

CAPITAL CONSTRUCTION CONTRACTS QUARTERLY ACTIVITY REPORT

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

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY REPORT

Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Major Projects
Capital Project Management Division
October 2018

Acquire/Renovate the University Inn

Project Description:

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.

Project Status:

The architect met with the building end users and finalized the Schematic Design as of October 29, 2018. The demolition of all interior walls was bid and the contractor will start November 5, 2018. The demo should take three weeks to complete.

Construct Baseball Facility Capital Project

Project Description:

The baseball program has grown significantly and the current facility is inadequate to meet the existing and future needs of the team and does not meet required specifications to host the Southeastern Conference or National Collegiate Athletic Association baseball tournaments. This project will initiate the design phase of the construction of a new baseball stadium on a new site along Alumni Drive. The new baseball facility will include seating for 7,000 spectators, locker rooms, offices, concessions, viewing suites, a practice infield, scoreboard, sport turf maintenance facilities, and a parking area.

Project Status:

Project achieved substantial completion on October 30, 2018.

Construct Research Building Capital Project

Project Description:

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

Project Status:

The project was bid and is being constructed in eight design release (DR) packages to support the design process and the schedule. The packages were DR #1-Site Clearing and Mass Excavation, DR #2- Foundation and Underground Utilities, DR #3A - Building Concrete Frame; DR #3B- Core & Shell/Main MEP Systems/Site Improvements; DR-#4 Elevators; DR #5 – Building Fit-Out; DR #6-CUP and Infrastructure and DR #7-Green Roof and Plaza.

The contract work for DRs 1, 2, 3A, 3B, 4 and 5 is now virtually complete. All spaces in these areas have been punched and punch list work is under way. Researches have begun to move into the third floor. Some customization of the areas is being undertaken as the researchers from various areas are being selected and assigned spaces. The AV and scheduling equipment will be installed during the first two weeks of November 2018. This work will complete the first floor common areas, second and third floors making these floors operational. A significant change order to accelerate the completion of cage wash area in the new vivarium has been approved. This work continues and the new cage wash area is scheduled to come on line in early 2019.

The schedules for the work on DR #6-CUP and Infrastructure and DR #7 Green Roof and Plaza have been impacted by excessive rain and change order work and have lagged behind building construction. The remaining infrastructure work includes closing, hardscaping and landscaping the excavation associated with the spine installation, installation of an additional transformer in Substation 3 and installation of the final chiller in the Press Avenue plant. The work

on the spine is schedule to complete in late November 2018. The substation and plant work is schedule to complete in early 2019.

The work on the green roof area and plaza between the two research buildings and College of Pharmacy is now seventy-five percent complete. Placement of plants on the green roof is underway and will continue as weather allows. The grading and hardscape for the plaza area in underway. This work is currently scheduled to be complete by early December 1, 2018

Construct/Expand/Renovate Ambulatory Care - UK Healthcare Capital Project (Department of Medicine Clinics)

Project Description:

This project will continue the renewal of the Kentucky Clinic Medical Plaza. The Department of Medicine Clinics occupies a large portion of the second floor of the Kentucky Clinic Medical Plaza and has significantly increased the patient load since the original construction of the facility in 1983. The planned renovation and expansion will create more usable exam rooms, enhance patient and staff circulation, improve waiting areas, and upgrade the HVAC systems to current standards.

Project Status:

Demolition of Phase 1 is complete. Stud framing and mechanical, electrical, and plumbing (MEP) rough-in is well underway. Substantial completion of Phase I is scheduled for April 2019. A period of three weeks has been scheduled to allow the clinic to relocate from their temporary location to the renovated space. Phase II construction will then at that time.

Expand/Renovate/Upgrade Law Building Capital Project

Project Description:

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

Project Status:

Sprayed foam roofing has been applied and the window openings have been temporarily dried in allowing drywall work to begin. The drywall work has begun on the ground level and stock piled on the upper floor levels for installation. In wall and above ceiling mechanical, electrical, and plumbing (MEP) systems are progressing on all floors. Brick, stone, and marble work are making good progress on the exterior of the building. The north and south stairwells are now in place and being used to move between floors of the building. The audio-visual and site bid packages are being finalized for pricing. Construction is to be completed in the summer of 2019 in time for occupancy for the 2019 fall semester. The project is currently in budget and on schedule.

Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) 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.

Project Status:

Phase 1 renovations are ongoing to relocate occupants from the third floor of Chemistry Physics in preparation for the third floor renovation. Bid Pack 1 – Early Demolition will bid early November 2018, and early demolition is scheduled to begin in December 2018.

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

Project Description:

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

Project Status:

Interior abatement is 100% complete, demolition is 95% complete. Mechanical, electrical, and plumbing hangers are being installed on the 2nd floor, as well as plumbing under slab; the clerestory opening has been cut in, with the curb soon to be formed. The floor layout on the 1st floor is underway, with framing to follow. Under slab work for plumbing in the basement continues. Exterior planters and ramps have been removed; excavation for the connector is scheduled to complete in late November 2018. Substantial completion is scheduled for December 2019.

Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Infrastructure)

Project Description:

The modernization initiative will restore and revitalize two prominent buildings, Chemistry-Physics Building and Enoch Grehan Journalism Building, within the campus core. Campus utilities are a critical component of the campus modernization effort and during the course of the renovations, dated and deficient infrastructure will be replaced.

Project Status:

Phase 1 Steamline work is nearing completion and Phase 2 Steamline work is ongoing. The project is currently within budget.

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, 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.

Project Status:

The project is currently in the schematic design phase. The architect has been conducting user group meetings with each of the five clinical functions impacted by this project. The five groups are: Pharmacy Faculty, Bone Marrow Transplant/Hematology/Oncology Facilities, PET/CT Facilities, Infusion/ Consultative/Phlebotomy Facilities, and Multi-Dimensional Facilities.

An accurate description, estimate, and schedule for this project will be generated as a product of the schematic design meetings. Based on this information a final schedule for design and construction of each segment that accommodates the operational requirements of the Cancer Center will also be generated.

The design and construction of these elements, intended to enhance patient services, will then proceed in a manner that results in cost effective construction with minimal impact on day-to-day services in this critical area of the patient care. The goal is to complete all construction in 20 to 24 months.

Renovate/Expand Student Center Capital Project

Project Description:

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

Project Status:

We have now accepted temporary occupancy of all phases of the project, although the contractors continue to finalize incomplete work and complete loose ends (primarily in back of house areas). All areas have now been occupied and are doing business. There are several items outstanding that are being worked off to allow acceptance of permanent occupancy.

Temporary traffic signals have been installed at the MLK/Ave. of Champions (AoC) and Lexington Ave./AoC intersections until permanent mast arm poles can be installed at the beginning of 2019. UK is working with LFUCG to procure/install the permanent mast arm poles.

Phase 1 spaces were accepted as substantially complete on January 7, 2018. Phase 2 spaces were accepted as substantially complete on April 26, 2018. Temporary occupancy of the Phase 3 spaces were accepted on June 15, 2018. The project is in budget.

Renovate/Improve Clinical/Ambulatory Services - Brachytherapy

Project Description:

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

Project Status:

The subgrade has been backfilled with dense-graded aggregate (DGA) and is on grade. The Linear Accelerator (LINAC), CT, and perimeter walls have been formed and concrete pours are underway.

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

Project Description:

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

Project Status:

The temporary Air Handling Unit has been set. Demolition of the existing Air Handling Units is ongoing in the mechanical penthouse.

Renovate/Upgrade Existing Housing (Delta Delta Delta Sorority) Capital Project

Project Description:

The project scope includes the addition of a meeting room seating 300 with added beds for 10 additional residents. The new addition will be two-stories with an unfinished basement. The addition will be approximately 5,600 GSF. The structure will be insulated concrete forms with hollow core structural planks and wood roof trusses. The exterior walls will be brick with stone accents. The roof will be sloped hip roof with shingles and low-sloped with thermoplastic membrane. The interior finished will be gypsum board walls, paint, wall covering, wood detailing, acoustical ceiling tile, ceramic tiling in restrooms. The project will also include renovation of the existing restrooms, finish upgrades in the dining hall and converting one room into an accessible unit.

Project Description:

Demolition is complete and work on the new addition is underway. The project remains on schedule and within budget.

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

Project Description:

The Endoscopy Services project requires demolition and refurbishment of approximately 14,000 square feet of the existing Endoscopy /IR suite on the 3rd floor of Pavilion H.

