contract Amount:	\$1,129,500
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$1,129,500

No amendments this quarter.

Contractor

No construction contract awarded to date.

Contract #	Original Contract Amount:	
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	
High Bid:	Contract Percent Complete:	
Number of Bids:		

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-I) - Fit-up 5th & 12th Floors Pav A

Project Number: 2402.90

Project Description:

Scope: \$37,000,000

The Albert B. Chandler Hospital facilities development plan provides for the systematic replacement and renovation of patient care facilities. Since the opening of the first two patient care floors in Pavilion A of the new Patient Care Facility in May 2011, UKHealthCare (UKHC) has continued to experience strong patient demand for the delivery of its hospital system services. This volume increase has placed substantial capacity constraints on UK inpatient hospital operations. This project will help alleviate these constraints and includes the fit-up of the fifth and twelfth floors for inpatient services. This project will provide 128 inpatient beds, including 48 ICU beds.

Consultant: GBBN Architects, Inc.

Contract # A161200

Original Contract Amount: \$1,546,600

Total Amendments to Date: 2

Cumulative Amendment Amount: \$540,400

Describe all amendments :

Revised Contract Amount: \$2,087,000

Amendment 1, 2/10/20, an increase of \$217,000 was approved to provide additional design services as required to provide a feasibility and assessment study for Pavilion A space. **Amendment 2, 4/7/20, an increase of \$323,400 was approved for additional design related to change in programming, extended bidding and construction administration services, and an increase to reimbursable services.**

Contractor

No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

Describe all change orders greater than \$25,000.00:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-I) - Interventional Services Pav A, AH & G

Project Number: 2402.13

Project Description: Scope: \$53,480,000

The Interventional Services project requires the fit out of approximately 35,000 square feet of shell space on the First floor of Pavilion A of Chandler Hospital. This will include procedure rooms, prep/ recovery, as well as staff and support spaces. Also included will be an Endoscopy project that requires the refurbishment of approximately 14,000 square feet on the third floor of Pavilion H.

Consultant: GBBN Architects

Contract # A171200	Original Contract Amount:	\$3,316,500
Total Amendments to Date: 1	Cumulative Amendment Amount:	\$89,740
Describe all amendments :	Revised Contract Amount:	\$3,406,240

Amendment 1, 5/22/20, an increase of \$89,740 was approved for additional design services as required to assist in the Siemen's medical equipment coordination, for the addition of the procedure and CT scan room, and for extended construction administration services due to the extended substantial completion date.

Contractor Turner Construction Co.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500130050	Original Contract Amount:	\$18,633,250
Total Change Orders to Date: 063	Cumulative Change Order Amount:	\$781,706
Low Bid:	Revised Contract Amount:	\$19,414,956
High Bid:	Contract Percent Complete:	79%

Number of Bids:

Describe all change orders greater than \$25,000.00:

Change Order # 3, 10/11/19, was approved for an increase of \$36,842 to furnish and install spring isolation hangers at 384 new and 62 existing locations. Change Order # 6, 11/22/19, was approved for an increase of \$44,785 to furnish and install 10 additional med gas alarm panels for procedure rooms. Change Order # 14, 1/3/20, was approved for an increase of \$56,221 to expand the Area A01C007 and A01C009 cabling zones, resulting in increased cable lengths to those closets, additional grounding, the addition of a cable tray, and the installation of additional Nurse Call devices. Change Order # 19, 1/15/20, was approved for an increase of \$32,500 to remove and modify existing ductwork to complete rated wall assemblies in the supply room (A01327) and the smoke barrier boundary at the minor procedure room (A01327). **Change Order # 38, 5/1/20, was approved for an increase of \$31,528 to modify existing ductwork in the 3rd floor mechanical room to accommodate the new air-handling unit. Change Order # 41, 5/7/20, was approved for a decrease of \$82,332 to reduce the scope of technology and electrical work in phase 2 procedure rooms to reduce potential conflicts with future unknown equipment installation. Change Order # 43, 5/28/20, was approved for an increase of \$279,927 to convert procedure room 8 from a plane scanner room to a CT Scan room to address current capacity issues.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-I) - Phase 2 Radiology Services Pav A

Project Number: 2402.12

Project Description: Scope: \$11,000,000

The Radiology Phase 2 project requires the fit out of approximately 5,800 square feet of shell space on the Ground floor of Pavilion A of Chandler Hospital. This will include scan rooms as well as staff and support spaces.

