

# FCR 7

Office of the President  
February 19, 2021

Members, Board of Trustees:

## CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending December 31, 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 October 1, 2020 thru December 31, 2020:***

***There were six new contracts this quarter:***

- |                 |  |
|-----------------|--|
| Project 2497.1  | Repair/Upgrade/Expand Central Plant (Cooling Plant #1 Tower Replacement Phase II)<br>- Churchill McGee, \$1,191,850 (Construction)                   |
| Project 2511.51 | Renew/Modernize Facilities Capital Project (White Hall Classroom Building Phase II)<br>- Marrillia Design & Construction, \$1,906,909 (Construction) |
| Project 2511.61 | Renew/Modernize Facilities Capital Project (Patterson Office Tower Phase II)<br>- Marrillia Design & Construction, \$1,604,091 (Construction)        |
| Project 2511.8  | Renew/Modernize Facilities Capital Project (Frazee Hall)<br>- The Whiting-Turner Contracting Co., \$954,483 (Construction)                           |
| Project 2551.0  | Renovate/Improve Nursing Units - UK HealthCare (Pav H 3rd Floor Behavioral Health)<br>- Stengel-Hill Architecture, \$320,221 (Design)                |
| Project 2552.0  | Construct Research Building 2 Capital Project (Final Phase)<br>- Champlin Architecture, \$1,418,875 (Design)   |

**Three contracts were completed this quarter:**

- Project 2458.0 Upgrade/Renovate/Expand - Grain Center of Excellence Capital Project  
- A & K Construction, \$14,339,193
- Project 2462.0 Renovate/Improve UK Good Samaritan Hospital Facilities Capital Project (Replace Air Handling Units)  
- All State Heating & Cooling, \$1,500,078
- Project 2534.0 Improve Campus Parking & Transportation System - 2020 Maintenance Capital Project  
- Carl Walker Construction, \$597,044

**Four amendments were as follows:**

- Project 2497.1 Repair/Upgrade/Expand Central Plant (Cooling Plant #1 Tower Replacement Phase II)  
- Provide addition of special inspections. (+) \$39,743
- Project 2499.0 University of Kentucky HealthCare Disparities Initiative (Research Building 2 - Phase II)  
- Provide schematic design of the HKRB Imaging facilities.  
(+) \$52,400
- Project 2511.2 Renew/Modernize Facilities - Reynolds Building #1 Capital Project (Design Only)  
- Provide credit to deduct remaining allowances from reimbursable services and to add enhanced renderings for fundraising purposes. (-) \$64,854
- Project 2530.0 Expand Student Center Capital Project (Dining)  
- Provide additional design and construction administration services for the fit-up of the second and third floors. Includes added design for special audio-visual/IT and access controls, branding, and environmental graphics and an allowance for hardware commissioning and plan review fees. (+) \$349,500

**Nineteen 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, & G  
- Provide structural revisions to two procedure rooms and the support spaces around the perimeter of those rooms to facilitate the installation of the Siemens Nexaris equipment. This equipment is the first of its kind being installed in the United

States and the final drawings from the equipment vendor were not available at bid. (+) \$94,321

- Provide radiation shielding between the two Nexaris procedure rooms. (+) \$36,520
- provide mechanical, electrical, and plumbing revisions to two procedure rooms and the support spaces around the perimeter of those rooms to facilitate installation of the Siemens Nexaris equipment. This equipment is the first of its kind being installed in the United States and the final drawings from the equipment vendor were not available at bid. (+) \$295,160

Project 2446.1 Facilities Renewal, Modernization and Deferred Maintenance  
and Project 2446.4 (Phase I and II) Capital Project (Chemistry-Physics)

- Remove and replace the existing roof system over the lecture hall. (+) \$25,625
- Integrate the control of the color-changing blue lights into the university's Tridium system. (+) \$27,941

Project 2499.0 University of Kentucky HealthCare Disparities Initiative (Research Building 2 - Phase II)

- Provide a credit to move work from phase four to the final phase of fit-up allowing the buck hoist to remain in place to support upcoming phase four work on level six. (-) \$56,433

Project 2500.0 Improve Clinical/Ambulatory Service Pool Capital Project (Cancer Services)

- Provide fire dampers, access panels and doors at the entry of the existing ductwork and duct shaft. (+) \$110,513
- Address various found conditions after demolition. These include changes to cable trays and cable, existing ductwork, and fire dampers. (+) \$31,732

Project 2524.0 Construct/Improve Greek Housing Capital Project (Alpha Delta Pi)

- Provide a credit for structural steel allowance. (-) \$30,000
- Provide credit for value engineering modifications to the doors and specialties trade package. (-) \$33,948
- Provide a credit for changing all wallcoverings to paint. (-) \$34,065
- Provide a credit for value engineering modifications to the architectural woodwork trade package. (-) \$109,350
- Provide a credit for value engineering modifications to materials in the plumbing and mechanical trade package. (-) \$64,000
- Construct patio on the Columbia Ave. side of the house. (+) \$95,092

Project 2530.0

Expand Student Center (Dining) Capital Project

- Install fire dampers in the floor for the supply and return ducts. Also includes fire alarm integration to fire smoke dampers located in the second-floor slab for the supply, return and exhaust ducts that go to the first floor. (+) \$43,367
- Provide a credit for the vertical sunshades that mount on horizontal mullions. (-) \$43,425

Project 2542.0

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

- Provide drywall and sealing modifications to several corridor wall locations, allowing the corridor walls to be smoke partitions. (+) \$25,510
- Provide removal of existing ceiling tile in the hallways and installation of temporary heat detectors as necessary while the ceiling is removed. Ceiling tiles will be replaced, and the ceiling grid will be reused. (+) \$97,885
- Provide electrical and ITS conduit and medical gas connections on thirty new headwalls. (+) \$38,030

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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.

**BIM:** refers to Building Information Modeling (BIM). BIM is a digital representation of physical and functional characteristics of a facility. A BIM is a shared knowledge resource for information about a facility forming a reliable basis for decisions during its life cycle; defined as existing from earliest conception to demolition.

**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.

**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.

**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.

**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.

**MEP:** refers to the mechanical, electrical, and plumbing (MEP) components of construction.

**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  
January 2021**

**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 (MEP) 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:*

The second and third floors are complete, and the first-floor finishes are underway. The basement kitchen appliances are being installed along with tile work in the bathrooms, paint and trim work. The deck piers have been poured and ready for framing.

**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:*

A Request for Proposal (RFP) was issued to purchase three prefabricated poultry structure buildings. Two responses were received, and the project team is evaluating the responses for a best and final offer. Negotiations are ongoing with the responding firms to reduce the cost to align with the available budget.

**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 spirit laboratory, large conference space, classroom, offices and a public reception space.

*Project Status:*

The project is in the Design Development phase. Project is scheduled to bid in May 2021.

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

#### *Project Description:*

This Project marks Phase III of the Healthy Kentucky Research Building (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, 14 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 project was successfully bid on Oct. 22, 2020. Approval to proceed with construction was granted by the NIH on Dec. 17, 2020. The trade contractor post-bid interviews have been completed and contracts are in place. The submittal process is under way. During Jan. 2021 trade contractors mobilized and began work on site. The layout process in complete and installation of metal stud walls has begun. Rough-in of mechanical and electrical element will be the major activity for the next several months. Substantial completion is scheduled for Sept. 2021.

### **Construct Research Building 2 (Final Phase) Capital Project**

#### *Project Description:*

The project includes the fit-out of 30,000 SF on Level Six with three Wet Lab neighborhoods, along with the completion of the 2,000 SF Level One Seminar Room, two 1,000 SF Conference rooms on Level Two located directly above the Seminar room and the fit-out of the 8,000 SF Lower-Level Imaging Suite. This project will complete the fit-out of the HKRB (formerly known as Research Building 2).

#### *Project Status:*

The project is moving forward on schedule. The construction documents for the final phase of construction of HKRB were delivered Jan. 8, 2021. The bid packages were developed by the construction manager, Whiting-Turner, and released for advertisement Jan. 21, 2020. Bids are scheduled to be opened Feb. 18, 2021. Construction is scheduled to begin March 2021 with substantial completion currently scheduled for June 2022.

### **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:*

Tracks and studs are complete, electrical rough-ins are complete, plumbing rough-in is 30% complete, drywall installation has begun on the 2<sup>nd</sup> floor and erection of steel for the addition is complete. Electrical, mechanical and plumbing work continues; drywall installation will be complete by mid-Feb. 2021. Substantial completion is scheduled for July 29, 2021.

### **Decommission Facilities (Demolition of Kirwan-Blanding)**

#### *Project Description:*

At its Dec.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:*

Backfilling for basements and tunnels is ongoing through Feb. 2021. Site restoration is anticipated to commence, weather permitting, in March 2021.

### **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 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 main building brick is complete, with only patio brick remaining. All window frames and glazing are installed. The drywall and tile work are complete; the first coat of paint has been applied and the kitchen cabinetry and countertops are underway. The terrazzo flooring is installed along with all the ceiling grid. Work on the penthouse mechanical systems continues.

### **Facilities Renewal, Modernization and Deferred Maintenance (Phase-I and II) 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:*

Work removing the first and second floor skin began in Nov. 2020 and will be ongoing through Summer 2022. The third-floor skin is complete. Main atrium work will continue through the end of Feb. 2021. Third floor renovation remains on schedule, and in budget. 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 (AHU's) 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:*

Installation of all seven AHU's and two lab hood exhaust fans is complete. Work on modifications to existing heat exchangers continues. Erecting two new maintenance platforms for the fume hood exhaust fans was added to the scope of work. Substantial completion is scheduled for Feb. 5, 2021.

**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 ten 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:*

All contract work is complete; chillers have been commissioned and tested for use. Substantial completion will be addressed in spring 2021 at the time the chillers are put into operation.

**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 positron emission tomography (PET) scanning.

*Project Status:*

Bid Package One; all work is complete.

Bid Package Two, the Pharmacy Clean Room, is currently being installed on site.

Bid Package Three; Framing is complete in the Pharmacy. MEP rough-in is nearing completion. In the PET/CT area framing and MEP rough-in is complete. Drywall hang and finish is underway. Roach 1<sup>st</sup> Floor Bone Marrow Transplant (BMT) construction has begun in Phase One. Framing is complete and rough-in is underway. 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:*

Construction continues with substantial completion of Phases One and Two scheduled for Feb. 2021. Phase Three completion will follow approximately five weeks later. Drywall work is approximately 85% complete and painting will commence thereafter. Headwalls are being installed throughout, as is early installation of nurse call infrastructure.

### **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 Jan. 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:*

Construction documents are complete. Final review is being scheduled with all university and athletics' user groups. Design phases will be complete by mid-Feb. 2021. The project will be ready for bid, pending approval, to proceed to construction.

**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 being updated to align with the new adjacent Still and Maturation Buildings. Project to bid in Spring 2021.

**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:*

Construction documents are complete. Final review is being scheduled with all university user groups. Design phases will be complete by mid-Feb. 2021. The project will be ready for bid, pending approval, to proceed to construction.

**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:*

Schematic design documents were received and approved by the university. The documents are being utilized for fund raising purposes.

**Renew/Modernize Facilities Capital Project - Campus Enabling Phase I**

*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:*

Project achieved substantial completion in Dec. 2020.

**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 foot 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 Development documents were received, and a review meeting held Jan. 19, 2021. Early abatement and demo packages were bid in Dec. 2020 and abatement began in Jan. 2021. Demolition begins on Feb. 1, 2021. All early bid package work will complete by late March 2021. The Construction Document phase of design is scheduled to be complete on April 21, 2021.

**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:*

Construction continues with the metal stud partitions, in wall electrical, ductwork and sprinkler installation. Project is scheduled to complete in July 2021.

### **Renew/Modernize Facilities Capital Project (White Hall Classroom Building)**

#### *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:*

Phase one of construction continues in the restrooms with the plumbing carriers, lines, drains and vent piping, plus ductwork installation on the east side of the White Hall Building. Project scheduled to complete in Sept. 2021.

### **Renovate/Improve Nursing Units - UK HealthCare (Pav H 3rd Floor Behavioral Health)**

#### *Project Description:*

This project will relocate Adolescent Behavioral Health from UK Good Samaritan Hospital to Albert B. Chandler Hospital so that it will better align with services available at the Kentucky Children's Hospital (also located within the Albert B. Chandler Hospital). This project will provide modifications and safety upgrades to a space that was previously used as a behavioral health unit.

#### *Project Status:*

Schematic design documents were approved in early Dec. 2020, with Design Development meetings held thereafter. The Design Development documents are scheduled to be delivered by Feb. 9, 2021. Upon review and approval, the Construction Document phase of design will follow.

### **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:*

The major construction work bid (Bid Package Two) on Jan. 22, 2021. Bids are currently being evaluated and contracts are being executed. Bid Package One for demolition and preconstruction work is on schedule. Construction start is scheduled for Feb. 2021. Design work for the twelfth floor is scheduled to begin in Feb. 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 I of construction achieved substantial completion Jan. 21, 2021. Stryker / Siemens is currently installing medical equipment. Final punch list work is progressing. The suite is expected to open in March 2021. No Phase II work is planned at this time.

## **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:*

Lagco Mechanical is proceeding with the project on schedule. The new AHU has been set and installation work continues. The project is scheduled for substantial completion in Feb. 2021.

## **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 four air handling units (AHUs) in the Chandler Hospital Pavilion HA. AHU #'s 1 and 2 service the third floor (Mother Baby Unit and Obstetrics) and AHU #'s 3 and 4 services the fourth-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:*

Work on AHU #3 is complete and the unit is on-line and under control. The start of AHU #4 replacement has been delayed by the medical staff due to COVID. The AHU is in storage at the contractor's shop.

## **Repair/Upgrade/Expand Central Plant - Cooling Plant #1 Tower Replacement (Phase II)**

### *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:*

Phase II was bid and awarded to Churchill McGee. Mechanical and electrical demolition continues. Project is scheduled to complete in May 2021.

**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:*

A detailed study of the air flow in the area was undertaken by the design team. This study revealed the likelihood of a deficiency of exhaust capacity in this area of the building. The design of the project is awaiting further analysis of the existing exhaust system of the Todd Building. Utilities and Energy Management (UEM) is in the process of an in-depth analysis of the existing mechanical systems. The final report is expected in March 2021. The availability of exhaust capacity will be the controlling factor in the number of fume hoods that may be included in the design. Design will proceed based on availability of exhaust capacity when existing capacity is determined.

**Improve Building Systems UK HealthCare Capital Project (Good Samaritan Hospital Emergency Generator)**

*Project Description:*

This project will upgrade the emergency power system in the Good Samaritan Hospital facility to a level required to properly support the current load requirements. The project will add a new interior 750 kilo-volt-ampere generator and connect in parallel with the existing two. In this configuration, two generators will support the facility. The third generator will be redundant and allow for routine maintenance without compromising the emergency operation of the hospital. The resulting design capacity will be 1800 ampere at 480 volts. This additional generator will be placed in the existing paint shop and two adjacent storage areas. In addition, the project will include switchgear installation, building, cooling and MRI modifications.

*Project Status:*

Design submittal proposals are due Feb.1,2021.

## **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:*

The project team selected Omni Architects as the prime consultant for the project. Omni has submitted a fee proposal. At the request of the Department of Energy (DoE), the fee proposal was submitted to DoE for review. Upon approval, initial project funding will be provided to execute the consultant contract and commence the design of the building.

## **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:*

Grant funding has been received. An RFP for design services is being prepared for advertisement in late Jan. 2021.

### **Improve Electrical Infrastructure (Ag North and South Complex)**

#### *Project Description:*

The Agriculture North and South Complex and surrounding areas need significant high voltage infrastructure upgrades. This project will replace the electrical service utility infrastructure and related electrical distribution equipment associated with the Agriculture Science Complex section of campus that is located along Cooper Drive and Farm Road between Nicholasville Road and University Drive.

The existing electrical infrastructure must be replaced to provide reliable service. The related equipment, raceway, and cabling equipment also must be replaced as it has exceeded its recommended service life. The resiliency of the electrical service will be improved via new high voltage switches, duct bank, manholes cabling, transformers and distribution equipment. The project will also provide additional capacity to support future campus development and the upgraded electrical infrastructure will conform to the University's current construction standards.

#### *Project Status:*

Staggs & Fisher Consulting Engineers were selected as design team. Construction is scheduled to begin in May 2021 and substantial completion is scheduled for Nov. 2021.

### **Improve University Storage Facility (Fit-up and Other Improvements for UK HealthCare at Vaughn Warehouse) Capital Project**

#### *Project Description:*

This project will upgrade existing warehouse space at the Vaughn Warehouse and includes the following components (space for): UKHC Information Technologies and Clinical Engineering, furniture cleaning and repair for hospital environmental services, medication storage for the hospital pharmacy, storage of hospital Materials and Supplies, and receiving and staging of medical equipment for projects. This project positions these services to better serve the needs of the anticipated patient loads that will be created by the opening of additional space from current and future projects.

#### *Project Status:*

Consultant selection process will occur in early Feb. 2021. Unit price contract is being utilized to disconnect utilities and remove debris.

### **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 apart from 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:*

Fit ups of currently leased tenant spaces will continue through Feb. 2021. The project is in budget.

**Patient Care Facility (Fit-up Pavilion A Basement and Other Improvements Phase I-J) Capital Project**

*Project Description:*

This capital project includes the following components: fit-up of approximately 13,000 square feet of available shell space; expansion of the Kitchen/Food Service Operations; construction of a Maintenance Shop for the medical center physical plant division; relocation and expansion of Supply and Distribution; rework of Central Sterile decontamination and clean work areas; and expansion of Central Sterile stores and Operating Room Materials management. This project will enable these services to better serve the needs of the anticipated increased patient load created by the opening of Interventional Radiology, and the 5th and 12th patient floors.

*Project Status:*

GBBN has been selected as the project consultant. Design kick-off meetings will begin in Feb. 2021.

**Repair, Upgrade, or Improve Building Systems - UK HealthCare Capital Project (Pavilion H Air Handling Units S1, and S1A)**

*Project Description:*

This project will replace two air handling units (AHUs) in the Chandler Hospital Pavilion H. AHUs S1 and S1A serve the Ground Floor and first floor of the Patient Care Addition. These AHUs, which were installed in 1972 are in poor mechanical condition and are not dependable. The replacement of the units will ensure patient safety and comfort, air quality and compliance with regulatory requirements.

*Project Status:*

CMTA was selected as the project consultant. Contract negotiations continue.

**Repair, Upgrade, or Improve Building Systems - UK HealthCare Capital Project (Pavilion WH Air Handling Units 4, and 5)**

*Project Description:*

This project will replace two air handling units (AHUs) in the Whitney Hendrickson building of the Markey Cancer Center, Pavilion WH. AHU #'s 4 and 5 serve multiple areas of Pavilion WH. These AHUs are in poor mechanical condition and are not dependable. The replacement of the units will ensure patient safety and comfort, air quality and compliance with regulatory requirements.

*Project Status:*

CMTA was selected as the project consultant. Contract negotiations continue.

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 029

Cumulative Change Order Amount:

\$91,486

Low Bid: \$4,119,000

Revised Contract Amount:

\$4,210,486

High Bid: \$5,042,724

Contract Percent Complete:

75%

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

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 045

Cumulative Change Order Amount:

\$318,605

Low Bid: \$4,770,000

Revised Contract Amount:

\$5,088,605

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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$531,750
<b>No amendments this quarter.</b>		

**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.**

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**Construct Beam Institute I Capital Project**

Project Number: 2526.00

**Project Description:** Scope: \$5,500,000

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.

**Consultant:** Joseph & Joseph Architects

Contract # A211070	Original Contract Amount:	\$388,207
Total Amendments to Date:	Cumulative Amendment Amount:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$388,207
<b>No amendments this quarter.</b>		

**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:**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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
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Total Amendments to Date:	Cumulative Amendment Amount:	
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<b>Describe all amendments :</b>	Revised Contract Amount:	\$590,000
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**No amendments this quarter.**

**Contractor** Whiting-Turner Contracting 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 # 7500256847	Original Contract Amount:	\$6,868,735
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Total Change Orders to Date:	Cumulative Change Order Amount:	
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Low Bid:	Revised Contract Amount:	\$6,868,735
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High Bid:	Contract Percent Complete:	1%
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Number of Bids:

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

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

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**Construct Research Building 2 (Final Phase) Capital Project**

Project Number: 2552.00

**Project Description:** Scope: \$16,600,000

The project includes the fit-out of 30,000 SF on Level Six with three Wet Lab neighborhoods, along with the completion of the 2,000 SF Level One Seminar Room, two 1,000 SF Conference rooms on Level Two located directly above the Seminar room and the fit-out of the 8,000 SF Lower-Level Imaging Suite. This project will complete the fit-out of the HKRB (formerly known as Research Building 2).

**Consultant:** Champlin Architecture

Contract # A191070	Original Contract Amount:	\$1,415,875
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Total Amendments to Date:	Cumulative Amendment Amount:	
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<b>Describe all amendments :</b>	Revised Contract Amount:	\$1,415,875
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**No amendments this quarter.**

**Contractor**

**No construction contract awarded to date.**

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

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

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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

Original Contract Amount: \$74,470

Total Amendments to Date: 3

Cumulative Amendment Amount: \$412,150

**Describe all amendments :**

Revised Contract Amount: \$486,620

Amendment 1, 12/10/19, an increase of \$83,150 was approved to provide design development design services. Amendment 2, 3/24/20, an increase of \$176,800 was approved to provide construction document design services. Amendment 3, 8/24/20, an increase of \$152,200 was approved to provide add bidding and construction administration services, as well as special inspections. **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 # 7500251352

Original Contract Amount: \$4,852,019

Total Change Orders to Date: 023

Cumulative Change Order Amount: -\$167,841

Low Bid:

Revised Contract Amount: \$4,684,178

High Bid:

Contract Percent Complete: 20%

Number of Bids:

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

Change Order # 3, 10/19/20, was approved for a decrease of \$30,000 to provide a credit for structural steel allowance. Change Order # 4, 10/19/20, was approved for a decrease of \$33,948 to provide credit for value engineering modifications to the doors and specialties trade package. Change Order # 6, 10/19/20, was approved for a decrease of \$34,065 to provide a credit for changing all wall coverings to paint. Change Order # 7, 10/22/20, was approved for a decrease of \$109,350 to provide a credit for value engineering modifications to the architectural woodwork trade package. Change Order # 8, 10/22/20, was approved for a decrease of \$64,000 to provide a credit for value engineering modifications to materials in the plumbing and mechanical trade package. Change Order # 14, 12/30/20, was approved for an increase of \$95,092 to construct patio on the Columbia Ave. side of the house.

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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:
<b>Describe all amendments :</b>	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: 012	Cumulative Change Order Amount:	\$1,405,090
Low Bid:	Revised Contract Amount:	\$9,185,090
High Bid:	Contract Percent Complete:	85%
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. Change Order # 9, 8/31/20, was approved for an increase of \$153,498 to adjust quantities of actual abated amount of thermal system insulation, duct insulation, and pipe insulation in mechanical rooms and utility tunnels for the Kirwan/Blanding Complex. Change Order # 11, 8/19/20, was approved for an increase of \$25,566 provide temporary rental generators for electrical to complete remaining asbestos abatement and demolition. The basement electrical rooms are no longer viable for safety concerns. **No change orders greater than \$25,000 this quarter.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 2

Cumulative Amendment Amount: \$641,230

**Describe all amendments :**

Revised Contract Amount: \$1,441,230

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. **Amendment 2, 11/17/20, an increase of \$349,500 was approved to provide additional design and construction administration services for the fit-up of the second and third floors. Includes added design for special audiovisual/IT and access controls, branding, and environmental graphics and an allowance for hardware commissioning and plan review fee.**

**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: \$13,870,782

Total Change Orders to Date: 020

Cumulative Change Order Amount: \$166,424

Low Bid:

Revised Contract Amount: \$14,037,206

High Bid:

Contract Percent Complete: 59%

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. Change Order # 10, 8/26/20, was approved for an increase of \$66,129 to provide an alternate route for the chilled water piping to limit the disruption of operations resulting from above ceiling work in the existing building. **Change Order # 13, 10/27/20, was approved for an increase of \$43,367 to install fire dampers in the floor for the supply and return ducts. Also includes fire alarm integration to fire smoke dampers located in the second floor slab for the supply, return and exhaust ducts that go to the first floor. Change Order # 15, 11/6/20, was approved for a decrease of \$43,425 to provide a credit for the vertical sunshades that mount on horizontal mullions.**

## CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2446.10 & 2446.40

**Project Description:** Scope: \$60,914,909

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.

**Consultant:** Omni Architects

Contract # A181090	Original Contract Amount:	\$272,500
Total Amendments to Date: 7	Cumulative Amendment Amount:	\$4,135,401
<b>Describe all amendments :</b>	Revised Contract Amount:	\$4,407,901

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 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. **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 # 7500136893	Original Contract Amount:	\$44,122,508
Total Change Orders to Date: 146	Cumulative Change Order Amount:	\$1,572,115
Low Bid:	Revised Contract Amount:	\$45,694,623
High Bid:	Contract Percent Complete:	50%
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. Change Order # 74, 7/22/20, was approved for an increase of \$30,558 to provide additional fencing around project site to ensure pedestrian safety. Change Order # 84, 8/24/20, was approved for an increase of \$47,713 to revise select air barriers to improve the thermal performance of the building envelope. Change Order # 86, 8/21/20, was approved for a decrease

## CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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of \$40,210 to provide a credit to delete the custom graphic from the resilient walk-off mats. Change Order # 92, 9/14/20, was approved for an increase of \$157,038 to provide necessary restoration work on air-handling unit 3/4. Change Order # 96, 9/21/20, was approved for an increase of \$25,517 to provide lab plumbing utilities. **Change Order # 125, 11/18/20, was approved for an increase of \$25,625 to remove and replace the existing roof system over the lecture hall. Change Order # 132, 12/7/20, was approved for an increase of \$27,941 to integrate the control of the color changing blue lights into the university's Tridium system.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 023

Cumulative Change Order Amount:

\$174,083

Low Bid: \$4,019,100

Revised Contract Amount:

\$4,193,183

High Bid: \$5,434,659

Contract Percent Complete:

97%

Number of Bids: 2

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

Change Order # 10, 8/19/20, was approved for an increase of \$36,551 to provide duct changes and install new venturi style air valves and controls to both hoods in Lab S-104 and exhaust connection for hood in S-324. **No change orders greater than \$25,000 this quarter.**

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CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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**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. **No amendments this quarter.**

**Contractor** Lagco, Inc.

Contract # 7500237400

Original Contract Amount:

\$829,600

Total Change Orders to Date: 003

Cumulative Change Order Amount:

\$8,053

Low Bid: \$829,600

Revised Contract Amount:

\$837,653

High Bid: \$1,083,000

Contract Percent Complete:

99%

Number of Bids: 4

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

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

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 014

Cumulative Change Order Amount: \$218,252

Low Bid: \$2,520,000

Revised Contract Amount: \$2,738,252

High Bid:

Contract Percent Complete: 99%

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. Change Order # 10, 9/15/20, was approved for an increase of \$52,726 to mill, patch, and install an asphalt overlay on Graham Avenue from the intersection with the new Library Drive to within approximately 30 feet of the Law Building. **No change orders greater than \$25,000 this quarter.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 4	Cumulative Amendment Amount:	\$367,998
<b>Describe all amendments :</b>	Revised Contract Amount:	\$1,011,160

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. Amendment 4, 7/27/20, an increase of \$3,600 was approved for additional design services to provide a signage and wayfinding schedule and plan for an alternate location of the PET suite and a 500 square foot research storage space. **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:	\$9,338,366
Total Change Orders to Date: 077	Cumulative Change Order Amount:	\$663,278
Low Bid:	Revised Contract Amount:	\$10,001,644
High Bid:	Contract Percent Complete:	68%

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. **Change Order # 67, 11/16/20, was approved for an increase of \$110,513 to provide fire dampers, access panels and doors at the entry of the existing ductwork and duct shaft. Change Order # 68, 11/20/20 was approved for an increase of \$31,732 to address various found conditions after demolition. These include changes to cable trays and cable, existing ductwork, and fire dampers.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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. **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 # 7500198232

Original Contract Amount: \$3,068,541

Total Change Orders to Date: 063

Cumulative Change Order Amount: \$512,596

Low Bid:

Revised Contract Amount: \$3,581,137

High Bid:

Contract Percent Complete: 99%

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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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

Project Number: 2542.00

**Project Description:**

Scope: \$2,300,000

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: 038

Cumulative Change Order Amount:

\$609,142

Low Bid: \$967,000

Revised Contract Amount:

\$1,576,142

High Bid: \$1,108,000

Contract Percent Complete:

67%

Number of Bids: 4

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

Change Order # 3, 7/10/20, was approved for an increase of \$97,638 to provide wall modifications allowing for mounting and connection of the new headwall panels in each patient room. Change Order # 7, 8/11/20, was approved for an increase of \$40,715 to furnish nine prefinished red oak doors, hollow metal frames, and hardware that were previously owner furnished items. Change Order # 13, 9/25/20, was approved for an increase of \$77,902 to provide modifications to existing circuits, conduit, and feeders necessary to meet current code requirements. Change Order # 17, 9/30/20, was approved for an increase of \$52,710 to review and address the fire stopping defects for all existing penetrations through the walls within this project's boundaries to meet current code requirements. **Change Order # 15, 10/1/20, was approved for an increase of \$25,510 to provide drywall and sealing modifications to several corridor wall locations, allowing the corridor walls to be smoke partitions. Change Order # 22, 11/11/20, was approved for an increase of \$97,885 to provide removal of existing ceiling tile in the hallways and installation of temporary heat detectors as necessary while ceiling is removed. Ceiling tiles will be replaced and ceiling grid will be reused. Change Order # 27, 12/2/20, was approved for an increase of \$38,030 to provide electrical and ITS conduit and medical gas connections on thirty new headwalls.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 022

Cumulative Change Order Amount: -\$281,120

Low Bid: \$7,215,900

Revised Contract Amount: \$6,934,780

High Bid: \$10,990,000

Contract Percent Complete: 99%

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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 2

Cumulative Amendment Amount: \$2,413,215

**Describe all amendments :**

Revised Contract Amount: \$3,128,295

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. Amendment 2, 8/12/20, an increase of \$258,500 was approved to provide additional consulting services from design development through bidding as a result of the revised project scope. **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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 014

Cumulative Change Order Amount: \$51,394

Low Bid: \$3,524,000

Revised Contract Amount: \$3,575,394

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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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:**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: -\$64,854

**Describe all amendments :**

Revised Contract Amount: \$2,594,487

**Amendment 1, 11/24/20, a decrease of \$64,854 was approved to deduct remaining allowances from reimbursable services and to add enhanced renderings for fundraising purposes.**

**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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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

Project Number: 2511.30

**Project Description:**

Scope: \$1,000,000

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:**

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**Renew/Modernize Facilities Capital Project Phase I (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
<b>Describe all Amendments:</b>		Revised Contract Amount:	\$367,800

**No amendments this quarter.**

**Contractor 1:** Dixon Electric, Inc. (Electrical)

Contract # 1	7500241886		
Total Change Orders to Date:	13	Original Contract Amount:	\$1,072,657
Low Bid:	\$1,072,657	Cumulative Change Order Amount:	\$266,987
High Bid:	\$2,197,200	Revised Contract Amount:	\$1,339,644
Number of Bids:	6	Contract % complete:	99%

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

Change Order # 1, 7/17/20, was approved for an increase of \$35,000 to construct a new 8' x 8' electric manhole at the end of ductbank allowing for the installation of additional conduits in the future. Change Order # 3, 8/3/20, was approved for an increase of \$67,375 to modify the location of the new west telecommunications manhole allowing for removal and rerouting of the overhead lines to be adjusted to this new location. Existing abandoned utility poles will be removed. Change Order # 9, 9/23/20, was approved for an increase of \$55,372 to bring the existing roadway surface on Old Rose Street from Washington Street to Funkhouser drive to an acceptable condition that will accommodate the heavy, daily pedestrian traffic that passes through this portion of central campus. **No change orders greater than \$25,000 this quarter.**

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

Contract # 2	7500243848		
Total Change Orders to Date:	3	Original Contract Amount:	\$1,857,800
Low Bid:	\$1,857,800	Cumulative Change Order Amount:	\$43,314
High Bid:	\$2,895,700	Revised Contract Amount:	\$1,901,114
Number of Bids:	4	Contract % complete:	99%

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

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

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Renew/Modernize Facilities Capital Project (Frazee Hall)**

Project Number: 2511.80

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

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.

**Consultant:** Lord Aeck Sargent

Contract # A2111090	Original Contract Amount:	\$1,131,679
Total Amendments to Date:	Cumulative Amendment Amount:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$1,131,679

**No amendments this quarter.****Contractor** The Whiting-Turner Contracting 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 # 7500259203	Original Contract Amount:	\$954,483
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$954,483

High Bid:	Contract Percent Complete:	
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Number of Bids:

**Describe all change orders greater than \$25,000.00:****No change orders greater than \$25,000 this quarter.**

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**Renew/Modernize Facilities Capital Project (Patterson Office Tower)**

Project Number: 2511.61

**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:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$258,520

**No amendments this quarter.****Contractor** Marrillia Design & Construction

Contract # 7500256650	Original Contract Amount:	\$1,604,091
Total Change Orders to Date: 001	Cumulative Change Order Amount:	\$24,985
Low Bid: \$1,604,091	Revised Contract Amount:	\$1,629,076

High Bid: \$2,066,096	Contract Percent Complete:	2%
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Number of Bids: 6

**Describe all change orders greater than \$25,000.00:****No change orders over \$25,000 this quarter.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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

Project Number: 2511.51

**Project Description:**

Scope: \$3,170,823

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** Marrillia Design & Construction

Contract # 7500256619

Original Contract Amount: \$1,906,909

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$1,906,909

Revised Contract Amount: \$1,906,909

High Bid: \$2,129,000

Contract Percent Complete: 5%

Number of Bids: 6

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

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

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**Renovate/Improve Nursing Units - UK HealthCare (Pav H 3rd Floor Behavioral Health) Capital Project**

Project Number: 2551.00

**Project Description:**

Scope: \$6,000,000

This project will relocate Adolescent Behavioral Health from UK Good Samaritan Hospital to Albert B. Chandler Hospital so that it will better align with services available at the Kentucky Children's Hospital (also located within the Albert B. Chandler Hospital). This project will provide modifications and safety upgrades to a space that was previously used as a behavioral health unit.

**Consultant:** Stengel Hill Architecture

Contract # A211110

Original Contract Amount: \$320,221

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount: \$320,221

**No amendments this quarter.**

**Contractor** Wehr Construction

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

Contract # 7500261985

Original Contract Amount: \$399,876

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$399,876

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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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:	
<b>Describe all amendments :</b>	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:	100%
Number of Bids: 3		

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

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

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**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:	
<b>Describe all amendments :</b>	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:**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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. **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 # 7500250628

Original Contract Amount: \$2,592,254

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$2,592,254

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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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
<b>Describe all amendments :</b>	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. **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 # 7500130050	Original Contract Amount:	\$19,314,293
Total Change Orders to Date: 093	Cumulative Change Order Amount:	\$1,571,560
Low Bid:	Revised Contract Amount:	\$20,885,853
High Bid:	Contract Percent Complete:	95%
Number of Bids:		

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

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. Change Order # 56, 7/14/20, was approved for an increase of \$100,279 to provide additional scope of work needed to accommodate Siemens equipment in procedure rooms 5, 9, 12, and 13; including demo, additional wall protection, updated doors, sprinkler layout, sanitary piping, and glycol lines, an additional fan coil unit, relocation of transfer grilles, additional power, and data consolidation. Change Order # 57, 7/13/20, was approved for an increase of \$30,418 to Provide miscellaneous changes to the work including demo, rework of sprinkler lines, ductwork modifications, and re-route of controls needed to accommodate the final location of the owner furnished, owner installed Stryker booms. Change Order # 65, 8/28/20, was approved for an increase of \$84,047 to to accommodate Siemens equipment in procedure rooms 10 & 11; including demo of existing walls and framing, MEP elements, feeder and branch conduits, and sprinkler piping, and to provide BIM services for Unistrut support systems, and the new Nexaris space layout. **Change Order # 73, 10/7/20, was approved for an increase of \$94,321 to provide structural revisions to two procedure rooms and the support spaces around the perimeter of those rooms to facilitate installation of the Siemens Nexaris equipment. This equipment is first of its kind being installed in the United States and the final drawings from the equipment vendor were not available at bid.** Change Order # 80, 11/4/20, was approved for an increase of \$36,520 to provide radiation shielding between the two Nexaris procedure rooms. Change Order # 83, 11/10/20, was approved for an increase of \$295,160 to provide mechanical, electrical, and plumbing revisions to two procedure rooms and the support spaces around the perimeter of those rooms to facilitate installation of the Siemens Nexaris equipment. This equipment is first of its kind being installed in the United States and the final drawings from the equipment vendor were not available at bid.

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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:	
<b>Describe all amendments :</b>	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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 008

Cumulative Change Order Amount:

\$58,485

Low Bid: \$865,900

Revised Contract Amount:

\$924,385

High Bid: \$1,310,000

Contract Percent Complete:

62%

Number of Bids: 5

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

Change Order # 1, 9/17/20, was approved for an increase of \$27,997 to revise the piping sizes and tap location for the domestic water feed for this air-handling unit allowing for better access for service and maintenance. **No change orders greater than \$25,000 this quarter.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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: 004

Cumulative Change Order Amount:

\$753,943

Low Bid: \$2,187,000

Revised Contract Amount:

\$2,940,943

High Bid: \$2,774,800

Contract Percent Complete:

80%

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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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

Project Number: 2497.10

**Project Description:**

Scope: \$7,000,000

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: 3

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$533,625

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. Amendment 2, 7/10/20, an increase of \$19,950 was approved to provide third party commissioning of cooling towers. **Amendment 3, 12/16/20, an increase of \$39,743 was approved for the addition of special inspections.**

**Contractor** Churchill McGee, LLC

Contract # 75000259754

Original Contract Amount:

\$1,191,850

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$1,191,850

Revised Contract Amount:

\$1,191,850

High Bid: \$1,865,600

Contract Percent Complete:

Number of Bids: 4

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

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

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## 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: 3

Cumulative Amendment Amount: \$271,790

#### Describe all amendments :

Revised Contract Amount: \$2,337,590

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. Amendment 2, 7/16/20, an increase of \$92,200 was approved to provide additional lab testing of sensitive laboratory equipment for vibration concerns, as well as development of donor signage and corresponding interior renderings. **Amendment 3, 10/28/20, an increase of \$ 52,400 was approved for schematic design of the HKRB Imaging facilities.**

#### 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: 091

Cumulative Change Order Amount: \$1,568,437

Low Bid:

Revised Contract Amount: \$29,756,710

High Bid:

Contract Percent Complete: 99%

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

## CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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the vivarium space. Change Order # 82, 7/24/20, was approved for an increase of \$25,477 to Repair damage to elevator smoke curtains Change Order # 84, 8/7/20 was approved for an increase of \$34,114 to relocate piping, VRF unit, and cast iron vent to accommodate phase 2 equipment. **Change Order # 87, 11/10/20 was approved for a decrease of \$56,433 to provide a credit to move work from phase four to the final phase of fit-up allowing the buckhoist to remain in place to support upcoming phase four work on level six.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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
<b>Describe all amendments :</b>	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: 053	Cumulative Change Order Amount:	\$793,193
Low Bid: \$13,546,000	Revised Contract Amount:	\$14,339,193
High Bid: \$13,798,000	Contract Percent Complete:	100%
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.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**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:**

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