Project Status:

No additional design work past the design development phase is scheduled at this time.

Renovate/Upgrade UK HealthCare Facilities (Phase 1-I) – Interventional Services

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:

Construction documents are scheduled to be delivered in November 2018. The trade bid packages will be advertised for bid in January 2019 with construction scheduled to begin in early 2019.

Renovate/Upgrade UK HealthCare Facilities (Phase I-I) – Phase 2 Radiology Pavilion A

Project Description:

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.

Project Status:

This project has been placed on hold pending UKHealthCare direction.

Repair/Upgrade/Improve Building Systems - UK HealthCare Capital Project (Pavilion HA Air Handling Unit #8)

Project Description:

This project will replace air-handling unit (AHU #8), on the sixth floor of the Pavilion HA of Chandler Hospital, which is in poor mechanical condition. This is necessary to ensure patient safety and comfort, air quality, and compliance with regulatory requirements.

Project Status:

The new air-handling unit has been installed and commissioned and is on-line. Currently a few minor punch list issues are being addressed and the project is nearing completion.

Replace Greek Housing – (Alpha Gamma Rho Fraternity) Capital Project

Project Description:

This project will construct a 21,000 square foot facility for the Alpha Gamma Rho (AGR) fraternity at the corner of Rose Lane and Woodland Avenue in Lexington, Kentucky on land owned by the University of Kentucky. The new facility will house forty two members in two four-bed suites and seventeen two-bed units. In addition, the new fraternity house will include living and dining areas; a commercial kitchen; laundry area; study room; and a house mother's apartment.

Project Status:

Shingles are complete on the main part of the roof and the metal roof over the living room completed on October 31, 2018. Stone has been delivered and is being laid. All mechanical rough-ins are completed on the second floor and drywall hanging is underway. First floor rough-ins are 95% complete.

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

Project Description:

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

Project Status:

The design of RB 2 Phase II is well underway. A design team led by Champlin Architecture and including Hammel, Green and Abrahamson (HGA); Affiliated Engineers (AEI); CMTA Engineering; Jacobs Engineering; and several other firms are continuing the design of the project. The construction manager at risk (CM) that completed phase one, Whiting-Turner, is under contract for the construction of Phase II.

The construction documents were distributed for University staff for review on October 15, 2018. Comments are due November 2, 2018.

Current scheduling calls for the plans being finalized and packaged for bidding during November 2018 and early December 2018. There will be approximately 15 bid packages. A complete construction schedule will be developed during this time and published with the bid documents. Bids will be open in late-January 2019 after a 6-week bid period. Construction will begin shortly thereafter. The construction is projected to complete in 14 to 16 months at this time. The current Substantial Completion date is June 2020.

Upgrade/Renovate/Expand Grain Center of Excellence Capital Project

Project Description:

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 17,000 square feet. Renovations will cover approximately 38,000 square feet 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.

Project Status:

Construction started in March 2018. Painting, ceiling grid, and light fixture installation continue in Area A. User is scheduled to occupy the space in December 2018. Area B addition mechanical, electrical and plumbing rough in continues. Concrete foundations are complete and masonry exterior walls continue in the Area C lab addition. Site concrete nears completion and prep continues for asphalt paving. Project Substantial Completion is scheduled for June 2019.

Improve Good Samaritan Hospital Facilities (UKGS Magnetic Resonance Imaging)

Project Description:

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

Project Status:

Stengel Hill Architecture was selected as the project Consultant. The project is currently in the in the Schematic Design Phase.

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

Project Description:

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.

Project Status:

The project is currently advertised for design services. Once a consultant is selected and the details of the construction sequence for the project is developed, a design/ construction schedule will be generated.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Acquire/Renovate The University Inn

Project Number: 2467.00

Project Description:

Scope: \$7,500,000

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

Consultant: Stengel Hill Architecture

Contract # A191090

Original Contract Amount:

\$462,275

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$462,275

No amendments this quarter.

Contractor

No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Baseball Facility Capital Project

Project Number: 2437.00

Project Description:

Scope: \$49,000,000

The baseball program has grown significantly and the current facility is inadequate to meet the existing and future needs of the team and does not meet required specifications to host the Southeastern Conference or National Collegiate Athletic Association baseball tournaments. This project will initiate the design phase of the construction of a new baseball stadium on a new site along Alumni Drive. The new baseball facility will include seating for 4,500 spectators, locker rooms, offices, concessions, viewing suites, a practice infield, scoreboard, sport turf maintenance facilities, and a parking area.

Consultant: RossTarrant Architects, Inc.

Contract # A161110

Original Contract Amount: \$3,078,800

Total Amendments to Date: 3

Cumulative Amendment Amount: \$521,952

Describe all amendments :

Revised Contract Amount: \$3,600,752

Amendment 1, 1/30/17, an increase of \$342,916 was approved for scope revisions, combining DR1 and DR2 construction documents into one design release, concept design work for future phase 2 indoor practice facility, wayfinding, and environmental graphic design coordination, extended construction administrative services due to overall construction duration being extended, and video animation. Amendment 2, 7/24/17, an increase of \$61,460 was approved for additional design services to revise the construction documents to include the relocation of Wildcat Way. Also included is the addition of a tunnel and retaining wall that will enable the construction of a future Indoor Practice Field. Amendment 3, 6/12/18, an increase of \$117,577 was approved for extended construction administration services and additional special inspections required due to unsuitable soil. **No amendment 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 # 7500071556

Original Contract Amount: \$39,296,711

Total Change Orders to Date: 117

Cumulative Change Order Amount: \$2,988,780

Low Bid:

Revised Contract Amount: \$42,285,491

High Bid:

Contract Percent Complete: 98%

Number of Bids:

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

Change Order # 2, 5/1/17, was approved for a decrease of \$94,488 to revise plumbing and mechanical items for a value engineering opportunity. Change Order # 3, 5/1/17, was approved for a decrease of \$234,173 to revise general scope requirements and electrical items for a value engineering opportunity. Change Order # 4, 5/2/17, was approved for a decrease of \$113,480 to modify the structural steel requirements as well as the steel and terrazzo details of stair as a value engineering opportunity. Change Order # 7, 4/28/17, was approved for a decrease of \$27,054 to remove installation of PVC conduit for soda lines from the food equipment contractor's scope. The work has been added to the electrician's scope by a separate change order for considerable net savings. Change Order # 11, 6/28/17, was approved for a decrease of \$66,137 to change the post sizing for the ornamental fencing, adjusting the amount of ornamental fence and vinyl coated chain-link fence as a value engineering opportunity. Change Order # 12, 6/28/17, was approved for a decrease of \$97,875 to revise general trade items as a value engineering opportunity. Change Order # 14, 6/28/17, was approved for a decrease of \$39,027 to revise architectural metal panels for the project, and provide alternative material as a value engineering opportunity. Change Order # 16, 6/26/17, was approved for a decrease of \$169,482 to reduce the allowance for unsuitable soils since all major excavation has been completed. Change Order # 17, 6/26/17, was approved for a decrease of \$25,679 to liquidate the allowance for the remediation of coal leachate on the project. Change Order # 18, 6/26/17, was approved for an increase of \$314,452 to relocate Wildcat Court road and entrance approximately 60 feet to the north of the existing location off of College Way for a length of 360 feet. Also includes addition of sidewalk for approximately 625 feet, from the roundabout at Alumni Drive and College Way, to the new entrance of Wildcat Court. Change Order # 32, 9/6/17, was approved for an increase of \$49,165 to make provisions for temporary construction and game day parking. Also includes fence installation and

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

relocation. Change Order # 34, 9/11/17, was approved for an increase of \$29,788 to change piping material from polyvinyl chloride (PVC) to cast iron. Change Order # 35, 9/20/17, was approved for an increase \$907,202 to add an access tunnel to the future indoor practice facility and foundation wall for future construction. Change Order # 36, 10/9/17, was approved for an increase of \$235,289 to add the installation of terraced seating on the third base line. Change Order # 39, 10/18/17, was approved for an increase of \$54,531 to revise the design of the scoreboard outer column wraps to include more masonry in lieu of metal panels. Change Order # 52, 10/22/17, was approved for an increase of \$331,194 to increase the graphic scope to optimize graphic contribution and improve the player, fan, and staff experience. Change Order # 53, 12/22/17, was approved for an increase of \$82,702 to upgrade the video wall in the player's locker room from three rows of monitors to four rows. Change Order # 42, 11/22/17, was approved for an increase of \$207,211 to provide necessary footing and backfill changes to portions of the wall in the right field corner due to larger than expected amounts of unsuitable soil with low bearing pressure and/or high organic content discovered during excavation. Change Order # 45, 12/1/17, was approved for a decrease of \$34,923 to provide a credit resulting from a change to the sprinkler design from an all dry sprinkler system to a combination of wet and dry systems throughout the project. Change Order # 47, 12/18/17, was approved for an increase of \$159,871 to provide necessary footing and backfill changes to portions of the wall in the center field due to larger than expected amounts of unsuitable soil with low bearing pressure and/or high organic content discovered during excavation. Change Order # 48, 12/18/17, was approved for an increase of \$64,145 to revise the foundation design for the Field Operations Building due to unsuitable soils found during excavation. Change Order # 76, 6/1/18, was approved for an increase of \$172,176 to replace the sod within the terrace seating areas along both first and third base with pervious precast concrete unit pavers. Change Order # 77, 5/25/18, was approved for an increase of \$151,354 to revise the scope for the graphics contract to include owner preferred revisions as well as accommodate future naming rights graphics to be incorporated at a later date. Change Order # 82, 6/1/18, was approved for an increase of \$190,841 for work related to soil remediation required after low bearing pressure and high organic content were encountered in the right and center outfield walls. Change Order # 83, 6/4/18, was approved for an increase of \$228,393 to remediate organic soils in the right field areas and for lime stabilization of the whole field. Change Order # 85, 6/22/18, was approved for an increase of \$35,434 to add conduit for audiovisual cabling in above ceiling locations. **Change Order # 92, 7/16/18, was approved for an increase of \$42,481 to add rough in for future gas heaters above the Concourse linear metal ceiling and installation of 5 gas heaters at the Suite/Recruiting room outdoor areas. Change Order # 99, 7/27/18, was approved for an increase of \$53,739 to provide soil remediation required after low bearing pressure and high organic content were encountered in the right and center outfield walls. Change Order # 101, 8/15/18, was approved for an increase of \$121,474 to remove all remaining unsuitable soils encountered during excavation of the outfield walls, left-field retaining wall and tunnel, and right outfield areas. Adjust the grading, perimeter fencing, and concrete walks in right field between the scoreboard and Alumni Drive in order to facilitate a level temporary event space. Change Order # 105, 9/4/18, was approved for an increase of \$77,653 for additional equipment rental costs incurred over the course of several related change orders related to unsuitable soils.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Research Building Capital Project

Project Number: 2425.00

Project Description:

Scope: \$171,630,200

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

Consultant: Champlin Architecture

Contract # A151270

Original Contract Amount: \$11,397,600

Total Amendments to Date: 3

Cumulative Amendment Amount: \$2,633,350

Describe all amendments :

Revised Contract Amount: \$14,030,950

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

Contractor: The Whiting-Turner Contracting Company

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

Contract # 7500057013

Original Contract Amount: \$132,011,799

Total Change Orders to Date: 292

Cumulative Change Order Amount: \$10,014,010

Low Bid:

Revised Contract Amount: \$142,025,809

High Bid:

Contract Percent Complete: 99%

Number of Bids:

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

Change Order # 88, 9/18/17, was approved for an increase of \$82,492 to add two isolation valves to the new chilled water supply and return (CWR/CWS) feeds in the central utility plant (CUP) and a housekeeping pad for the new chiller variable frequency drive (VFD). Change Order # 89, 9/18/17, was approved for an increase of \$29,070 to add two automatic glycol solution makeup units to the building heat recovery system. Change Order # 90, 9/20/17, was approved for an increase of \$30,186 to install eleven sound attenuation devices (SAD) in the ductwork throughout the penthouse to minimize potential sound transmission through the ductwork. Change Order # 093, 10/4/17, was approved for an increase of \$49,099 to modify the two steam anchors to account for forces per the computerized stress analysis, based on actual field conditions. Change Order # 094, 10/4/17, was approved for an increase of \$49,931 to modify manholes 4 & 5 and chilled water piping due to unforeseen rock geology found between bore locations. Change Order # 105, 11/2/17, was approved for an increase of \$150,103 to reconfigure the installation of the mechanical, electrical, and plumbing (MEP) elements over the basement central corridor allowing the ductwork in the fit-out package to be installed above the piping and electrical feeds. Change Order # 107, 11/7/17, was approved for an increase of \$90,125 to provide additional temporary window opening enclosures in the wet and dry laboratories on six floors. Change Order # 110, 11/15/17, was approved for an increase of \$27,481 to complete the architectural revisions and door modifications associated with the tie-in to the BBSRB vivarium facilities. Change Order # 112,

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

11/17/17, was approved for an increase of \$33,941 to install all transitions to copper for pipe sizes 4" and under on branch piping outside the shafts, at the isolation valves. Change Order # 115, 11/21/17, was approved for an increase of \$48,998 to modify the steel framing, sliding, intake plenum and air-handler access components in the penthouse to allow for staged installation of the AHU's as the fit-out of the building continues incrementally. Change Order # 117, 11/22/17, was approved for an increase of \$37,047 to revise eight doors for proper rating due to mislabeling of the doors on the door schedule. Change Order # 118, 11/27/17, was approved for an increase of \$85,942 to provide and install four tensile structures in the roof plaza area. Change Order # 120, 11/30/17, was approved for an increase of \$64,824 to modify the west elevation of the BBSRB by removing and reinstalling existing limestone band, allowing for the proper joining of the new plaza and ramp to the existing BBSRB west elevation. Change Order # 122, 12/1/17, was approved for an increase of \$54,533 to provide and install the mechanical, electrical, and controls items required for proper operation of the bedding waste disposal system; system was purchased after the contracts were in place. Change Order # 123, 12/1/17, was approved for an increase of \$60,211 to integrate the new vivarium spaces into the existing Edstrom lighting control system; end-user requested after fit-out contracts were in place. Change Order # 125, 12/8/17, was approved for an increase of \$193,935 to upgrade and integrate the existing Edstrom animal watering system serving the BBSRB vivarium to function in concert with the new Edstrom system being installed in the new research building. Change Order # 127, 12/8/17, was approved for an increase of \$27,078 to upgrade all devices and equipment in the vivarium to include weatherproof enclosures to meet cleaning and maintenance requirements. Change Order # 130, 12/15/17, was approved for an increase of \$46,973 to install additional fiber optic cable and vertical cable managers and revise all of the multi-mode fiber optic cable from OM3 to OM4 grade. Change Order # 132, 12/18/17, was approved for an increase of \$35,430 to revise branch switches, OCPDs, and fused disconnect switches associated with roof mounted VRF heat pump condensing units per the final equipment submittal. Change Order # 133, 12/18/17, was approved for an increase of \$117,249 to install and operate new cooling in the mechanical room of the BBSRB. The mechanical tends to overheat and the construction of the new research addition has exacerbated the issue. Change Order # 135, 12/22/17, was approved for an increase of \$161,768 to enclose the lids of the east and west mechanical shafts and upgrade sixteen penthouse dampers from fire dampers to combination fire/smoke dampers. Change Order # 170, 2/23/18, was approved for an increase of \$39,217 to apply a 2 hour fire rated barrier for the exposed surface of the tube steel elevator guide rail supports. Change Order # 171, 2/23/18, was approved for an increase of \$47,384 to provide modifications to the first loor HVAC equipment serving the lobby, café, and future conference room. Change Order # 172, 2/23/18, was approved for an increase of \$33,189 to revise the reflective ceiling plans in various locations in the procedure rooms, first floor lobby , dry labs, and wet labs. Change Order # 173 , 2/23/18, was approved for an increase of \$54,528 to add the work associated with the floor drain trap primer installation and associated piping as it was inadvertently not assigned to a specific trade during the bidding process. Change Order # 175, 3/5/18, was approved for an increase of \$36,774 to demolish and replace the north College of Pharmacy entry stairs, wall, and canopy base. Stair lighting and storm line are included. Change Order # 180, 3/28/18, was approved for an increase of \$46,020 to install wireless access points to serve the exterior courtyard enhancing the use of the green roof area. Change Order # 185, 3/30/18, was approved for an increase of \$59,026 to install additional galvanized steel ladders and platforms in manholes 4 and 5 to accommodate the safe operation of all valves and equipment within. Change Order # 201, 5/2/18, was approved for an increase of \$29,272 to provide an asphalt pavement parking area at the generator building to provide secure parking for UK vehicles in the CUP area. Change Order # 208, 5/14/18, was approved for an increase of \$82,041 to install steel, grated access platforms with ladders over two sets of heat exchangers to provide access to valves and specialties above. Change Order # 210, 5/21/18, was approved for an increase of \$35,829 to remove and replace unsuitable soils in the area of the northern modular retaining wall with acceptable fill per contract specifications. Change Order # 222, 6/11/18, was approved for an increase of \$55,793 to modify the CUP to support the installation of chiller #6. These modification are necessary due to recent code changes requiring emergency refrigerant exhaust systems in a plant of this scale. Change Order # 224, 6/18/18, was approved for an increase of \$254,581 to provide temporary weather protection and heating to support construction activities required to maintain scheduled completion date. Change Order # 225, 6/18/18, was approved for an increase of \$58,166 to provide power to no less than forty-four fire/smoke dampers throughout the building. The power and fire alarm connections for these were not shown on the construction documents. Change Order # 227, 6/27/18, was approved for an increase of \$2,934,686 to fit-out the lower level cage wash area of the new facility. The old cagewash area serving the BBSRB was intended to serve the new Research Building 2 Vivarium when opened, but has become undependable in recent months. **Change Order # 234, 7/16/18, was approved for an increase of \$25,072 to modify the area in the lobby where the video wall be installed to accommodate the equipment selected. Change Order # 235, 7/16/18, was approved for an increase of \$31,381 to install an alternate valve arrangement allowing for a wide range of operation the building steam system. Change Order #**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

236, 7/16/18, was approved for an increase of \$75,475 to provide bypass piping and valves around nine flow meters in the basement mechanical room and pent house mechanical room allowing for meter maintenance without disruption of service. Change Order # 242, 7/27/18, was approved for an increase of \$154,766 to provide additional cost for labor, equipment, and material associated with rock removal that was found to vary significantly in volume, density and composition from that expected in the area. Change Order # 244, 7/30/18, was approved for an increase of \$26,051 to revise the power to the Meefog system/skids. The system differs from the basis of design. Change Order # 246, 8/1/18, was approved for an increase of \$114,352 to reengineer and modify the glass walls and doors from 1/2" thick glass to 3/4" glass to support security devices associated with the new security system. Change Order # 250, 8/15/18, was approved for an increase of \$87,378 to provide end user requested modifications to the door hardware for various lower level doors. Change Order # 253, 8/8/18, was approved for an increase of \$34,016 modify the wet lab glass wall headers on levels two and three to make them more rigid and to serve as an acoustical barrier between the lab and the corridor. Change Order # 257, 8/14/18, was approved for an increase of \$65,665 for premium only overtime necessary to accelerate the building enclosure to meet construction deadlines. Change Order # 263, 8/20/18, was approved for a decrease of \$64,270 to provide a credit to the project for the deletion canvas insulated jacket on all piping above 8' in mechanical rooms. Change Order # 277, 9/4/18, was approved for an increase of \$29,212 to install a custom smoke curtain housing for elevator as required by code.

Construct/Expand/Renovate Ambulatory Care - UK Healthcare Capital Project (Department of Medicine Clinics)

Project Number: 2480.00

Project Description:

Scope: \$12,000,000

This project will continue the renewal of the Kentucky Clinic Medical Plaza. The Department of Medicine Clinics occupies a large portion of the second floor of the Kentucky Clinic Medical Plaza and has significantly increased the patient load since the original construction of the facility in 1983. The planned renovation and expansion will create more usable exam rooms, enhance patient and staff circulation, improve waiting areas, and upgrade the HVAC systems to current standards.

Consultant: JRA Architects

Contract # A181080

Original Contract Amount:

\$630,100

Total Amendments to Date: 1

Cumulative Amendment Amount:

\$41,000

Describe all amendments :

Revised Contract Amount:

\$671,100

Amendment 1, 2/13/18, an increase of \$41,000 was approved to provide additional design services as required to modify exam rooms as requested by UKHealthCare. **No amendments this quarter.**

Contractor: Marrillia Design & Construction

Contract # 7500149727

Original Contract Amount:

\$4,532,600

Total Change Orders to Date: 004

Cumulative Change Order Amount:

\$634

Low Bid: \$4,532,600

Revised Contract Amount:

\$4,533,234

High Bid: \$5,253,755

Contract Percent Complete:

11%

Number of Bids: 5

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Expand/Renovate/Upgrade Law Building Capital Project

Project Number: 2444.00

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

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

Consultant: Sherman Carter Barnhart Architects

Contract # A161180	Original Contract Amount:	\$3,426,488
Total Amendments to Date: 2	Cumulative Amendment Amount:	\$672,543
Describe all amendments :	Revised Contract Amount:	\$4,099,031

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

Contractor Congleton-Hacker Co.

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

Contract # 7500078835	Original Contract Amount:	\$38,719,695
Total Change Orders to Date: 063	Cumulative Change Order Amount:	\$497,626
Low Bid:	Revised Contract Amount:	\$39,217,321
High Bid:	Contract Percent Complete:	55%

Number of Bids:

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

Change Order # 13, 2/7/18, was approved for a decrease of \$62,130 to provide a credit for post bid value engineering. Change Order # 21, 4/2/18, was approved for an increase of \$28,302 to provide structural repairs to the existing concrete structure to maintain structural integrity. Change Order # 29, 5/21/18, was approved for an increase of \$32,640 to change cabling form category 6 to category 6a as per UK-ITS standards. Change Order # 30, 5/21/18, was approved for a decrease of \$188,215 to provide a credit to reduce Sunesis' scope of work for hazardous material abatement based on unit prices and actual abatement. **Change Order # 42, 7/27/18, was approved for an increase of \$45,436 to revise the smoke and fire dampers to a combination fire/smoke damper required per HB&C at penetrations of 2-hour rated shafts.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2446.10

Project Description: Scope: \$33,000,000

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: 2	Cumulative Amendment Amount:	\$2,421,399
Describe all amendments :	Revised Contract Amount:	\$2,693,899

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. **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:	\$1,766,115
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$1,766,115
High Bid:	Contract Percent Complete:	
Number of Bids:		

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2446.20

Project Description:

Scope: \$23,000,000

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

Consultant: Murphy Group Architects

Contract # A181140

Original Contract Amount: \$1,606,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$1,606,000

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 # 7500143449

Original Contract Amount: \$16,398,276

Total Change Orders to Date: 001

Cumulative Change Order Amount: \$4,190

Low Bid:

Revised Contract Amount: \$16,402,466

High Bid:

Contract Percent Complete:

Number of Bids:

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Infrastructure)

Project Number: 2446.30

Project Description: Scope: \$4,000,000

The modernization initiative will restore and revitalize two prominent buildings, Chemistry-Physics Building and Enoch Grehan Journalism Building, within the campus core. Campus utilities are a critical component of the campus modernization effort and during the course of the renovations, dated and deficient infrastructure will be replaced.

Consultant: Staggs & Fisher Consulting Engineers

Contract # A181130	Original Contract Amount:	\$233,100
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$233,100

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 # 7500138941	Original Contract Amount:	\$2,605,961
Total Change Orders to Date: 009	Cumulative Change Order Amount:	\$268,427
Low Bid:	Revised Contract Amount:	\$2,874,388
High Bid:	Contract Percent Complete:	46%

Number of Bids:

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

Change Order # 2, 9/4/18, was approved for an increase of \$176,367 to relocate the vault due to found conditions regarding the location of the existing steam line between vault HPS106 and HPS28.

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

Project Number: 2500.00

Project Description: Scope: \$14,384,734

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:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$643,163

No amendments this quarter.

Contractor

No construction contract awarded to date.

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

Number of Bids:

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Clinical Services Capital Project - William W. Willard Medical Education Building (College of Medicine Library)

Project Number: 2452.10

Project Description:

Scope: \$3,668,000

This project is the first of four phases of the College of Medicine Library renovation. This phase will renovate 7,000 gross square feet on the lower level of the existing College of Medicine Library. The space is to be gutted and reconstructed with learning and study spaces for students and faculty.

Consultant: Champlin Architecture

Contract # A181070

Original Contract Amount: \$203,400

Total Amendments to Date: 1

Cumulative Amendment Amount: \$54,800

Describe all amendments :

Revised Contract Amount: \$258,200

Amendment 1, 2/13/18, an increase of \$54,800 was approved for additional design services associated with the expanded phase one scope to include 6,393 of space. Area was originally part of phase 2 and 3 on the lower level of the library. **No amendments this quarter.**

Contractor Marrillia Design & Construction

No construction contract awarded to date.

Contract # 7500141411

Original Contract Amount: \$1,194,000

Total Change Orders to Date: 029

Cumulative Change Order Amount: \$74,841

Low Bid: \$1,194,000

Revised Contract Amount: \$1,268,841

High Bid: \$1,510,000

Contract Percent Complete: 99%

Number of Bids: 6

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Student Center Capital Project

Project Number: 2396.00

Project Description:

Scope: \$201,250,000

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

Consultant: Omni Architects

Contract # A141210	Original Contract Amount:	\$10,104,022
Total Amendments to Date: 4	Cumulative Amendment Amount:	\$2,202,450
Describe all amendments :	Revised Contract Amount:	\$12,306,472

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

Contractor Messer Construction Co.

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

Contract # 7500038441	Original Contract Amount:	\$159,054,077
Total Change Orders to Date: 589	Cumulative Change Order Amount:	\$13,329,766
Low Bid:	Revised Contract Amount:	\$172,383,844
High Bid:	Contract Percent Complete:	99%
Number of Bids:		

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

Change Order # 303, 7/24/17, was approved for an increase of \$27,769 to provide additional framing for the cinema parapet in area D, the exterior wall in area E, two walls in the catering kitchen, and the fire rated accordion door enclosure. Change Order # 306, 7/26/17, was approved for an increase of \$58,586 to revise the pathway for the communications duct bank included in bid pack 1 (BP1) to avoid conflicts with footers and site walls in bid pack 3 (BP3). BP3 was not fully developed at the time BP1 was bid. Change Order # 310, 7/28/17, was approved for an increase of \$31,343 to add flooring in food service offices, food service storage areas, and the entry to "All You Care to Eat" (AYCE). Wall framing will also be added to the AYCE deli area. Change Order # 312, 8/7/17, was approved for an increase of \$46,730 to provide a shaft wall to provide required fire rating. Also provides for additional modifications to the ramps in areas B and C necessary to incorporate the wall rating at the level changes and modification of the added shaft wall handrail. Change Order # 321, 8/10/17, was approved for an increase of \$27,101 to provide necessary changes to address coordination between BP1 & BP3 contractors, and to conceal the concrete vault which would have been elevated if installed at the elevation included in BP3. Change Order # 323, 8/10/17, was approved for an increase of \$25,400 to in increase wireless access points throughout the Student Center. Change Order # 324, 8/22/17, was approved for an increase of \$54,389 to relocate the band tower to the Shively field site which will be the

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

new band practice field. Change Order # 328, 8/22/17, was approved for an increase of \$50,546 to purchase and install the walk-in cooler/freezer for Panda Express. This will allow all of the coolers to be installed by a single contractor and streamline installation. Change Order # 329, 9/1/17, was approved for an increase of \$42,735 to provide various mechanical, electrical, and plumbing (MEP) changes required to meet Subway's updated corporate retail brand image. Change Order # 331, 9/1/17, was approved for an increase of \$45,931 to provide duct modifications and rework along with hanger relocation. The rework was revealed necessary as a result of building information modeling (BIM). Change Order # 334, 9/1/17, was approved for an increase of \$26,005 to provide the interconnecting piping between BP1 & BP3 utilities. The entrance locations changed between the issuance of the two bid packages. Change Order # 331, 11/13/17, was approved for an increase of \$48,251 to provide duct modifications and hanger relocation for Area C3/D3 and modification of the steam lines in Area E1. Change Order # 349, 10/9/17, was approved for an increase of \$29,191 to provide structural modifications necessary for the glass canopies to coordinate with curtain wall mullion locations and to provide additional cantilevered glass canopies. Change Order # 353, 10/23/17, was approved for an increase of \$81,613 to revise the wall mounted LED handrails to post mounted LED handrails. Change Order # 356, 11/2/17, was approved for an increase of \$40,863 to revise the mechanical venting and electrical infrastructure in Area C and D to accommodate the revised outdoor fireplace models. Change Order # 448, 1/24/18, was approved for an increase of \$78,785 to provide a 1 temporary 1 hour rated partition. Change Order # 458, 2/2/18, was approved for an increase of \$31,167 to provide a cold water line and sump pump for the commercial washer area in Area A. Change Order # 462, 2/7/18, was approved for an increase of \$47,058 to provide for changes to the hardware for the digital kiosk. The ELO interactive touchscreen provides more desired long term functionality than the Viewsonic product line. Change Order # 463, 2/7/18, was approved for a decrease of \$29,232 to provide a credit for overhead and profit markup incorrectly charged on previous change orders. Change Order # 464, 2/9/18, was approved for an increase of \$27,524 to provide for changes necessary to coordinate audiovisual equipment and installation between bid pack's 3 & 4. Change Order # 466, 2/9/18, was approved for an increase of \$58,261 to provide for a model change for four ovens in the catering kitchen. Change Order # 471, 2/16/18, was approved for an increase of \$25,385 to provide additional electrical and data outlets necessary for the point of sale system and to provide power for food service equipment. Change Order # 475, 2/23/18, was approved for an increase of \$37,213 to wax the epoxy terrazzo floors in phase 2 and phase 3 areas. Change Order # 479, 2/26/18, was approved for an increase of \$40,250 to provide additional lead abatement necessary in areas A and B. Change Order # 481, 3/6/18, was approved for an increase of \$66,733 to upgrade the street lighting to match the upcoming future street improvements along Avenue of Champions/Euclid. Change Order # 505, 3/28/18, was approved for an increase of \$45,779 provide concrete pads at ADA bollards in specific locations. The bollards cannot attach directly to brick or smaller concrete pavers and need to be secured to concrete in these locations. Change Order # 506, 3/28/18, was approved for an increase of \$42,335 to adjust framing, blocking, and openings in the Cinema per the audiovisual requirements. This is to achieve Dolby Digital certification and optimal sound and viewing. Change Order # 507, 3/30/18, was approved for an increase of \$108,373 to add 3/4" fire-treated plywood strips for the fabric panels in the Cinema. This is necessary for attachment. Change Order # 510, 4/2/18, was approved for an increase of \$45,027 to provide additional load support by increasing the stud gauge thickness for exterior cold form metal framing at brick veneer locations. Change Order # 512, 4/4/18, was approved for an increase of \$203,912 to backfill the soil removed during abatement for utilities along Avenue of Champions. Change Order # 513, 4/11/18, was approved for an increase of \$56,761 provide extended temporary utility service to the site, building, and Messer office trailers. Change Order # 521, 4/16/18, was approved for an increase of \$40,304 to provide a one hour fire partition at two locations in the Blue Box Theater and an added shaft wall in Stair D. Change Order # 522, 4/16/18, was approved for an increase of \$62,136 to add electrical connections to smoke dampers and hold opens omitted from Bid Pack 3. Change Order # 528, 5/2/18, was approved for an increase of \$34,949 to provide miscellaneous electrical changes including a disconnect switch for a grill furnished by Aramark, conduit re-route in shell space, integration and remote observation of automatic throwover controls on power switchboards. Change Order # 532, 5/11/18, was approved for an increase of \$25,048 to provide additional duct and insulation due to revision of the cross bracing in area A2. Change Order # 540, 5/25/18, was approved for an increase of \$29,376 to change the entry door type to Barnes and Noble from wood to aluminum glazed doors allowing increased visibility into the store. Change Order # 542, 5/25/18, was approved for an increase of \$37,945 to provide additional door hardware to the Area B entry doors and vestibule to the Great Hall necessary due to use of salvaged original art-deco doors. Change Order # 549, 6/4/18, was approved for a decrease of \$46,957 to provide a credit for the Bluebox Theater curtains. The curtains will be ordered later when they can be field verified to properly fit. Change Order # 553, 6/11/18, was approved for an increase of \$37,291 to adjust framed walls and openings in Bid Pack 3 to accommodate specific micro tile configuration and product requirements in Bid Pack 4. Change Order # 559, 6/27/18, was approved for an increase of \$47,260 to provide conduit in areas unable to

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

maintain the required cable tray clearance. **Change Order # 560, 7/6/18, was approved for an increase of \$117,275 to provide a higher quality media player for the Microtile wall in the presentation lounge that will provide enhanced capabilities for the Visitor Center use. The change was necessary due to discontinuation of the originally selected media player. Change Order # 568, 9/4/18, was approved for an increase of \$47,059 to modify the decorative glass in Area B Level 2 identifying the student organizations. Also in lieu of decorative glass the branding walls adjacent to the Bluebox Theater will receive a vinyl wall covering utilizing graphic content. Change Order # 572, 9/24/18, was approved for an increase of \$26,047 to provide additional code, room, and overhead signage. Also provides for dimensional letters for named spaces.**

Renovate/Improve Athletics Facility Capital Project (Joe Craft Center Locker Room)

Project Number: 2469.00

Project Description:

Scope: \$4,000,000

The renovation of the men's basketball locker room/lounge will include numerous enhancements to improve the functionality of the existing space to better meet the needs of current student-athletes as well as attract the highest caliber athletes to represent the University of Kentucky. This project will incorporate the existing player locker and shower space, lounge area, and team meeting room into one multi-functional space to provide a first-class environment and enhance the student-athlete experience. These elements include a more open floor plan that enhances the use of this space on a day-to-day basis, as well as keeping current for a program of this stature. These improvements will also provide a nutrition and hydration component that was not included when the facility was constructed due to NCCA regulations at that time.

Consultant: Sherman Carter Barnhart

Contract # A171160	Original Contract Amount:	\$195,205
Total Amendments to Date:	Cumulative Amendment Amount:	\$9,718
Describe all amendments :	Revised Contract Amount:	\$204,923

Amendment 1, 12/12/17, an increase of \$9,718 was approved for additional design services necessary for addition of a screen wall, casework revisions, and updated renderings. **No amendments this quarter.**

Contractor: Congleton-Hacker Co.

Contract # 7500110442	Original Contract Amount:	\$1,732,500
Total Change Orders to Date: 016	Cumulative Change Order Amount:	\$117,842
Low Bid: \$1,732,500	Revised Contract Amount:	\$1,850,342
High Bid: \$2,330,000	Contract Percent Complete:	100%

Number of Bids: 4

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

Change Order # 5, 9/15/17, was approved for an increase of \$43,022 to enclose the kitchen area for privacy. Change Order # 8, 3/27/18, was approved for an increase of \$36,063 to provide additional casework in team lounge. Also provides required electrical connections for owner furnished ribbon boards. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2457.00

Project Description:

Scope: \$16,200,000

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

Consultant: JRA Architects

Contract # A171120

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$848,700
Cumulative Amendment Amount:	
Revised Contract Amount:	\$848,700

Contractor The Whiting Turner Contracting Company

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

Contract # 7500129878

Total Change Orders to Date: 013

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:	\$9,683,590
Cumulative Change Order Amount:	-\$214,149
Revised Contract Amount:	\$9,469,441
Contract Percent Complete:	37%

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2462.00

Project Description:

Scope: \$2,000,000

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

Consultant: CMTA Engineering Consultants

Contract # A171140

Original Contract Amount: \$146,750

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$146,750

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

Contractor All State Heating & Cooling

Contract # 7500146000

Original Contract Amount: \$1,473,247

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$1,473,247

Revised Contract Amount: \$1,473,247

High Bid: \$1,643,350

Contract Percent Complete: 5%

Number of Bids: 3

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Improve UK HealthCare Facilities Capital Project (Simulation Center)

Project Number: 2468.00

Project Description:

Scope: \$5,500,000

This project will renovate vacant space on the second floor of Pavilion H to create an expanded inter-professional state-of-the-art simulation center for the training of medical students, medical residents, faculty and staff. The new UK HealthCare Simulation Center for Advanced Clinical Skills will include a multipurpose room for task simulation (learning discrete skills) and rooms designed to simulate care environments. Further, the Center will expand simulation opportunities with the inclusion of new high fidelity simulators, task simulators, and Advanced Cardiac Life Support (ACLS) manikins.

Consultant: EOP Architects

Contract # A171180

Original Contract Amount:

\$264,700

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$264,700

Amendment 1, 1/9/18, an increase of \$27,650 was approved for additional design and construction administration services as required to provide floor and structure reinforcement to the south mechanical room in Pavilion H Level 3.

No amendments this quarter.

Contractor Turner Construction Co.

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

Contract # 7500118831

Original Contract Amount:

\$2,475,902

Total Change Orders to Date: 26

Cumulative Change Order Amount:

\$198,568

Low Bid:

Revised Contract Amount:

\$2,674,470

High Bid:

Contract Percent Complete:

100%

Number of Bids:

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

Change Order # 1, 12/22/17, was approved for an increase of \$50,000 to reinforce the floor slab above the Simulation Lab space with structural steel. Change Order # 11, 2/23/18, was approved for an increase of \$91,987 to provide reinforcement for existing floor beams to meet the required allowable live load capacity. **Change Order # 26, 8/14/18, was approved for a decrease of \$40,445 to provide a credit to the project for allowance items that were not used during construction.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade Existing Housing (Delta Delta Delta Sorority) Capital Project

Project Number: 2486.00

Project Description:

Scope: \$2,438,000

The project scope includes the addition of a meeting room seating 300 with added beds for 10 additional residents. The new addition will be two-stories with an unfinished basement. The addition will be approximately 5,600 GSF. The structure will be insulated concrete forms with hollow core structural planks and wood roof trusses. The exterior walls will be brick with stone accents. The roof will be sloped hip roof with shingles and low-sloped with thermoplastic membrane. The interior finished will be gypsum board walls, paint, wall covering, wood detailing, acoustical ceiling tile, ceramic tiling in restrooms. The project will also include renovation of the existing restrooms, finish upgrades in the dining hall and converting one room into an accessible unit.

Consultant: Ross Tarrant Architects

Contract # A181120

Original Contract Amount:

\$117,337

Total Amendments to Date: 1

Cumulative Amendment Amount:

\$40,548

Describe all amendments :

Revised Contract Amount:

\$157,885

Amendment 1, 6/12/18, an increase of \$40,548 was approved for for addition of bidding and construction administration services, as well as allowances for plan review and special inspections. **No amendments this quarter.**

Contractor Olympic Construction, LLC

Contract # 7500154766

Original Contract Amount:

\$1,933,000

Total Change Orders to Date: 004

Cumulative Change Order Amount:

\$19,487

Low Bid: \$1,933,000

Revised Contract Amount:

\$1,952,487

High Bid: \$2,352,000

Contract Percent Complete:

16%

Number of Bids: 3

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Kentucky Children's Hospital NICU

Project Number: 2402.30

Project Description:

Scope: \$81,436,466

The re-development of existing facilities in Pavilion HA is necessary for Kentucky Children's Hospital to establish a modern, state-of-the-art facility for Kentucky's pediatric health care needs. This space will allow for development of pediatric outpatient and family support services and will replace the outdated and undersized NICU with space consistent with today's standard of care for delivery of pediatric health care.

Consultant: GBBN Architects

Contract # A151180

Original Contract Amount: \$3,648,000

Total Amendments to Date: 5

Cumulative Amendment Amount: \$1,505,687

Describe all amendments :

Revised Contract Amount: \$5,153,687

Amendment 1, 2/9/16, an increase of \$750,000 was approved for additional design and construction administration services to provide additional scopes of work in the morgue, clinical engineering, soiled dock, bed storage/transport, and pandemic. This work is necessary to enable the expansion of the NICU. Amendment 2, 3/15/17, was approved for an increase of \$290,264 for an increase in plan review fees by KY Dept. of HB&C, revisions to adjacent hospital areas impacted by the construction project, an extension of the construction schedule, additional work required to facilitate the purchase of owner furnished air handling equipment, and additional evaluation of lighting controls to support an owner requested value engineering change. Amendment 3, administrative zero dollar amendment that shifts allowances for reimbursable services. Amendment 4, 11/14/17, an increase of \$371,005 was approved for additional design services necessary for redesign of the kitchen grease trap, lobby art placement, and additional scope to the PICU and Pediatric Endoscopy Suite. The amendment also includes additional structural engineering costs associated with existing conditions. Amendment 5, 6/12/18, an increase of \$94,418 was approved for additional design services for a monitor support wall system, to address related miscellaneous structural issues, and to administer acoustic testing of the new NICU and existing facility. **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 # 7500040310

Original Contract Amount: \$52,962,681

Total Change Orders to Date: 341

Cumulative Change Order Amount: \$3,135,852

Low Bid:

Revised Contract Amount: \$56,098,533

High Bid:

Contract Percent Complete: 99%

Number of Bids:

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

Change Order # 19, 11/17/16, was approved for an increase of \$96,606 to remove all ductwork and associated piping from the existing vertical chute which will become the shaft for elevator 56. Revise ductwork and piping at elevator 57 & 58 to accommodate the changes at elevator 56. Change Order # 22, 11/17/16, was approved for an increase of \$46,668 to revise plumbing and mechanical scope of work on Pavilion HA 2nd, 3rd, 6th, and 7th floor plans for installation of elevators 56,57, and 58 due to found conditions. The HVAC in the elevator lobbies was fed from the trash chute and not from the floors as previously indicated. Change Order #24, 11/17/16, was approved for a decrease of \$411,656 to provide a value engineering credit for changes in the drywall trade package. Change Order # 28, 12/14/16, was approved for an increase of \$37,200 to demolish all fire protection and electric from the Pavilion HA trash chute which becomes the elevator 56 shaft. Relocate children's hospital elevator feeders and communications cables to the 7th floor. Change Order # 31, 1/3/17, was approved for an increase of \$56,776 to bring the topping slab back to an acceptable tolerance in preparation for contracted final leveling and new flooring. Change Order # 32, 1/6/17, was approved for an increase of \$44,483 to relocate existing sanitary, vent, acid waste, and steam condensate piping in building HA on first floor to coordinate with new utilities. Change Order # 34, 1/17/17, was approved for an increase of \$87,808 to furnish and install temporary scaffold from the ground up to the 6th floor to accommodate the slab removal process at elevators 56, 57, and 58. Change Order # 41, 1/3/17, was approved for a decrease of \$26,966 to provide a credit for the tower crane temporary generator rental and fuel due to the MRI building being brought off line a week ahead of schedule. Change Order #43, 1/27/17, was approved for a decrease of \$181,003 to

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to provide a credit for eliminating specialty glass for the Stanley ICU entrances. Change Order # 46, 2/21/17, was approved for an increase of \$36,376 to provide demolition work and shear wall reinforcing associated with the enlargement of the existing door opening that leads from the ground floor of Pavilion H to the exterior courtyard. Change Order # 47, 2/20/17, was approved for an increase of \$73,353 to replace the exterior strip windows in the first floor office HA1116 in Pavilion HA. Change Order # 51, 2/21/17, was approved for an increase of \$29,985 to provide additional excavation, demolition, and new work required for the exterior courtyard. Change Order # 57, 3/3/17, was approved for an increase of \$56,448 to expedite the schedule of the Pavilion HA elevators and elevator lobbies to limit the amount of time employees and patients are impacted by the construction process. Change Order # 60, 3/17/17, was approved for an increase of \$32,563 to demolish existing relief duct from return fan and replace with new duct. Reroute ductwork in the area in coordination with the new duct. Change Order # 62, 3/13/17, was approved for an increase of \$39,303 to relocate existing conduit to conceal in a wall cavity. Change Order # 63, 3/17/17, was approved for an increase of \$125,646 to furnish and install new 20" chilled water lines through the new Pavilion HA ground floor mechanical room. Existing lines are 32 years old. Change Order # 64, 3/13/17, was approved for an increase of \$51,482 to add a connection for mechanical cold water to plumbing back flow preventer and route cold water to after coolers in the ground floor mechanical room and existing first floor mechanical room. Change Order # 65, 3/14/17, was approved for an increase of \$55,591 to rework the domestic water piping on first floor of Pavilion H to separate the piping to Surgery, on second floor above, from the NICU water service. This will allow surgery to remain on-line while NICU is constructed. Change Order # 68, 3/17/17, was approved for an increase of \$64,344 to replace aging 6" and 8" underground domestic water lines entering the east side of Pavilion H through the new construction. Relocate 12" sanitary line as required for drilling work. Change Order # 70, 3/23/17, was approved for an increase of \$92,325 to provide demolition and disposal of the existing precast panels at the Gill Building level one. This is along the pedway on the west side of the existing courtyard where the new NICU first floor lobby ties into the existing building. Change Order # 71, 3/23/17, was approved for a decrease of \$30,312 to provide a credit for the deletion of eight automatic door operators and to change six door frames from aluminum to hollow metal. Change Order # 73, 3/23/17, was approved for an increase of \$25,400 to provide for removal and replacement of the affected sprinkler lines, rerouting of the domestic water supply and return, and rerouting of pneumatic controls associated with the enlargement of the existing door opening that leads from the ground floor of Pavilion H to the exterior courtyard. Change Order # 76, 3/24/17, was approved for an increase of \$29,795 to revise door and fixed window integral blinds from those with an external crank wheel to those with a thumbwheel control. Change Order # 78, 4/6/17, was approved for an increase of \$29,290 to revise the door hardware and provide a twenty minute rating on the NICU enabling door, add card readers to four doors, add airhones in the new Pavilion HA elevator lobbies at two doors, and increase the width of three doors to increase the functionality of the doors and security system. Change Order # 83, 4/6/17, was approved for an increase of \$44,977 to install a new 6 foot concrete masonry corridor, a rated double door assembly, and a new fire alarm panel room in existing shell space. Change Order # 94, 5/1/17, was approved for an increase of \$31,284 to modify and coordinate new and existing utilities in the first floor mechanical room with the new air-handling unit (AHU). Change Order #105, 5/12/17, was approved for an increase of \$88,975 to replace and relocate existing fire alarm control panels in the area of the old kitchen. New state of the art panels are required to support the needs of the NICU project and to lay the groundwork for future renovations of subsequent upper floors in Pavilion H. Change Order # 107, 5/17/17, was approved for an increase of \$32,289 to purchase glass panel for sixty two Stanley doors. Change Order # 108, 5/17/17, was approved for an increase of \$29,513 to re-route existing morgue exhaust ductwork, and several power and fire alarm conduits in the VA corridor. Change Order # 113, 5/31/17, was approved for an increase of \$25,288 to provide unforeseen sitework within the courtyard due to grade lower than indicated on existing documents. Change Order # 126, 6/16/17, was approved for an increase of \$122,712 to construct a new Intermediate Distribution Frame and External Intermediate Distribution Frame (IDF/EIDF) room in Pavilion H ground floor to provide for the phone and data needs for this project and have expansion capacity for the anticipated needs of future projects in this area. Change Order # 129, 6/28/17, was approved for an increase of \$38,802 to change the cable tray in several areas from 24" wide to 12" wide for fit coordination issues found during the BIM process. Change Order # 138, 6/28/17, was approved for an increase of \$56,900 install flexible conduit raceway for data cabling in each of the 84 headwalls located in patient, exam, and procedure rooms. Change Order # 143, 7/7/17, was approved for an increase of \$34,598 to provide electrical utilities in the existing ground floor shell space as required by building code requirements. Change Order # 152, 7/7/17, was approved for an increase of \$44,739 to change all HVAC diffusers and grilles to perforated face, add eleven air terminal devices, and provide additional BIM coordination time associated with diffuser and grille changes. Change Order # 166, 8/16/17, was approved for an increase of \$40,368 to provide miscellaneous architectural and MEP revisions to the Media Program room HA1112. The "as bid" design of the Media Program room was preliminary at bid. Change Order # 180, 9/15/17, was approved for an increase of \$25,709 to

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

provide finish upgrades to existing Pavilion H corridors on the ground and first floors due to the age and proximity of the new construction. Change Order # 187, 9/27/17, was approved for an increase of \$30,434 to add fourteen smoke dampers at smoke barrier walls on the ground floor and one fire damper and fire wrap on the exhaust penetrating fire rated wall in two locations. Also includes relocation and revision of circuiting for power to the smoke dampers. Change Order # 199, 10/18/17, was approved for an increase of \$75,000 to demolish and dispose of the existing floor slab located in Pavilion HA and replace with a new slab due to previous mercury contamination. Also includes mercury remediation, removal, and disposal of the under slab sanitary line. Change Order # 213, 11/9/17, was approved for an increase of \$67,603 to provide additional conduit necessary to add and integrate an additional communications closet. Closet was added to address cabling capacity issues. Change Order # 223, 12/18/17, was approved for a decrease of \$65,390 to delete the SoundTech glass textile (acoustical) wallcovering from all NICU patient rooms. Change Order # 232, 12/22/17, was approved for an increase of \$26,575 to provide new precast 6000-gallon grease trap interceptor to replace an existing 3000-gallon interceptor. Change Order # 246, 2/5/18, was approved for an increase of \$154,790 to provide excavation and installation of a new precast grease trap, temporary removal of sanitary liquid and grease during installation of new grease trap, and to provide backfill, regrade, and install paving and concrete to finish the area to complete the soiled dock per the plans. Change Order # 258, 3/8/18, was approved for an increase of \$25,551 to fabricate and install 8 new solid surface window sills. Change Order # 278, 3/28/18, was approved for an increase of \$33,629 to provide necessary changes to bring stair F exit passage compliant with current fire codes. Change Order # 280, 3/30/18, was approved for an increase of \$33,971 to purchase the curved aluminum shoes that support the translucent acrylic backlit panes from 3 Form. Panels located at three main reception desks and the family lounge. Change Order # 304, 5/1/18, was approved for an increase of \$28,967 to revise the final location of the level 1 Pavilion A Lobby smoke door. Change Order # 314, 5/2/18, was approved for an increase of \$25,148 to provide for illumination in the lobby entrance architectural graphic and addition of illuminated panels at the level 1 reception area back-wall.

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK Healthcare Facilities (Phase I-G) - Surgery Phase 1-3A Pavilion A

Project Number: 2402.70

Project Description:

Scope: \$30,077,595

This project will fit-out 10,200 SF of shell space on the second floor of Pavilion A to expand the existing Surgery Department. This will include five operating rooms (OR's), a Hybrid OR, and support spaces. An additional 15,558 SF of shell space will be fit-out for use as a pre-op/post-anesthesia care unit (PACU) to support the new surgery space.

Consultant: Artekna Design

Contract # A151260	Original Contract Amount:	\$361,875
Total Amendments to Date: 3	Cumulative Amendment Amount:	\$467,195
Describe all amendments :	Revised Contract Amount:	\$829,070

Amendment 1, 2/9/16, an increase of \$428,000 was approved for design services as required to buildout additional post anesthesia care unit (PACU) spaces and ancillary functions to support the operating rooms (OR's) included in the project. Amendment 2, 9/29/17, an increase of \$8,745 was approved for addition of signage and wayfinding design. Amendment also includes additional plan review fees due to a change in fee structure at Housing, Building, & Construction. Amendment 3, 6/21/18, an increase of \$30,450 was approved for additional construction administration services due to a schedule extension for added scope. **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 # 7500049654	Original Contract Amount:	\$11,750,647
Total Change Orders to Date: 076	Cumulative Change Order Amount:	\$792,176
Low Bid:	Revised Contract Amount:	\$12,542,823
High Bid:	Contract Percent Complete:	100%
Number of Bids:		

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

Change Order # 20, 9/1/17, was approved for an increase of \$45,331 to provide a night shift supervisor in addition to the normal day shift supervisor. Hospital management required that the necessary access to first floor ceilings in occupied areas be performed at night to minimize the impact of normal operation. Change Order # 43, 12/18/17, was approved for an increase of \$36,049 to add 2 sets of cross corridor double doors on magnetic hold-opens and tie them into the fire alarm in the added PACU rooms. Change Order # 48, 12/18/17, was approved for an increase of \$40,443 to disconnect existing instrument air piping and reconnect the piping to the nitrogen manifold downstream of zone valve in all ten OR rooms. Rooms will use nitrogen for power tools rather than instrument air. Change Order # 53, 2/26/18, was approved for an increase of \$32,614 to provide necessary changes in water piping, sprinklers, and door frames facilitating the future fit-out of Surgery Phase 3. This work will allow for less disruption in adjacent occupied corridors and surgical spaces during phase 3 of construction. Change Order # 60, 4/11/18, was approved for an increase of \$43,075 to replace the center sheet vinyl in the five operating rooms and the hybrid operating room to match the newly updated sheet vinyl in the existing suite. Change Order # 70, 4/27/18, was approved for an increase of \$30,881 to furnish and install cabling for 22 overhead paging speaker locations. Change Order # 71, 5/2/18, was approved for an increase of \$43,989 to provide additional power and medical gas for the updated model of surgical boom that was chosen after bid. Change Order # 73, 5/21/18, was approved for an increase of \$43,906 to provide data and Philips wireless telemetry monitoring outlets in the surgical booms. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

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
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Total Amendments to Date:	Cumulative Amendment Amount:	
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Describe all amendments :	Revised Contract Amount:	\$1,546,600
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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:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2402.13

Project Description: Scope: \$66,000,000

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:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$3,316,500

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:	\$1,640,254
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$1,640,254
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.

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

Project Number: 2402.12

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

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

Consultant: Stengel-Hill Architecture

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

No amendments this quarter.

Contractor Turner Construction Co.

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

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

Number of Bids:

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Improve Building Systems UK Healthcare Capital Project (Pavilion HA Air Handling Unit #8)

Project Number: 2482.00

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

This project will replace air-handling unit (AHU #8), on the sixth floor of the Pavilion HA of Chandler Hospital, which is in poor mechanical condition. This is necessary to ensure patient safety and comfort, air quality, and compliance with regulatory requirements.

Consultant: CMTA Inc.

Contract # A181110	Original Contract Amount:	\$135,250
Total Amendments to Date: 1	Cumulative Amendment Amount:	\$2,200
Describe all amendments :	Revised Contract Amount:	\$137,450

Amendment 1, 8/14/18, an increase of \$2,200 was approved for the consultant to perform recertification of the Motor Control Center 2 in the Pavilion HA second floor room due to the found condition of undersized internal wires feeding the new 400-amp breaker that will serve the new air-handling unit #8.

Contractor H&R Mechanical

Contract # 7500131518	Original Contract Amount:	\$985,000
Total Change Orders to Date: 007	Cumulative Change Order Amount:	\$90,172
Low Bid: \$985,000	Revised Contract Amount:	\$1,075,172
High Bid: \$1,327,000	Contract Percent Complete:	100%
Number of Bids: 3		

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

Change Order # 3, 5/21/18, was approved for an increase of \$44,868 to provide temporary spot coolers in lab space during air-handling unit 9 shutdown. Change Order # 5, 6/27/18, was approved for an increase of \$30,389 to provide dual feed to steam heating coils and to provide temporary spot coolers in lab space during another air-handling unit 9 shutdown. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Replace Greek Housing (Alpha Gamma Rho Fraternity) Capital Project

Project Number: 2384.00

Project Description:

Scope: \$4,875,000

This project will construct a 21,000 square foot facility for the Alpha Gamma Rho (AGR) fraternity at the corner of Rose Lane and Woodland Avenue in Lexington, Kentucky on land owned by the University of Kentucky. The new facility will house forty two members in two four-bed suites and seventeen two-bed units. In addition, the new fraternity house will include living and dining areas; a commercial kitchen; laundry area; study room; and a house mother's apartment.

Consultant:

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

This is a Design-Build Project. No consultant contract.

Contractor Marrillia Design & Construction

* Design-Build contract awarded by RFP process.

Contract # 7500130051

Original Contract Amount:

\$4,389,000

Total Change Orders to Date: 013

Cumulative Change Order Amount:

\$192,257

Low Bid:

Revised Contract Amount:

\$4,581,257

High Bid:

Contract Percent Complete:

42%

Number of Bids:

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

Change Order # 8, 3/27/18, was approved for an increase of \$36,063 to provide additional casework in team lounge. Also provides required electrical connections for owner furnished ribbon boards. **Change Order # 5, 7/9/18, was approved for an increase of \$68,186 to change the accent brick to a natural stone masonry veneer to enhance the exterior building aesthetic. Change Order # 6, 8/20/18, was approved for an increase of \$97,218 to remediate the unsuitable soils encountered on-site that were not identified on the original geotechnical study.**

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:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$2,065,800

No amendments this quarter.

Contractor Whiting-Turner Contracting Company

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

Contract # 7500161846	Original Contract Amount:	\$3,144,714
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$3,144,714

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade/Renovate/Expand Grain Center of Excellence Capital Project

Project Number: 2458.00

Project Description:

Scope: \$16,746,000

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

Consultant: JRA Architects

Contract # A171110

Original Contract Amount: \$1,199,385

Total Amendments to Date: 1

Cumulative Amendment Amount: \$11,445

Describe all amendments :

Revised Contract Amount: \$1,210,830

Amendment 1, 6/21/18, an increase of \$11,445 was approved for additional special inspections for site work testing.

No amendments this quarter.

Contractor A&K Construction, Inc.

Contract # 7500140752

Original Contract Amount: \$13,546,000

Total Change Orders to Date: 008

Cumulative Change Order Amount: \$40,734

Low Bid: \$13,546,000

Revised Contract Amount: \$13,586,734

High Bid: \$13,798,000

Contract Percent Complete: 28%

Number of Bids: 2

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

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