Consultant: Stengel-Hill Architecture

Contract # A151150	Original Contract Amount:	\$355,000
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$355,000

No amendments this quarter.

Contractor Turner Construction Co.

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500130009	Original Contract Amount:	\$254,117
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$254,117
High Bid:	Contract Percent Complete:	
Number of Bids:		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

Repair, Upgrade or Improve Building Systems - UK Healthcare Capital Project (Pavilion H Air Handling Unit)

Project Number: 2529.00

Project Description: Scope: \$2,865,000

This Project will replace one air handling unit (AHU) in the Chandler Hospital Pavilion H. AHU #1 services the ground, first, and second floors of Pavilion H. This AHU, which is original to the building and was installed in 1959, is in poor mechanical condition with failing fans and coils, and currently does not meet the cooling load for the service area. The replacement of the units will enhance patient and staff safety and comfort, air quality, and compliance with regulatory requirements.

Consultant: CMTA Consulting Engineers

Contract # A2011601	Original Contract Amount:	\$208,500
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$208,500

No amendments this quarter.

Contractor Lagco, Inc.

Contract # 7500245397	Original Contract Amount:	\$865,900
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid: \$865,900	Revised Contract Amount:	\$865,900
High Bid: \$1,310,000	Contract Percent Complete:	
Number of Bids: 5		

Describe all change orders greater than \$25,000.00:

No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair, Upgrade, or Improve Building Systems - UK HealthCare Capital Project (Pavilion HA Air Handling Units 1, 2, and 3)

Project Number: 2503.00

Project Description:

Scope: \$4,000,000

This project will replace three air handling units (AHUs) in the Chandler Hospital Pavilion HA. AHUs 1 and 2 service the third floor (Mother Baby Unit and Obstetrics) and AHU 3 services the 4th floor Pediatric unit. These AHUs, which were installed in 1992 and 1995, respectively, are in poor mechanical condition with failing fans and coils and do not meet the cooling load for the area. The replacement of the units will ensure patient safety and comfort, air quality, and compliance with regulatory requirements.

Consultant: CMTA Consulting Engineers

Contract # A191150

Original Contract Amount:

\$298,500

Total Amendments to Date: 1

Cumulative Amendment Amount:

\$60,000

Describe all amendments :

Revised Contract Amount:

\$358,500

Amendment 1, 11/13/19, an increase of \$60,000 was approved to provide additional design and construction administration services as required to replace an additional air-handling unit. **No amendments this quarter.**

Contractor H&R Mechanical Contractors, Inc.

Contract # 7500204453

Original Contract Amount:

\$2,187,000

Total Change Orders to Date: 002

Cumulative Change Order Amount:

\$747,258

Low Bid: \$2,187,000

Revised Contract Amount:

\$2,934,258

High Bid: \$2,774,800

Contract Percent Complete:

75%

Number of Bids: 4

Describe all change orders greater than \$25,000.00:

Change Order # 1, 2/5/20, was approved for an increase of \$742,198 provide the addition of a fourth air-handling unit due to favorable bidding conditions. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Expand Central Plant - Cooling Plant #1 Tower Replacement

Project Number: 2497.00

Project Description:

Scope: \$6,900,000

This project will replace existing cooling towers at Cooling Plant #1. This utility plant is one of five that are integrated in a shared utility distribution system. This means that any facility connected to our system can be served by any of these plants. These existing cooling towers have deteriorated, and the plant cannot achieve its rated capacity. The new towers also will improve plant efficiency and reduce energy consumption. The support structure also has deteriorated and will be repaired as existing cooling towers are removed. The project will be done in phases over four years ensuring that this chilled water plant is always available.

Consultant: Staggs & Fisher

Contract # A191140

Original Contract Amount: \$533,625

Total Amendments to Date: 1

Cumulative Amendment Amount: \$212,400

Describe all amendments :

Revised Contract Amount: \$746,025

Amendment 1, 10/24/19, an increase of \$212,400 was approved to provide bidding and construction administration fee. Original contract included design services only. **No amendments this quarter.**

Contractor Hagerman, Inc.

Contract # 7500213364

Original Contract Amount: \$1,500,000

Total Change Orders to Date: 013

Cumulative Change Order Amount: \$269,891

Low Bid: \$1,500,000

Revised Contract Amount: \$1,769,891

High Bid: \$2,499,900

Contract Percent Complete: 50%

Number of Bids: 7

Describe all change orders greater than \$25,000.00:

Change Order # 5, 1/22/20, was approved for an increase of \$122,607 to sandblast and paint the existing structural steel maintenance level framing, provide two exterior louvers, and one door frame at roll up door. Change Order # 6, 1/24/20 was approved for an increase of \$60,992 to make structural modifications to the existing colling tower level steel and the new steel framing. Add plating to the bottom of the main structural beams and add new beams between the existing and new steel beams reducing deflection. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

University of Kentucky HealthCare Disparities Initiative (Research Building 2 - Phase II)

Project Number: 2499.00

Project Description:

Scope: \$40,000,000

The University's new 300,000 square foot Research Building #2 (RB 2) opened in September 2018 and is the result of a partnership between the Commonwealth and the University. This facility's goal is to enable multidisciplinary research teams to work together to develop solutions to the complex health disparities that plague the people of the Commonwealth of Kentucky, such as cancer, diabetes, obesity and substance abuse. Phase II includes the buildout of fourth and fifth floors as well as the balance of the vivarium in RB 2.

Consultant: Champlin Architecture

Contract # A191070

Original Contract Amount: \$2,065,800

Total Amendments to Date: 1

Cumulative Amendment Amount: \$127,190

Describe all amendments :

Revised Contract Amount: \$2,192,990

Amendment 1, 8/21/19, an increase of \$127,190 was approved to provide additional design services associated with modifications of the fourth and fifth floor dry lab spaces, the seminar rooms on level two, the conference rooms on level four, and the exhaust systems for four animal rooms in the vivarium. The amendment also provides for design associated with the retrofitting of the lab air systems, the expansion of the signage package, and the completion of cagewash area fit-out. **No amendments this quarter.**

Contractor Whiting-Turner Contracting Company

Note: This is a 'CM-At-Risk' contract awarded by RFP Process. Contract value will be increased as subcontracts are bid and awarded.

Contract # 7500161846

Original Contract Amount: \$28,188,272

Total Change Orders to Date: 084

Cumulative Change Order Amount: \$1,453,139

Low Bid:

Revised Contract Amount: \$29,641,411

High Bid:

Contract Percent Complete: 93%

Number of Bids:

Describe all change orders greater than \$25,000.00:

Change Order # 11, 8/2/19, was approved for an increase of \$47,852 to install feeders to thirty-three electrical panels, and to upgrade the panels to 22K. Change Order # 22, 10/11/19, was approved for an increase of \$277,225 install the utilities to connect, serve, and support on large steam sterilizer, one medium sterilizer with modular malls, one dual purpose flush station, and one hot air sterilizer in the cagewash area. Change Order # 28, 10/30/19, was approved for an increase of \$38,424 install motorized window shades and a metal panel framing for TV display monitor in wood slat wall in Conference Room 110. Change Order # 33, 11/25/19, was approved for an increase of \$129,189 to remove and replace the laboratory air compressor system with a new Gas Medix-Beacon Meades system. Change Order # 39, 12/13/19, was approved for an increase of \$48,787 to install HVAC duct and piping to elevator machine room F and the food service storage room. Change Order # 40, 12/16/19, was approved for an increase of \$41,303 to add 800 gallons of Kescothermal Inhibited Ethylene Glycol to chemical heated treated water systems and to install additional power circuits to supply receptacles and sump pumps. Change Order # 41, 12/16/19, was approved for an increase of \$27,997 to modify existing roof leader piping on levels 4 and 6. Change Order # 44, 1/15/20, was approved for an increase of \$34,267 to rework existing piping and ductwork to accommodate new construction on the fourth floor, fifth floor, and in the penthouse. Change Order # 47, 2/7/20, was approved for a decrease of \$47,311 to provide a credit to delete the level 4 tie-in to the BBSRB and the construction of a closet in that area. Change Order # 48, 2/10/20, was approved for an increase of \$41,152 to modify the building automation control system. Change Order # 52, 3/5/20, was approved for an increase of \$36,691 to automate the existing chemical batch feeder systems in the penthouse, thereby reducing annual preventative maintenance labor costs and enhancing the reliability of the systems. **Change Order # 63, 4/15/20, was approved for an increase of \$86,432 to add data conduit to floor boxes on levels one, four, and six and to add power circuits to floor boxes on level four. Change Order # 77, 6/12/20, was approved for an increase of \$59,370 to modify lower level vivarium doors, walls, and security provisions providing greater security in the vivarium space.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade/Renovate/Expand Grain Center of Excellence Capital Project

Project Number: 2458.00

Project Description:

Scope: \$16,746,000

This project is funded by a grant from the Kentucky Agriculture Development Funds for a scope of \$15,000,000. Funding will occur in three phases: Development, Specification and Bidding. The project will renovate and expand the UK Research and Education Center located in Princeton, Ky. The facility will be expanded by an additional 20,000 square feet. Renovations will cover approximately 38,000 square feet as needed to tie the current facility into the expansion. The project includes upgrades and replacement of floor and ceiling tiles, windows, entrances, lighting, HVAC system, fume hoods, fire alarm, and roof of existing structure.

Consultant: JRA Architects

Contract # A171110	Original Contract Amount:	\$1,199,385
Total Amendments to Date: 3	Cumulative Amendment Amount:	\$36,631
Describe all amendments :	Revised Contract Amount:	\$1,236,016

Amendment 1, 6/21/18, an increase of \$11,445 was approved for additional special inspections for site work testing. Amendment 2, 10/18/18, an increase of \$7,500 was approved for additional design services for redesign of three labs. Amendment 3, 2/10/20, an increase of \$17,686 was approved to provide for additional vibration testing, as well as development of donor signage and corresponding interior renderings. **No amendments this quarter.**

Contractor A&K Construction, Inc.

Contract # 7500140752	Original Contract Amount:	\$13,546,000
Total Change Orders to Date: 051	Cumulative Change Order Amount:	\$752,927
Low Bid: \$13,546,000	Revised Contract Amount:	\$14,298,927
High Bid: \$13,798,000	Contract Percent Complete:	99%
Number of Bids: 2		

Describe all change orders greater than \$25,000.00:

Change Order # 22, 5/7/19, was approved for an increase of \$33,809 to provide asbestos abatement in the perimeter, roof drains, expansion joints, and mechanical areas. Change Order # 23, 5/14/19, was approved for an increase of \$40,902 to remove and replace existing walls in Area B due to the condition of the existing drywall. Change Order # 24, 5/14/19, was approved for an increase of \$60,638 to provide a user requested temporary lab in Lobby A100A while the permanent lab space in Area C is being renovated. Change Order # 27, 7/10/19, was approved for an increase of \$33,728 to relocate site parking stalls to avoid conflicts with existing water lines. Change Order # 35, 8/8/19, was approved for an increase of \$30,766 to add donor signage to the exterior entrance of the multi-purpose room and the lobby. Change Order # 36, 8/21/19, was approved for an increase of \$78,153 to install a resinous floor system in the Area C Labs for additional durability, enhanced appearance, and ease of maintenance. Change Order # 37, 8/22/19, was approved for an increase of \$116,037 to install 6,600 square feet of floor leveling in Area A, including a moisture mitigation coating and a self-leveling cementitious underlayment. Install a resinous floor coating in the multi-purpose room, classroom A105, storage area, and two closets for additional durability, enhanced appearance, and ease of maintenance. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade/Renovate/Expand Research Labs Capital Project (Lee T. Todd Jr. Building Fifth Floor Laboratory Renovation)

Project Number: 2525.00

Project Description:

Scope: \$1,500,000

When Phase II of the Healthy Kentucky Research Building (HKRB) is completed in June of 2020, the faculty on the fifth floor of the Lee T. Todd Jr. Building will be moving to the fourth floor of HKRB. The vacated space on the fifth floor of the Lee T. Todd Jr. Building will become available for medicinal chemistry and pharmaceuticals research. The introduction of medicinal chemistry and pharmaceuticals research into this area results in greater demand for fume hood capacity. The renovation of this laboratory space to include up to 12 additional fume hoods will greatly enhance the flexible use of these laboratories now and in the future.

Consultant: EOP Architects

Contract # A201150

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:

\$107,000

Cumulative Amendment Amount:

Revised Contract Amount:

\$107,000

Contractor

No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

Describe all change orders greater than \$25,000.00:
