

FCR 3

Office of the President
September 15, 2017

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending June 30, 2017 be accepted. This report refers only to projects that had activity within this quarter.

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

For the period April 1, 2017 thru June 30, 2017:

There were nine new contracts this quarter:

- | | |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project 2402.13 | Renovate/Upgrade UK HealthCare Facilities (Phase I-I) – Interventional Services Pavilion A, H, & G
- GBBN Architects, \$3,316,500 (<i>Design</i>) |
| Project 2402.15 | Renovate/Upgrade UK HealthCare Facilities (Phase I-I) - Endoscopy Renovation
- GBBN Architects, \$4,446,000 (<i>Design</i>) |
| Project 2460.0 | Renovate/Upgrade/Improve Eagle Building Capital Project
- Marrillia Design & Construction, \$887,857 (<i>Construction</i>) |
| Project 2461.0 | Relocate/Upgrade Athletics Playing Field Capital Project (Soccer Practice Field)
- ATS Construction, \$1,049,000 (<i>Construction</i>) |
| Project 2462.0 | Renovate/Improve UK Good Samaritan Hospital Facilities Capital Project (Replace Air Handling Units)
- CMTA Engineers, \$146,750 (<i>Design</i>) |
| Project 2466.0 | Renovate/Upgrade Student Recreation Fields Capital Project
- Strand Associates, \$198,500 (<i>Design</i>)
- Vescio SportsFields, Inc., \$1,154,790 (<i>Construction</i>) |
| Project 2468.0 | Renovate/Improve UK HealthCare Facilities Capital Project (Simulation Center)
- EOP Architects, \$264,700 (<i>Design</i>) |

- Project 2469.0 Renovate/Improve Athletics Facility Capital Project (Joe Craft Center Locker Room)
- Congleton-Hacker Company, \$1,732,500 (*Construction*)

Four contracts were completed this quarter:

- Project 2403.0 Construct/Expand/Renovate Ambulatory Care Facility - UK HealthCare (Pediatric Hematology/Oncology - Pavilion H)
- Marrillia Design & Construction, \$1,270,692
- Project 2453.0 Construct/Upgrade/Fit-Up Support Services UK HealthCare Capital Project (Good Samaritan Orthopaedic/Spine Services)
- Eubank & Steele, \$920,917
- Project 2431.0 Renovate Academic/Administrative Space: Nutter Football Training Facility Capital Project
- Marrillia Design & Construction, \$3,280,135
- Project 2448.0 Renovate Lucille Little Library Capital Project (Confucius Institute)
- Congleton-Hacker Company, \$1,164,681

Four amendments were as follows:

- Project 2402.8 Renovate/Upgrade UK HealthCare Facilities (Phase I-G) – 11th Floor Fit-Up
- Provide for extended construction administration services necessary for the additional scope of lead-lined rooms and project signage.
(+) \$22,700
- Project 2429.0 Emergency Replacement of Central Heating Plant Boilers Capital Project
- Provide back-up documentation and response over a nine month period for the Central Heating Plant insurance claim. (+) \$4,875
- Project 2444.0 Expand/Renovate/Upgrade Law Building Capital Project
- Provide additional services needed for infrastructure and project scope adjustments since the initial contract. This includes added programming services and additional travel expense. (+) \$668,543
- Project 2461.0 Relocate/Upgrade Athletics Playing Field Capital Project (Soccer Practice Field)
- Provide additional design services for a synthetic turf drill area, equipment storage/restroom building including site utilities, security system, and Neighborhood Association coordination.
(+) \$46,180

Sixty change orders greater than \$25,000 were as follows:

- Project 2363.0 Academic Science Building
- Replace all damaged insulation due to flooding of the vault during construction. (+) \$29,745

Project 2396.0

Renovate/Expand Student Center Capital Project

- Delete walls and adjust beams during the Building Information Modeling (BIM) process to provide extra room required for exhaust ductwork that penetrates the roof between Areas E and F, north of the Multi-Purpose Ballroom (+) \$69,699
- Provide for addition of the necessary electrical and plumbing equipment in the Subway drink station. (+) \$35,507
- Re-route storm lines and overflow outlet. (+) \$39,377
- Revise the wall layout of pump room A181B1 to accommodate the added fire protection dry system and the condensate pump. (+) \$90,051
- Match the custom color range of the roof pavers provided within the landscape contract under bid package # 4 to match the roof pavers provided earlier under bid package # 3. (+) \$45,663
- Shift a portion of the architectural, and mechanical, electrical, and plumbing (MEP) scope for the Barnes and Noble Bookstore space under the umbrella of the Construction Manager to facilitate the overall project schedule, improve coordination, and implement technical work by utilizing the current selected trade contractors. (+) \$727,836
- Provide miscellaneous concrete expenses associated with found conditions and changes made during bid package # 3, after the bid package # 2 concrete subcontract was awarded. (+) \$47,032
- Conceal the exterior edge of the exposed edge angle and the sides of the MLK Bridge with a weather envelope. (+) \$34,851
- Provide additional framing required to conceal mechanical, electrical and plumbing (MEP) and structural elements such as AV boxes, exposed beam with fireproofing, and wall furring. (+) \$29,481
- Provide for relocation of the roof hatch as identified during the BIM process. (+) \$26,857
- Coordinate between Food Service and MEP rough-in identified modifications necessary for Food Service equipment requirements and modifications to the cable tray. (+) \$62,780
- Provide a credit to revise hook-ups for media trucks and delete hook-ups for the outdoor theater. (-) \$110,682
- Provide various revisions for constructability and code required changes per the state inspector. (+) \$40,528
- Extend the snowmelt system for the Martin Luther King (MLK) Bridge. The walkway from MLK pedestrian bridge to the Student Center will be a major pedestrian and accessible pathway between north and central campus. This system will provide a safe pathway from the Student Center to Patterson Drive. (+) \$242,182
- Provide additional coating on the backside of the exterior wall panels to prevent white rust that could occur over time if moisture gets behind the panels. (+) \$48,866
- Provide the additional concrete curb to maintain a weatherproof traffic condition at the threshold between the 3rd floor plaza and the stair

- surface. Additionally, steel angles will receive two part epoxy coating for corrosion protection on the MLK pedestrian bridge. (+) \$32,820
- Provide dedicated circuits required for Americans with Disabilities Act (ADA) push plates added at restroom doors during addendum # 3. (+) \$27,490
- Provide a credit for the remaining retail food service equipment allowance that will be deducted from the project and transferred to the University for direct purchase of materials. (-) \$823,551
- Provide for additional costs to erect steel in Alumni Gym associated with the concealed soil conditions for the steel trade contractors. (+) \$53,768
- Provide for additional costs incurred by the framing contractor due to the phased turnover of the All You Can Eat (AYCE) area. (+) \$99,388
- Provide foundations necessary for various walls that were thought to be included in the bid package # 4 site walls. (+) \$37,613
- Elevate the light bollard to the correct elevation at paver and river rock locations, while ensuring a water tight detail. (+) \$34,256
- Provide a new sidewalk along Limestone Avenue. Other changes include upgraded pavement finishes, revised site furnishings, and increased width of pedestrian sidewalks to provide space for increased pedestrian traffic surrounding the Student Center. (+) \$280,561
- Provide additional concrete required to support the stone on the MLK pedestrian bridge. (+) \$30,724
- Provide for incorporation of fire alarm system revisions and detector changes made to improve maintenance and resolve discrepancies found during code review. (+) \$27,422

Project 2402.3

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) – Kentucky Children’s Hospital NICU

- Revise the door hardware and provide a twenty-minute fire rating on the Neonatal Intensive Care Unit (NICU) enabling door, add card readers to four doors, add airhomes 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. (+) \$29,290
- Add a custom mosaic mural in the lobby. (+) \$36,310
- Provide for installation of a 6 foot concrete masonry corridor, a rated double door assembly, and a new fire alarm panel room in existing shell space. (+) \$44,977
- Modify and coordinate new and existing utilities in the first floor mechanical room with the new air-handling unit (AHU). (+) \$31,284
- 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. (+) \$88,975
- Purchase glass panel for sixty-two Stanley doors. (+) \$32,289

- Re-route existing morgue exhaust ductwork, and several power and fire alarm conduits in the Veteran's Administration (VA) corridor. (+) \$29,513
- Provide unforeseen site work within the courtyard due to grade being lower than indicated on existing documents. (+) \$25,288
- 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. (+) \$122,712
- Change the cable tray in several areas from 24" wide to 12" wide for fit coordination issues found during the BIM process. (+) \$38,802
- Install flexible conduit raceway for data cabling in each of the 84 headwalls located in patient, exam, and procedure rooms. (+) \$56,900

Project 2425.0

Construct Research Building Capital Project

- Modify the medium voltage system to accommodate the requirements resulting from the electrical coordination study. (+) \$44,488
- Furnish the labor and materials required for the structural steel mock-up support structure. While the bid included architectural needs for the mock up structure, the final scope of the structural steel was not complete until after the construction documents were released for bidding. (+) \$35,755
- Revise the penthouse structural steel and roof top walkway due to the purchase of heavier than designed exhaust fans. (+) \$54,886
- Provide conduit and cable revisions as necessary for underground pathways and city equipment along Limestone based on field coordination with Kentucky Utilities and Lexington Fayette Urban County Government (LFUCG). (+) \$30,762
- Provide 36 inch chilled water piping with restraint joint ductile iron fittings in lieu of mechanical joint fittings. The joint ductile fittings are superior in terms of reliability and long-term life. (+) \$193,288
- Provide for structural revisions to modify sleeves, openings, and connections to accommodate found conditions when the structure of the existing Research Building was penetrated. (+) \$27,649
- Construct a temporary parking lot for 93 cars in the vicinity of the intersection of Virginia Avenue and South Limestone. (+) \$47,536
- Provide for duct revisions revealed during MEP coordination needed to address mechanical shaft space constraints. (+) \$70,831
- Install a masonry veneer on the tower addition of the Press Avenue utility plant to match the exterior of the existing plant. (+) \$94,056

Project 2429.0

Emergency Replacement of Central Heating Plant Boilers Capital Project

- Provide for increased price delays for project startup due to delay caused by insurance settlement. (+) \$38,857
- Provide asbestos abatement for all critical areas of the plant taking advantage of economies of mobilization. (+) \$37,736

Project 2437.0

Construct Baseball Facility Project

- Provide a Value Engineering (VE) credit to revise plumbing and mechanical items. (-) \$94,488
- Provide a VE credit to revise general scope requirements and electrical items. (-) \$234,173
- Provide a VE credit to modify the structural steel requirements as well as the steel and terrazzo details of stairs. (-) \$113,480
- Provide a credit 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. (-) \$27,054
- Provide a VE credit to change the post sizing for the ornamental fencing, adjusting the amount of ornamental fence and vinyl coated chain-link fence. (-) \$66,137
- Provide a VE credit to revise general trade items. (-) \$97,875
- Provide a VE credit to revise architectural metal panels for the project, and provide alternative materials. (-) \$39,027
- Provide a credit for reduction of the allowance for unsuitable soils since all major excavation has been completed. (-) \$169,482
- Liquidate the remaining allowance for the remediation of coal leachate on the project. (-) 25,679
- 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. (+) \$314,452

Project 2456.0

Repair/Upgrade/Improve Building Mechanical Systems Capital Project - (Dickey Hall)

- Provide for additional controls scope as a result of building controls coordination meeting. (+) \$40,118

Project 2461.0

Relocate/Upgrade Athletics Playing Field Capital Project (Soccer Practice Field)

- Provide a concrete mow strip under perimeter chain-link fence outside of the turf field and drill area. (+) \$26,212

Action taken: Approved Disapproved Other _____

CAPITAL CONSTRUCTION CONTRACTS QUARTERLY ACTIVITY REPORT

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

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY REPORT

Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Major Projects
Capital Project Management Division
July 2017

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 4,500 spectators, locker rooms, offices, concessions, viewing suites, a practice infield, scoreboard, sport turf maintenance facilities, and a parking area.

Project Status:

Additional Request for Proposals (RFP's) for facility lockers, synthetic turf field, field lighting, scoreboard, & seating were issued and awarded. Construction activities continue on site work, drilled pier caissons, poured foundation walls for lower levels, lower level concrete floor slabs, and commencement of steel structure erection. Deep site utility work continues.

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 will be bid and constructed in six design release (DR) packages to support the design process and the schedule.

DR #1 Site Clearing and Mass Excavation & DR #2 – Foundation and Underground Utilities - The contracts for DRs 1 and 2 are now complete.

DR #3A - Building Concrete Frame – This package contains the balance of the poured-in-place concrete structure for the project. The last elevated deck was poured the week of April 24, 2017. The remaining work includes housekeeping pads and several miscellaneous small pours that serve to detail the structure.

DR #3B – Core & Shell/Main MEP Systems/Site Improvements – This package includes the “skin” of the building, external and internal masonry elements, the structural steel frame for the connector, roofing, as well as fire protection, mechanical and electrical core elements. All the contracts in this package have moved thru the shop-drawing phase and are in full production. The installation of the skin began on the northeast sector of the building in early April 2017. The light metal framing and sheathing is now 95% complete. The mason began laying the brick veneer exterior July 31, 2017. Concrete masonry walls on the lower level, the stair tower enclosures, and elevator shafts is 98% complete. The major elements of the structural steel that frames the penthouse and the three-story connector with the BBSRB building are in place. The erection crews will be on site detailing the structure for the next thirty days. The roofing of the pent house is 50% completed as the installation moves from north to south. The installation of horizontal mechanical and electrical services passing over the basement spaces is 85% complete. Duct work and piping installation in the vertical risers and penthouse will continue for the next several months.

DR #4 Elevators – This work was awarded was awarded via an RFP to Thyssen Krupp. Engineering and shop drawing production for the two elevators in the package is complete. The first machine was set July 26, 2017. Work on the second and third units it will follow in the coming weeks.

DR #5 – Building Fit-Out – This package includes fit-up of two floors of the building as well as most common areas to include most horizontal mechanical and electrical systems supporting these areas. All the elements in this package are now under contract. The shop drawings and scheduling associated with these contracts is moving forward on schedule. The building information modeling (BIM) process near completion for this package. The metal framing for the second floor is 50% complete. Horizontal runs of mechanical and electrical systems is being run on the first and second floors. This work will continue for the next three months moving upward thru the building.

DR #6 CUP and Infrastructure. This package includes the purchase and installation of a new chiller for the Press Avenue plant, the purchase and installation of an additional generator for the BBSRB generator plant, and the installation of a utility spline from Press Avenue plant to existing piping and ductbanks near the intersection of Limestone and Leader Avenue. All work in the package is bid and the contracts are in place and within budget. The chiller purchased via RFP was delivered and set into place July 29, 2017. The connection of the services to the new unit began immediately and is expected to take three months. The emergency generator was also purchased via RFP and is scheduled for delivery in mid-October 2017.

The utility spline is constructed from west to east beginning at the southeast corner of the existing plant. The first phase of this work in the area of the parking impound lot began April 24, 2017. The excavation is complete for this phase and chilled water piping is being installed. The concrete foundation and floor for the steam pathway in the phase is underway. The second phase includes the crossing of Press Avenue and began the second week of June 2017 when Press Avenue was closed. The excavation for this phase is 85% complete. Press Avenue is scheduled to be reopened the second week in September 2017. At that time, the work will continue east toward Limestone along Leader Avenue. The pathway of the spline requires tunneling under Limestone near the Saunders-Brown Building. This work is under way and should be complete by late fall 2017. During the final phases of the construction, the two excavations will be joined to complete the chilled water, steam and high voltage connections thus providing redundant connections connecting the Press Avenue plant and the central system.

Construct/Expand/Renovate Ambulatory Care Facility - UK HealthCare Capital Project (Warren Wright Medical Plaza - First Floor)

Project Description:

This project will renovate the areas currently occupied by the Department of Orthopedic Surgery's clinic located on the first floor of the Warren Wright Medical Plaza Building. This renovation project will create more usable exam rooms; enhance patient and staff circulation; improve waiting areas; and upgrade the HVAC systems to current standards. These improvements also will support the consolidation of clinical services resulting in more efficient operations necessary to manage the increasing volume of patients.

Project Status:

Demolition is complete. Approximately 40% of the framing is in place; installation of ductwork and piping continues. Substantial completion is scheduled for November 2017.

Design/Renovate/Upgrade Hospital Facilities – Good Samaritan Capital Project

Project Description:

This project will address the needs of the patient population and the clinical services offered at Good Samaritan. Specific elements will include expanded service capabilities, private patient rooms, improved staff support spaces and enhanced patient and family waiting space. The scope will include renovating approximately 12,090 square feet of the existing Good Samaritan Emergency Department, as well as expand patient and family waiting by adding 1,250 square feet to the existing 344 square feet waiting room. The construction will be phased into multiple segments to allow patient care to continue throughout the renovation, which is scheduled to last 21 months.

Project Status:

An above ceiling inspection for Phase 5B occurred July 26, 2017. Substantial completion is scheduled for August 18, 2017. Once complete, the contractor will proceed with demolition on Phase 6, which has a duration of 50 days. Substantial completion for the overall project is scheduled for February 2018.

Emergency Replacement of Central Heating Plant Boilers Capital Project

Project Description:

On March 27, 2015, the University's Central Heating Plant suffered a severe fire rendering two boilers inoperable. The status of the second boiler is questionable, but may require replacement as well. These boilers are a significant

component of the campus heating infrastructure capacity and their inoperability compromises our ability to heat the campus for the next heating season.

Project Status:

The new boilers were shipped and installed in the building. Connection of utility piping commenced and is ongoing. The replacement of the brick façade along Upper Street is complete. Window installation will follow. Work is currently on schedule for the boilers to be tested and brought online for the winter 2017-18 heating season.

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:

Bids have been received and awarded for Bid Pack #1 for General Trades, Abatement and Demolition work, as well as the first phase of supporting electrical infrastructure work. The General Trades contractor has mobilized with site fencing, and abatement and demolition is currently in progress. The new work bid package is tentatively planned to bid in mid-Oct. 2017. Construction will be completed in the summer of 2019, in time for occupancy for the 2019 fall semester. The project is currently on schedule and in budget.

Relocate/Upgrade Athletics Playing Field Capital Project (Soccer Practice Field)

Project Description:

This project will replace and relocate the Soccer Practice Field for the University's Soccer Program. The current soccer practice field is inadequate and needs to be replaced to meet the existing and future needs of the program. Additionally, the location of the current soccer practice field is inconsistent with the Athletic Department's facility plans, as it needs to be relocated to accommodate the construction of the new Baseball Facility at Alumni Drive and College Way. This project will include upgrading the soccer practice field with natural turf and lighting to better accommodate practice.

Project Status:

All sub-base and finish grading are complete, with underground drainage and irrigation systems installed and operating. Natural turf sod was placed and is growing for use in August 2017. The synthetic turf drill areas are being installed and the perimeter fencing is being installed.

Renovate Lucille Little Library Capital Project (Confucius Institute)

Project Description:

The Hanban/Confucius Institute Headquarters of China is a public institution affiliated with the Chinese Ministry of Education and provides Chinese language and cultural teaching resources and services worldwide. The University of Kentucky Confucius Institute was established in 2010 as a center for Chinese language, culture, art, and business and a gateway to China for the University. It has been recognized as Confucius Institute of the Year in 2012 and 2014, one of 15 awards given annually to more than 400 Confucius Institutes worldwide in 115 countries. The University of Kentucky has committed to renovate a portion of the ground floor of the Lucille Little Library for the Confucius Institute for a period of not less than 25 years. The dedicated area consists of approximately 6,200 square feet of interior space and 1,800 square feet of exterior space.

Project Status:

Project achieved substantial completion and occupants were relocated to the newly renovated facility in May 2017.

Renovate Third Floor F. Paul Anderson Tower Capital Project

Project Description:

The James and Gay Hardymon Center for Student Success will be a central place where engineering students can access all of the College's student services. Project includes interior renovations to existing third Floor of the F. Paul Anderson Tower. Project is relocating various student affairs support services currently spread out across the Engineering College campus, onto one floor. The Student Services Center will occupy approximately 10,000 square feet of renovated space recently vacated by the Engineering Library. The Center will house the College's Office for Student Advising, Office of Career Services and Student Records. The Center will also provide students computer and tutoring labs and additional study space. An alternate is also included to renovate a portion of the ground floor of the F. Paul Anderson Tower

Project Status:

Interior finishes including paint, ceiling tile, flooring and door/hardware installation continues. Substantial completion is scheduled for mid-August 2017.

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:

Finishing of interior walls is in progress in many areas of the building, to include finishing gypsum board, painting, and suspended ceilings; mechanical, electrical, & plumbing (MEP) rough-ins continue; exterior wall framing and enclosures also continue to make progress. Site work is progressing with site walls and sidewalks nearing completion along Administration Drive. Exterior stone work and masonry on the building façade are in progress, as well as the steel wall panels and curtainwall systems. Work has been re-sequenced to expedite the completion of the all you care to eat dining (AYCE) area. AYCE to be completed early January 2018. The remaining phase is scheduled to be completed by the end of March 2018.

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

Project Description:

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.

Project Status:

A contract has been awarded to Congleton-Hacker Construction Company to perform this work. Demolition is nearing completion and new work has begun. Separate purchase orders are being issued for audio-visual support and graphics. Substantial completion is scheduled for December 2017. The project is in budget and on schedule.

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:

Schematic Design is complete. The project is now in the Design Development stage.

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

Project Description:

This project will renovate the areas on the third floor of the Medical Plaza Building for the Department of Otolaryngology commonly referred to as Ear, Nose, and Throat (ENT). Improvements include more usable exam rooms, enhanced patient and staff circulation, improved waiting areas, and upgraded HVAC systems.

Project Status:

This project is currently out for bid, with a bid opening scheduled for August 4, 2017. Construction is scheduled to begin in August 2017, with substantial completion scheduled for mid-May, 2018.

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 project is in design and options are being evaluated for work within the penthouse to minimize disruption to the facility during the construction period.

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

Project Description:

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.

Project Status:

Construction will begin in August 2017.

Renovate/Upgrade Student Recreation Fields Capital Project

Project Description:

This project includes installing artificial turf and lighting on two existing fields located on Sports Center Drive behind Nutter/Shively.

Project Status:

Grass and organic material has been removed from the fields, and site grading is complete. Musco site lighting has been installed, and all owner furnished items have been delivered to the project site. Synthetic turf, transformer, perimeter irrigation, fiber, security cameras, fence modifications, and windscreen installation scheduled to commence in August 2017. The project is currently scheduled to complete mid-September 2017.

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

Project Description:

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.

Project Status:

All structural steel is complete. Masonry construction is complete. Roofing is nearing completion on all building additions. The building additions are nearing completion with all added areas dried in. The elevator shafts under construction in Pavilion HA are complete, and elevators are being installed. Interior framing in the renovated spaces is complete and mechanical, electrical, and plumbing (MEP) rough in is progressing nicely. Installation of modular headwalls and casework continues. The scheduled date for substantial completion is February 2018.

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) – 11th Floor Fit-Up

Project Description:

This project will fit-out patient floor 11 in Pavilion A. This will include 63 patient rooms; 24 ICU rooms, and 39 acute care rooms with all staff support and ancillary spaces to provide a fully functioning patient floor. The 11th floor is programmed to be a cancer treatment floor.

Project Status:

Work progresses on schedule. Framing is complete. Drywall installation and finishing is nearing completion. Final finishes, casework, doors, and mechanical, electrical, and plumbing (MEP) trim out is progressing. The west tower is nearing completion and final punch list reviews have begun. Air handling units (AHU's) are installed and the controls are currently being programmed. Substantial completion currently is scheduled for October 2017.

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) –Surgery Phase 1-3A

Project Description:

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.

Project Status:

Construction began in February 2017. Wall layout and framing is complete. Gypsum board install has begun. Rough-in of utilities is moving forward per schedule. The owner furnished air-handling unit (AHU) was delivered last month. The scheduled date for substantial completion is March 2018.

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

Project Description:

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

Project Status:

GBBN was chosen as the project architect. Initial programming meetings have begun with the medical team and UK HealthCare Office of Facilities Planning and Development.

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

Project Description:

The Interventional Services project requires the fit out of approximately 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.

Project Status:

GBBN/HGA was selected as project consultant and the contract is in place. Initial programming meetings have begun with the medical team and UK HealthCare Office of Facilities Planning and Development.

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:

Stengel Hill Architecture is proceeding with design activity. The schematic design is complete and design development work continues.

Renovate/Upgrade/Improve Eagle Building Capital Project

Project Description:

This Project will renovate and upgrade the facility to accommodate use by the College of Fine Arts and relocate all WUKY operations from McVey Hall to the Eagle Building. The Capital Project will include interior reconfiguration of the existing recording studios into several new broadcast booths and a control room. Three new pre-fab accessory structures will be added to the structure and will include storage space, workshop, and transmission space for the radio broadcast equipment. Additionally, an emergency generator and a 189-foot monopole transmission antenna will be added and parking may be expanded from 13 to 36 spaces.

Project Status:

The radio antenna is installed along with the building pods. The interior walls, carpet, and paint are complete, as well as the sound studios. The building is now up and running on the University of Kentucky network. The job is about 75% complete.

Repair/Upgrade/Improve Building Mechanical Systems Capital Project (Dickey Hall)

Project Description:

This project will replace the heating ventilation and air conditioning (HVAC) in Dickey Hall. KJWW Engineering completed an assessment of the existing HVAC systems servicing Dickey Hall in March 2016. The study found that the mechanical system is inefficient and does not provide reliable comfort for the building's occupants. The HVAC and lighting renovation of Dickey Hall consists of new water-cooled Variable Refrigerant Flow systems with 3-pipe heat recovery. A 100% Dedicated Outdoor Air System with steam heat coil providing treated outdoor air to entire

building. LED lighting has been added to most spaces. Dimmers and occupancy sensors are included in lighting design. Building wet sprinkler system added to entire building and fire alarm system upgrades are provided. Generator provides emergency power for life safety and freeze prevention in winter. New BMS with DDC controls system provided for entire building to connect to Delta Room. New ceilings and rework of existing ceilings are included in project.

Project Status:

Ductwork, fire protection, ceiling grid/tile, and light fixtures continue. The emergency generator and Variable Refrigerant Flow (VRF) condensing units have been set in the mechanical room. Substantial Completion is scheduled for mid-August 2017.

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 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.

Project Status:

The Design Development design phase nears completion. The project is scheduled to bid mid-December 2017. Substantial Completion is scheduled for April 2019.

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:

A design contract To JRA Architects was sent to Frankfort on July 31, 2017 for approval. Schematic design meetings are currently being scheduled. The design phase is scheduled to complete January 12, 2018 with a substantial completion date of July 26, 2019.

Lewis Hall

Project Description:

This project makes up the Phase III-B development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate student housing. This building, Lewis Hall, is a five (5)-story building that will provide undergraduate housing for honors students. It also includes 20,050 square feet of fit-out space for the Lewis Honors' College. The building includes 346 beds. This building will sit on the corner of Hilltop Drive and University Drive.

Project Status:

All construction work is nearing final completion in preparation for the upcoming semester. This project has achieved substantial completion and will be occupied during the 2017 fall semester.

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

Project Description:

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.

Project Status:

Champlin Architects were selected as designer. The contract is in Frankfort awaiting approval. Project design is expected to complete in early October 2017 with bidding to occur later that same month.

Replace Greek Housing Pool – Alpha Gamma Rho (AGR)

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:

A Design-Build RFP was issued in June 2017. Three construction and architectural firms were short listed on July 26, 2017. The firms will interview on September 26, 2017.

University Flats

Project Description:

This project is the Phase III-A development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. This building will be divided by a separation wall to provide undergraduate housing on one side that will be separated from graduate housing on the other side. The building will be seven stories high, with 771 beds, including 59 studio apartment units. This building will sit on a green field between the Blanding Complex and University Drive.

Project Status:

All construction work is nearing final completion in preparation for the upcoming semester. This project has achieved substantial completion and will be occupied during the 2017 fall semester.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Academic Science Building

Project Number: 2363.00

Project Description:

Scope: \$112,000,000

This project will construct a new Academic Science facility. The new facility will house most of the introductory science laboratory courses allowing students to learn the commonalities of multiple science disciplines in an interdisciplinary fashion and model "team problem-solving". The facility will be student oriented, having an open environment that encourages interaction and collaboration beyond the classroom. The new building will also contain premier interdisciplinary undergraduate science teaching labs and classrooms as well as student commons space, group and individual study rooms, and other amenities. The project also includes 49,500 gross square feet of shelled research space.

Consultant: JRA Architects

Contract # A131210

Original Contract Amount: \$7,445,842

Total Amendments to Date: 2

Cumulative Amendment Amount: \$912,575

Describe all amendments :

Revised Contract Amount: \$8,358,417

Amendment 1, 4/14/15, an increase of \$751,250 was approved for additional design of bid packages not originally envisioned at the start of the project. These include relocation of the occupants of Wenner Gren into the Multi-Disciplinary Science building, long lead delivery coordination affecting elevators and structural steel frame, and the academic fit-up of six shelled rooms due to favorable bids to date. **Amendment 2**, 2/9/16, an increase of \$102,000 was approved for additional design services related to building wayfinding, donor signage, and backfilling of vacated space. **Amendment 3**, 8/16/16, was approved for an increase of \$59,325 to provide for additional interactive media design, development, and installation. This includes the touchscreens for the atrium and hallways. **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 # 7500019604``

Original Contract Amount: \$85,421,941

Total Change Orders to Date: 217

Cumulative Change Order Amount: \$6,272,658

Low Bid:

Revised Contract Amount: \$91,694,599

High Bid:

Contract Percent Complete: 99%

Number of Bids:

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

Change Order # 17, 8/8/14, was approved for an increase of \$250,260 to provide for disposal and oversight of disposal of non-friable asbestos discovered within the exterior cavity of Donovan Hall during demolition, as well as disposal of impacted materials such as exterior brick and portions of the concrete frame. **Change Order # 19**, 12/21/14, was approved for an increase of \$27,198 to provide for handling and disposal of non-friable asbestos discovered in the roof of the Werner Gren Addition and the parapet of the original Wenner Gren building. **Change Order # 22**, 12/21/14, was approved for an increase of \$27,278 to provide third party oversight and sampling/monitoring provided by Sierra Environmental during asbestos abatement and disposal on Donovan Hall as well as numerous locations of site utilities. **Change Order # 26**, 5/18/15, was approved for a decrease of \$76,017 to provide vertical sashes for the bench-top fume hoods and demonstration hoods, in lieu of combination sashes that are not necessary for the end user. **Change Order # 31**, 7/30/15, was approved for a decrease of \$56,083 to provide a credit to omit the work for the temporary sidewalk installation along the west elevation of Haggin Hall. **Change Order # 33**, 8/5/15, was approved for an increase of \$113,851 provide for the addition of a rainwater and condensate collection system to supply an irrigation system. **Change Order # 34**, 8/5/15, was approved for an increase of \$79,600 to replace the lighting fixtures in office spaces with pendant fixtures to provide aesthetic and serviceability consistency with the other lighting throughout the floor. **Change Order # 35**, 8/31/15, was approved for an increase of \$439,767 to complete the mechanical work associated with fit-up of an additional six rooms and four mechanical closets of shell space. **Change Order # 36**, 8/31/15, was approved for an increase of \$303,728 to complete the electrical work associated with fit-up of an additional six rooms and four mechanical closets of shell space. **Change**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Order # 37, 8/14/15, was approved for an increase of \$38,862 to provide and install additional basement underslab drainage and corresponding sump system. **Change Order # 38**, 8/31/15, was approved for an increase of \$193,004 to provide laboratory equipment and casework associated with fit-up of an additional six rooms and four mechanical closets of shell space. **Change Order # 39**, 8/31/15, was approved for an increase of \$311,423 to complete the interior construction associated with fit-up of an additional six rooms and four mechanical closets of shell space. **Change Order # 40**, 8/28/15, was approved for an increase of \$126,310 to provide additional occupancy sensors to one hundred eighteen fume hoods. This will increase HVAC efficiency and reduce energy consumption costs with a four year payback. **Change Order # 41**, 8/28/15, was approved for an increase of \$67,139 to provide supplemental structural steel framing masonry relief required to support the masonry construction along the column line that extends back over the building low roof. **Change Order # 44**, 10/02/15, was approved for an increase of \$39,126 to furnish and install spray applied fire resistant material (SRFM) on the vertical support sections of the exterior pier that are partially exposed to the weather. **Change Order # 45**, 10/02/15, was approved for an increase of \$26,973 to provide for the addition of roof leading piping in the smaller lecture halls. No continuation for the roof leaders was shown to the roof drains. **Change Order # 51**, 11/18/15, was approved for an increase of \$88,036 to make electrical modifications allowing electrical outlets inside the fume hoods instead of outside the fume hoods. **Change Order # 53**, 11/19/15, was approved for an increase of \$34,781 to remove existing sawtooth relief angles and provide new sawtooth relief angles on the lecture hall wing of the building. **Change Order # 56**, 12/15/15, was approved for an increase of \$87,640 to add a redundant chilled water pump for optimal system performance and maintainability. **Change Order # 58**, 12/15/15, was approved for an increase of \$54,608 to add an additional laboratory exhaust fan and associated ductwork. **Change Order # 61**, 12/15/15, was approved for a decrease of \$60,418 to provide a credit for changes in the audio-visual equipment providing both better technology and a cost savings. **Change Order # 62**, 12/15/15, was approved for an increase of \$84,175 to provide hand crafted rake joints to provide the best overall aesthetic. **Change Order # 63**, 12/15/15, was approved for an increase of \$48,018 to provide additional additional support for the brick veneer above the curtainwall framing for both stairs c and d. **Change Order # 66**, 12/16/15, was approved for an increase of \$94,448 to realign the storm pipe due to the found condition of existing infrastructure obstructing the proposed storm sewer route. **Change Order # 67**, 1/14/16, was approved for an increase of \$580,543 to change both the terracotta supplier and manufacturer, as well as the design details for the terracotta pier elements. The original materials specified were deemed as unacceptable after incorporation into the project mock-up. **Change Order # 69**, 1/29/16, was approved for an increase of \$168,926 to provide a fully constructed fit-out of the server room in lieu of leaving as shelled space due to favorable bid results. **Change Order # 70**, was approved for an increase of \$61,624 to provide a fully constructed fit-out of the Axolotl tank display in lieu of leaving as shelled space due to favorable bid results. **Change Order # 73**, 1/29/16, was approved for an increase of \$48,748 to revise partition wall to continue to the underdeck. **Change Order # 74**, 2/3/16, was approved for an increase of \$129,612 to fit-out the media wall and provide miscellaneous updates to the audio-visual in other locations. **Change Order # 75**, 2/2/16, was approved for an increase of \$36,038 to provide two additional emergency power panels and two additional temperature sensors. **Change Order # 79**, 2/11/16, was approved for an increase of \$157,469 to provide the required cooling system and miscellaneous electrical components for the newly added audio-visual medial wall. **Change Order # 86**, 3/30/16, was approved for an increase of \$165,720 to revise generator exhaust piping, the loading dock screen wall, and related site and site utilities allowing a back up generator for life safety systems at Haggin Hall to be added. The additional generator will route through the same chase as the Academic Science building generator. **Change Order # 150**, 7/11/16, was approved for an increase of \$27,792 to modify the interior of select laboratory casework to provide ventilated doors, and to modify the AV equipment racks. **Change Order # 164**, 7/27/16, was approved for an increase of \$26,647 to provide an improvement over the original specification that allows for the use of make-up water for the rainwater harvest system. **Change Order # 182**, 9/12/16, was approved for an increase of \$177,371 to provide donor signage in preparation of building dedication. **Change Order # 200**, 10/31/16, was approved for an increase of \$30,000 to provide and install miscellaneous steel support not clearly identified on the structural steel drawings. **Change Order # 211**, 1/3/17, was approved for an increase of \$34,382 to complete the finishes for a portion of the hallway in Corridor 100K, located in the current shell space, to provide access to family toilet #160. **Change Order # 212**, 1/6/17, was approved for a decrease of \$197,253 to provide a credit for a portion of work, including relocation of the existing transformers along Rose Street, that was added in a previous change order. The work will no longer be completed during this phase of the project. **Change Order # 214**, 5/10/17, was approved for an increase of \$29,745 to replace all damaged insulation due to flooding of the vault during construction.

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: 1	Cumulative Amendment Amount:	\$342,916
Describe all amendments :	Revised Contract Amount:	\$3,421,716

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. **No amendments this quarter.**

Contractor: Congleton Hacker Company

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

Contract # 7500071556	Original Contract Amount:	\$38,661,342
Total Change Orders to Date: 25	Cumulative Change Order Amount:	-\$585,862
Low Bid:	Revised Contract Amount:	\$38,075,480
High Bid:	Contract Percent Complete:	11%
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.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Research Building Capital Project

Project Number: 2425.00

Project Description:

Scope: \$170,185,000

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: 2

Cumulative Amendment Amount: \$2,201,245

Describe all amendments :

Revised Contract Amount: \$13,598,845

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. **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: \$128,416,757

Total Change Orders to Date: 62

Cumulative Change Order Amount: \$1,595,514

Low Bid:

Revised Contract Amount: \$130,012,271

High Bid:

Contract Percent Complete: 35%

Number of Bids:

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

Change Order # 9, 8/19/16, was approved for an increase of \$53,318 to modify routing and pipe fittings on the acid dilution tank to avoid the caisson and the abandoned dilution tank. **Change Order # 10**, 8/17/16, was approved for a decrease of \$36,288 to provide a credit for site storm drainage structures and piping not installed at the retention pond near Press Avenue. **Change Order # 11**, 9/19/16, was approved for an increase of \$59,250 to provide selective brick demolition allowing for construction of the new green roof plaza. **Change Order # 12**, 10/7/16, was approved for a decrease of \$46,324 to provide a credit for revisions to underslab plumbing to conform to the final architectural drawings. **Change Order # 19**, 12/12/16, was approved for an increase of \$149,151 to install additional permanent steel casings as required for the deep foundations of the structure due to found subsurface conditions. **Change Order # 22**, 1/10/17, was approved for an increase of \$42,297 to install 130 linear feet of 15" storm drainage piping between two manholes. **Change Order # 23**, 2/1/17, was approved for an increase of \$31,534 to provide and install additional plumbing vents, vent risers, wall hydrants, and grease waste piping associated with added food service and bike storage area that were added after the initial bids. **Change Order # 24**, 2/13/17, was approved for a decrease of \$462,272 to provide a credit for removal of the uninterruptible power supply (UPS) from scope because it was deemed redundant after a change was made to utilize local UPS. Also provides for deletion of the spare critical riser and redundant transformers. **Change Order # 25**, 2/8/17, was approved for an increase of \$281,126 for changes made to earlier bid packages including concrete, plumbing, and electrical elements due to design development decisions made during later bid packages. **Change Order # 26**, 2/8/17, was approved for an increase of \$54,047 to add ground bar to new intermediate distribution frame (IDF) room, add circuit for pre-action cabinet, and add surge protective devices to all the life safety distribution. **Change Order # 27**, 2/13/17, was approved for an increase of \$51,990 to modify structural concrete and masonry support due to design development decisions made during later bid packages. **Change Order # 28**, 2/16/17, was approved for an increase of \$143,687 to replace and modify utilities associated with the construction of the tunnel under Limestone. **Change Order # 30**, 3/1/17, was approved for an increase of \$41,433 to remove additional rock for the deep foundations supporting the

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

retaining walls on the western sector the project. Also includes additional boring on 21 drilled piers. **Change Order # 32**, 3/8/17, was approved for an increase of \$105,003 to modify the coil windings on all medium voltage transformers from aluminum to copper. **Change Order # 33**, 3/30/17, was approved for an increase of \$80,482 to provide upgrades and modifications to the medium voltage distribution and metering systems resulting in a more reliable and robust electrical system in the building. **Change Order # 36**, 4/10/17, was approved for an increase of \$44,488 to modify the medium voltage system to accommodate the requirements resulting from the electrical coordination study. **Change Order # 38**, 4/21/17, was approved for an increase of \$35,755 to furnish the labor and materials required for the structural steel mock-up support structure. While the bid included architectural needs for the mock up structure, the final scope of the structural steel was not complete until after the construction documents were released for bidding. **Change Order # 39**, 4/25/17, was approved for an increase of \$54,886 to revise the penthouse structural steel and roof top walkway due to the purchase of heavier than designed exhaust fans. **Change Order # 40**, 4/25/17, was approved for an increase of \$30,762 to provide conduit and cable revisions as necessary for underground pathways and city equipment along Limestone based on field coordination with Kentucky Utilities and LFUCG. **Change Order # 42**, 5/10/17, was approved for an increase of \$193,288 to install all 36 inch chilled water piping with restraint joint ductile iron fittings in lieu of mechanical joint fittings. The joint ductile fittings are superior in terms of reliability and long-term life. **Change Order # 43**, 5/23/17, was approved for an increase of \$27,649 to include structural revisions to modify sleeves, openings, and connections to accommodate found conditions when the structure of the existing Research Building was penetrated. **Change Order # 44**, 5/23/17, was approved for an increase of \$47,536 to construct a temporary parking lot for 93 cars in the vicinity of the intersection of Virginia Avenue and South Limestone. This location was not available when the project was bid. **Change Order # 49**, 6/26/17, was approved for an increase of \$70,831 to make duct revisions revealed during MEP coordination needed to address mechanical shaft space constraints. **Change Order # 51**, 6/28/17, was approved for an increase of \$94,056 to install a masonry veneer on the tower addition of the Press Avenue utility plant to match the exterior of the existing plant.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct/Expand/ Renovate Ambulatory Care Facility-UKHC (Pediatric Hematology/Oncology - Pavilion H)

Project Number: 2403.00

Project Description:

Scope: \$1,610,000

Pediatric Hematology/Oncology services are currently located on the second floor of the Kentucky Clinic. This capital project will renovate space on the fourth floor of Pavilion H to relocate Pediatric Hematology/Oncology services. The renovation will create pediatric exam room space and locate Pediatric Hematology/Oncology services in proximity to other pediatric services also on the fourth floor of Pavilion H. This project will result in enhanced overall coordinated care for children.

Consultant: Moody Nolan

Contract # A16100ZZ

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$41,200

Cumulative Amendment Amount:

Revised Contract Amount: \$41,200

Contractor: Marrillia Design & Construction

Contract # 7500079965

Total Change Orders to Date: 11

Low Bid: \$1,195,000

High Bid: \$1,389,000

Number of Bids: 3

Original Contract Amount: \$1,195,000

Cumulative Change Order Amount: \$75,692

Revised Contract Amount: \$1,270,692

Contract Percent Complete: 100%

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

Change Order # 5, 11/11/16, was approved for an increase of \$34,389 to install casework that was not included in the original contract. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct/Expand/Renovate Ambulatory Care Facility - UK HealthCare Capital Project (Warren Wright Medical Plaza - First Floor)

Project Number: 2433.00

Project Description:

Scope: \$3,300,000

This project will renovate the areas currently occupied by the Department of Orthopedic Surgery's clinic located on the first floor of the Warren Wright Medical Plaza Building. This renovation project will create more usable exam rooms; enhance patient and staff circulation; improve waiting areas; and upgrade the HVAC systems to current standards. These improvements also will support the consolidation of clinical services resulting in more efficient operations necessary to manage the increasing volume of patients.

Consultant: Champlin Architecture

Contract # A161100

Original Contract Amount: \$239,900

Total Amendments to Date: 1

Cumulative Amendment Amount: \$19,450

Describe all amendments :

Revised Contract Amount: \$259,350

Amendment 1, 10/24/16, an increase of \$19,450 was approved for additional design services to reduce the number of construction phases from five to one, as well as retrofit a temporary clinic to be used during the renovation of the Orthopaedic Clinic. **No amendments this quarter.**

Contractor: Churchill McGee, LLC

Contract # 7500104040

Original Contract Amount: \$1,752,000

Total Change Orders to Date: 4

Cumulative Change Order Amount: \$25,068

Low Bid: \$1,758,854

Revised Contract Amount: \$1,777,068

High Bid: \$2,726,150

Contract Percent Complete: 15%

Number of Bids: 8

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct/Upgrade/Fit-Up Support Services UK HealthCare Capital Project (Good Samaritan Orthopaedic/Spine Services)

Project Number: 2453.00

Project Description:

Scope: \$1,500,000

This capital project will renovate and upgrade areas currently occupied by the Orthopedic/Spine Clinic. The project also will provide much needed additional space as the recently vacated adjoining suite will be renovated and updated for the Clinic, for a total of 7,260 square feet. The renovation and expansion will create more usable exam rooms; enhance patient and staff circulation; improve waiting areas; and provide a new x-ray suite (a service not currently available within the Good Samaritan Medical Office Building.) These improvements will allow the consolidation of clinical services resulting in more efficient and accessible service to patients. The construction will be phased into two sections to allow patients to be seen in the current clinic without interruption.

Consultant: JRA Architects

Contract # A161000BB

Original Contract Amount:

\$39,480

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$39,480

No amendments this quarter.

Contractor: Eubank & Steele

Contract # 750007900

Original Contract Amount:

\$632,750

Total Change Orders to Date: 22

Cumulative Change Order Amount:

\$288,167

Low Bid: \$632,750

Revised Contract Amount:

\$920,917

High Bid: \$921,717

Contract Percent Complete:

100%

Number of Bids: 3

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

Change Order # 8, 11/3/16, was approved for an increase of \$87,122 to complete the fit-up required to support installation of the x-ray machine. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Design/Renovate/Upgrade Hospital Facilities – Good Samaritan Capital Project

Project Number: 2394.00

Project Description:

Scope: \$8,900,000

This project will address the needs of the patient population and the clinical services offered at Good Samaritan. Specific elements will include expanded service capabilities, private patient rooms, improved staff support spaces and enhanced patient and family waiting space. The scope will include renovating approximately 12,090 square feet of the existing Good Samaritan Emergency Department, as well as expand patient and family waiting by adding 1,250 square feet to the existing 344 square feet waiting room. The construction will be phased into multiple segments to allow patient care to continue throughout the renovation, which is scheduled to last 21 months.

Consultant: Stengel-Hill Architecture

Contract # A151110

Original Contract Amount: \$228,500

Total Amendments to Date: 1

Cumulative Amendment Amount: \$287,500

Describe all amendments :

Revised Contract Amount: \$516,000

Amendment 1, 6/17/15, an increase of \$287,500 was approved for additional design and construction administration services required to complete construction phases 3-8 of the project and an additional 1,500 square feet of the existing laboratory. **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 # 7500061910

Original Contract Amount: \$5,889,769

Total Change Orders to Date: 49

Cumulative Change Order Amount: \$269,470

Low Bid:

Revised Contract Amount: \$6,159,239

High Bid:

Contract Percent Complete: 82%

Number of Bids:

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

Change Order # 11, 8/26/16, was approved for an increase of \$59,540 to provide for all work associated with adding three additional phases to the phasing plans and schedule to better accommodate laboratory operations. **Change Order # 31**, 1/6/17, was approved for a decrease of \$43,507 to provide a credit for combining the work to be done in phase three with the work to be done in phase four of the project. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Emergency Replacement of Central Heating Plant Boilers Capital Project

Project Number: 2429.00

Project Description:

Scope: \$8,500,000

On March 27, 2015, the University's Central Heating Plant suffered a severe fire rendering two boilers inoperable. The status of the second boiler is questionable, but may require replacement as well. These boilers are a significant component of the campus heating infrastructure capacity and their inoperability compromises our ability to heat the campus for the next heating season.

Consultant: Staggs & Fisher Engineers

Contract # A161070

Original Contract Amount: \$413,300

Total Amendments to Date: 1

Cumulative Amendment Amount: \$4,875

Describe all amendments :

Revised Contract Amount: \$418,175

Amendment 1, 5/22/17, an increase of \$4,875 was approved for additional fees to provide back-up documentation and response over a nine month period for the Central Heating Plant insurance claim.

Contractor: Hussung Mechanical Contractors, Inc.

Contract # 7500079859

Original Contract Amount: \$3,541,000

Total Change Orders to Date: 14

Cumulative Change Order Amount: \$204,926

Low Bid: \$3,541,000

Revised Contract Amount: \$3,745,926

High Bid: \$3,541,000

Contract Percent Complete: 50%

Number of Bids: 1

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

Change Order # 3, 4/28/17, was approved for an increase of \$38,857 for increased price delays for project startup due to delay caused by insurance settlement. Change Order # 6, 5/31/17, was approved for an increase of \$37,736 to provide asbestos abatement for all critical areas of the plant taking advantage of economies of mobilization.

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: 1	Cumulative Amendment Amount:	\$668,543
Describe all amendments :	Revised Contract Amount:	\$4,095,031

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.

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:	\$5,223,000
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$5,223,000
High Bid:	Contract Percent Complete:	
Number of Bids:		

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Relocate/Upgrade Athletics Playing Field Capital Project (Soccer Practice Field)

Project Number: 2461.00

Project Description:

Scope: \$2,000,000

This project will replace and relocate the Soccer Practice Field for the University's Soccer Program. The current soccer practice field is inadequate and needs to be replaced to meet the existing and future needs of the program. Additionally, the location of the current soccer practice field is inconsistent with the Athletic Department's facility plans as it needs to be relocated to accommodate the construction of the new Baseball Facility at Alumni Drive and College Way. This project will include upgrading the soccer practice field with natural turf and lighting to better accommodate practice.

Consultant: Ross Tarrant Architects

Contract # A171130

Original Contract Amount: \$182,229

Total Amendments to Date: 1

Cumulative Amendment Amount: \$46,180

Describe all amendments :

Revised Contract Amount: \$228,409

Amendment 1, 5/31/17, an increase of \$46,180 was approved for additional design services for a synthetic turf drill area, equipment storage/restroom building including site utilities and ESS security system, and Neighborhood Association coordination.

Contractor: ATS Construction

Contract # 7500106715

Original Contract Amount: \$1,049,000

Total Change Orders to Date: 8

Cumulative Change Order Amount: \$269,457

Low Bid: \$1,049,000

Revised Contract Amount: \$1,318,457

High Bid: \$1,445,402

Contract Percent Complete: 30%

Number of Bids: 9

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

Change Order # 1, 5/12/17, was approved for an increase of \$26,212 to add concrete mow strip under perimeter chain-link fence outside of the turf field and drill area.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Academic/Administrative Space: Nutter Football Training Facility Capital Project

Project Number: 2431.00

Project Description:

Scope: \$3,861,361

The Nutter Football Training Facility will be vacated in the summer of 2016 when the UK Football program moves into the new Training Center thus making space available for other programs. This project will renovate approximately 29,150 square feet for the Sports Science Research Institute and other UK Athletic programs. The renovated space will include centralized assessment and testing space, a physiology area, group work areas, a reception/waiting area, and an entrance for the SSRI. The new UK Athletics Academic Center will include tutoring rooms, a computer lab and offices as well as new restrooms. Other UK Athletic programs such as Track and Field, Golf and Gymnastics will be moved into existing offices which will also receive minor renovations and upgrades. The existing equipment room will be renovated to become Central Equipment/Receiving for UK Athletics programs and the existing Athletic Training Area will be upgraded for use by all sports athletic training. Additionally, two existing skylights will be replaced and mechanical and electrical systems upgraded to applicable codes and standards.

Consultant: JRA Architects

Contract # A161120

Original Contract Amount: \$331,460

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$331,460

No amendments this quarter.

Contractor: Marrillia Design & Construction

Contract # 7500079885

Original Contract Amount: \$3,149,000

Total Change Orders to Date: 32

Cumulative Change Order Amount: \$131,135

Low Bid: \$3,149,000

Revised Contract Amount: \$3,280,135

High Bid: \$3,440,420

Contract Percent Complete: 100%

Number of Bids: 4

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Lucille Little Library Capital Project (Confucius Institute)

Project Number: 2448.00

Project Description:

Scope: \$1,700,000

The Hanban/Confucius Institute Headquarters of China is a public institution affiliated with the Chinese Ministry of Education and provides Chinese language and cultural teaching resources and services worldwide. The University of Kentucky Confucius Institute was established in 2010 as a center for Chinese language, culture, art, and business and a gateway to China for the University. It has been recognized as Confucius Institute of the Year in 2012 and 2014, one of 15 awards given annually to more than 400 Confucius Institutes worldwide in 115 countries. The University of Kentucky has committed to renovate a portion of the ground floor of the Lucille Little Library for the Confucius Institute for a period of not less than 25 years. The dedicated area consists of approximately 6,200 square feet of interior space and 1,800 square feet of exterior space.

Consultant: EOP Architects

Contract # A161160

Original Contract Amount: \$102,735

Total Amendments to Date: 1

Cumulative Amendment Amount: \$3,125

Describe all amendments :

Revised Contract Amount: \$105,860

Amendment 1, 11/28/16, an increase of \$3,125 was approved for additional services as required to incorporate two additional operable partitions systems. **No amendments this quarter.**

Contractor: Congleton-Hacker Co.

Contract # 7500089445

Original Contract Amount: \$1,050,545

Total Change Orders to Date: 39

Cumulative Change Order Amount: \$114,136

Low Bid: \$1,050,545

Revised Contract Amount: \$1,164,681

High Bid: \$1,297,700

Contract Percent Complete: 100%

Number of Bids: 7

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Third Floor F. Paul Anderson Tower Capital Project

Project Number: 2447.00

Project Description:

Scope: \$3,500,000

The James and Gay Hardymon Center for Student Success will be a central place where engineering students can access all of the College's student services. Project includes interior renovations to existing third Floor of the F. Paul Anderson Tower. Project is relocating various student affairs support services currently spread out across the Engineering College campus, onto one floor. The Student Services Center will occupy approximately 10,000 square feet of renovated space recently vacated by the Engineering Library. The Center will house the College's Office for Student Advising, Office of Career Services and Student Records. The Center will also provide students computer and tutoring labs and additional study space. An alternate is also included to renovate a portion of the ground floor of the F. Paul Anderson Tower.

Consultant: JRA Architects

Contract # A171070

Total Amendments to Date:

Describe all amendments :**No amendments this quarter.**

Original Contract Amount: \$278,800

Cumulative Amendment Amount:

Revised Contract Amount: \$278,800

Contractor: Marrillia Design & Construction

Contract # 7500101326

Total Change Orders to Date: 15

Low Bid: \$1,584,700

High Bid: \$1,806,600

Number of Bids: 4

Original Contract Amount: \$1,584,700

Cumulative Change Order Amount: \$54,796

Revised Contract Amount: \$1,639,496

Contract Percent Complete: 67%

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Gatton Building

Project Number: 2345.00

Project Description:

Scope: \$64,967,082

This project includes renovating and expanding the existing 138,400 gross square foot Gatton Building. The expansion will include a three story addition consisting of 65,727 gross square feet comprised primarily of community-oriented space to include an atrium, with a café and seating area, classrooms, and a 500 seat auditorium. The addition will become the primary entrance to the building and will be accessed from central campus. A secondary entrance from South Limestone Street will also be incorporated in the renovated space. The original 1963 building will provide various types of space for faculty and students; the classrooms in the 1991 addition will be renovated and updated to include the latest technology. When completed, the building will have a total of 204,127 gross square feet.

Consultant: Ross Tarrant Architects

Contract # A131090	Original Contract Amount:	\$3,716,149
Total Amendments to Date: 6	Cumulative Amendment Amount:	\$1,889,916
Describe all amendments :	Revised Contract Amount:	\$5,606,065

Amendment 1, 6/11/13, an increase of \$1,752,276.24 was approved to provide bidding and construction administration services which were not included in the original contract due to phased legislative authorities, and includes expanded programming and design services. **Amendment 2**, 12/10/13, an increase of \$53,550 was approved for to provide for additional reimbursable services including fire modeling services and design & coordination of the building security system. **Amendment 3**, 7/8/14, a zero dollar amendment was approved to reduce reimbursable services by \$12,400 and increase design services by same to provide design and bidding services for a redesign of the landscaping plan and incorporation of a second retaining wall on the north slope of the site development. **Amendment 4**, 6/9/15, an increase of \$26,040 was approved to provide design services for the internet protocol television (IPTV) system along with revisions to the audio visual systems in the incubator lab, classrooms, finance learning center, and event space. **Amendment 5**, 12/9/15, an increase of \$19,650 was approved to provide additional consulting services required for audio-visual design of Conference Room 132F and for bidding and construction administration services for the building graphics/wayfinding package. **Amendment 6**, 8/16/16, was approved for an increase of \$38,400 to provide additional construction administration services due to extended duration of phase 2 construction. **No amendments this quarter.**

Contractor: Skanska USA Building

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

Contract # 7500012212	Original Contract Amount:	\$52,535,331
Total Change Orders to Date: 362	Cumulative Change Order Amount:	\$4,721,616
Low Bid:	Revised Contract Amount:	\$57,256,947
High Bid:	Contract Percent Complete:	99%
Number of Bids:		

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

Change Order # 1, 3/7/14, was approved for an increase of \$51,262 to provide labor, equipment, and material necessary to install 1,000 gallon grease trap and associated piping to comply with LFUCG standards for the food service component of the project. **Change Order # 5**, 3/18/14, was approved for an increase of \$105,784 to modify the site development design to include the changes in design from bid to the time the enabling package was released. The change was a result of fast tracking the project. **Change Order # 6**, 3/21/14, was approved for an increase of \$158,287 to install temporary underground storm and sanitary lines to maintain active sewer lines during the installation of the drilled piers and grade beam of the new addition. **Change Order # 17**, 6/27/14, was approved for an increase of \$29,627 to install a one hour fire rated infill partition at the separation of the '63 and '90's buildings. **Change Order # 24**, 8/21/14, was approved for an increase of \$55,072 to adjust the contract allowance based on unit prices for the actual volume of caissons as installed compared to the quantity in the contract. **Change Order # 25**, 8/26/14, was approved for an increase of \$58,007 to provide the labor and material as necessary for abatement of fittings above the specified amount in the bid documents. **Change Order # 30**, 9/19/14, was approved for an increase of \$53,211 to add a second retaining wall/seat wall to provide a less steep grade coming from University Drive.

Change Order # 35, 10/3/14, was approved for an increase of \$44,336 to provide additional one-hour fire proofing in areas of roof decking under 20' in height. **Change Order # 36**, 10/3/14, was approved for an additional \$42,574 to use a varied floor pattern and color palate more in line with the design intent of the building and the atrium and lobbies. **Change Order # 43**, 11/6/14, was approved for an increase of \$75,000 to infill the existing holes in the first, second, third, and fourth floor slabs. Some extra large holes will require additional steel support for the repairs. **Change Order # 44**, 11/6/14, was approved for an increase of \$35,000 to infill the existing openings in the concrete masonry (CMU) chase walls. Small openings are to be filled with fire caulking and large ones with CMU block. **Change Order # 46**, 11/7/14, was approved for an increase of \$44,068 to provide labor and material for switch from a knock-down hollow metal door frame to a welded frame on all doors. **Change Order # 52**, 11/24/14, was approved for an increase of \$27,387 to provide standpipes at the intermediate landings with a shaft surrounding the standpipe and valve cabinets to meet code requirements. **Change Order # 55**, 12/5/14, was approved for an increase of \$152,201 to make revisions to the power and low voltage plans in order to accommodate the forthcoming audio-visual package. **Change Order # 58**, 12/5/14, was approved for an increase of \$170,026 to provide changes to security hardware and software to assure compatibility with the campus security system. **Change Order # 62**, 1/8/15, was approved for an increase of \$147,600 to enclose and provide temporary heat to Areas A and C for the winter season allowing work to continue. **Change Order # 64**, 1/26/15, was approved for an additional \$53,411 - Provide for a necessary acceleration of fabrication of materials on site and added hours to make up lost time due to three specific subsurface issues that impacted sequencing of work for the concrete contractor's scope of work. **Change Order # 65**, 1/26/15, was approved for an increase of \$29,360 to switch from quarter sawn white ash to quarter sawn white oak solid trim metal throughout the project. This material will maintain the same custom stain coloration across all wood locations. **Change Order # 70**, 2/2/15, was approved for an increase of \$36,319 to furnish and install glass handrail/guardrail in the atrium and auditorium. **Change Order # 75**, 2/9/15, was approved for an increase of \$30,762 to revise the wireless rough-in layout for the large classrooms, auditorium, and other large spaces. **Change Order # 83**, 3/1/15, was approved for an increase of \$54,946 to incorporate new granite material rather than salvaged granite in the atrium and on the stair treads for the social stairs. Salvaged granite was determined to be unsuitable for use in these applications. **Change Order # 87**, 3/12/15 was approved for an increase of \$32,343 to add an additional layer of plywood and blocking at the classroom tiers and amend the construction of the risers due to constraints with the fixed table manufacturer mounting requirements. **Change Order # 83**, 3/1/15, was approved for an increase of \$54,946 to provide for a new selection of granite stair treads for the social stair as salvaged granite is unsuitable for use in this application. **Change Order # 87**, 3/12/15, was approved for an increase of \$32,343 to add an additional layer of plywood at the classroom tiers and modify the risers due to constraints with fixed table manufacturer mounting requirements. **Change Order # 103**, 4/6/15, was approved for an increase of \$140,180 to provide and install temporary egress stairs in the atrium to provide temporary means of egress from the classrooms located on second and third floors of the new addition during phase 2 of the project. **Change Order # 113**, 4/17/15, was approved for an increase of \$27,590 include materials needed to structurally modify and safely anchor the atrium catwalk and fall arrest system on the north side of the atrium. **Change Order # 148**, 6/1/15, was approved for an increase of \$192,325 to provide a system of temporary partitions, signage, and alarms necessary to ensure the conditions for proper separation during phased construction. **Change Order # 156**, 6/8/15, was approved for an increase of \$54,765 to provide additional power and data receptacles in the IT suite and Room 337C necessary to support the equipment to be used in the space. **Change Order # 159**, 6/8/15, was approved for an increase of \$38,217 to modify openings and install six hollow metal door frames at Stairs B & C in plan area A at the 2nd, 3rd, & 4th floor locations to accommodate new door widths. **Change Order # 163**, 6/10/15, was approved for an increase of \$25,351 to add pathways and infrastructure required for audio visual equipment in meeting room 132F. **Change Order # 172**, 6/23/15, was approved for an increase of \$39,289 to add a separate fan coil unit to the room in the IT suite 337 that has been changed from a storage room to a server room. **Change Order # 186**, 7/16/15, was approved for an increase of \$41,524 to add the linear slot diffusers to the east and west sides of the Atrium. **Change Order # 190**, 7/20/15, was approved for an increase of \$41,097 to modify the locations of vinyl film and fabricated letters to enhance privacy and wayfinding. **Change Order # 192**, 7/23/15, was approved for an increase of \$47,642 to provide electrical rough-in, drywall openings, and back boxes for the addition of motorized projection screens in classrooms on the first and second floors. **Change Order # 197**, 7/23/15, was approved for an increase of \$29,588 to add the needed steel to carry the loads of windows, walls, wood veneer panels, and other architectural elements at the northwest atrium alcove. **Change Order # 202**, 8/5/15, was approved for an increase of \$32,011 to provide for demolition and additional pavement of the sidewalks between the Matthews Building and Gatton. **Change Order # 232**, 9/11/15, was approved for an increase of \$117,735 to replace the brick sanitary manhole and the piping connecting it with a concrete structure on the southwest side due to degradation. **Change Order # 233**, 9/11/15, was approved for an

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

increase of \$55,761 to provide the necessary fire rating and fire caulking needed in the existing stairs due to found conditions. **Change Order # 243**, 9/20/15, was approved for an increase of \$26,769 to reroute the power feed from the Administration Drive guard shack to the new electrical panel in Gatton. **Change Order # 264**, 11/9/15, was approved for an increase of \$38,801 to provide the necessary fire rating for existing stairs located in Area B. **Change Order # 273**, 11/18/15, was approved for an increase of \$31,784 to add a roof drain adjacent to the clerestory window on the north side in Area B due to inadequate space at the bottom of the window where the existing roof ties into the window flashing. **Change Order # 279**, 11/30/15, was approved for an increase of \$32,243 to provide the necessary structural elements to support brick walls along the expansion joint between Areas B and C. **Change Order # 310**, 2/10/16, was approved for an increase of \$27,605 to provide the proper opening sizes for ducts penetrating existing slabs. This change includes removal of slabs as well as pouring back new portions of slabs. **Change Order # 360**, 9/22/16, was approved for a decrease of \$35,182 to provide a credit for the cost of key shop to replace key cores for specific locks due to a missing key. **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: 3

Cumulative Amendment Amount:

\$2,125,089

Describe all amendments :

Revised Contract Amount:

\$12,229,111

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. **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:

\$158,835,580

Total Change Orders to Date: 311

Cumulative Change Order Amount:

\$8,955,420

Low Bid:

Revised Contract Amount:

\$167,791,001

High Bid:

Contract Percent Complete:

63%

Number of Bids:

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

Change Order # 16, 11/1/15, was approved for an increase of \$76,268 to install a pedestrian pedway canopy on the sidewalk of Avenue of Champions for the overhead protection at the Limestone Park I project. **Change Order # 27**, 2/2/16, was approved for an increase of \$83,708 to install a temporary traffic signal at the intersection of Avenue of Champions and Lexington Avenue giving pedestrians a safe crossing intersection. **Change Order # 84**, 9/1/16, was approved for an increase of \$106,551 to modify the structural framing of the skylight in Alumni Gym to accommodate the installation of glass rails. **Change Order # 85**, 9/1/16, was approved for an increase of \$121,950 to abate and remove the existing metal roof deck on the low roof of the 1938 Student Union and replace with a new metal deck due to the discovery of galbestos. **Change Order # 94**, 9/21/16, was approved for an increase of \$111,845 to reconfigure the patio space and related exterior walls to allow for greater year round use of the space. **Change Order # 99**, 9/29/16, was approved for an increase of \$1,046,864 to purchase and install the air handling units that will serve The Harris Ballroom. It was more cost effective to install in the Mechanical Penthouse now then it would be to demolish completed finishes and install during a future fit-out project. **Change Order # 105**, 7/27/16, was approved for an increase of \$89,252 to accommodate utility infrastructure for the shell for the Barnes & Noble bookstore. **Change Order # 112**, 11/16/16, was approved for an increase of \$175,435 to provide extra groundwater mitigation measures at the lowest point of the building to intercept a large amount of ground water that was discovered unexpectedly during

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

excavation. **Change Order # 115**, 11/17/16, was approved for an increase of \$60,329 to install bracing for the bottom chord of the existing roof truss in Alumni Gym. **Change Order # 134**, 1/12/17, was approved for an increase of \$47,307 to add conduit pathway to the AV devices being installed in bid package 3 work. The scope wasn't finalized until bid package 4. **Change Order # 139**, 64,875.97, was approved for an increase of \$64,876 to provide the necessary structure to support a concrete encased electrical duct bank. **Change Order # 141**, 1/20/17, was approved for an increase of \$25,838 to install the necessary under-slab rough-in for the Subway drink station. **Change Order # 143**, 2/1/17, was approved for an increase of \$48,069 to backfill the exterior stairs that are connected to the building. **Change Order # 144**, 2/1/17, was approved for an increase of \$217,542 to provide for the excess cost to replace the existing Alumni Gym cornice and portico. The original allowance only assumed a 30% repair/replacement of the sheet metal and substrate. **Change Order # 145**, 2/6/17, was approved for an increase of \$36,033 to add an angle to the edge of the slab to support the curtain wall at locations that have stone sills. **Change Order # 148**, 2/8/17, was approved for an increase of \$54,434 to provide a steel plate required for attachment of the brick relief angle to the cold form metal framing. **Change Order # 149**, 2/8/17, was approved for an increase of \$26,206 to provide electrical rough-in for the Branding bid package. **Change Order # 152**, 2/15/17, was approved for an increase of \$66,619 to provide additional cold form metal framing and miscellaneous steel to reinforce existing conditions and new construction. **Change Order # 153**, 2/16/17, was approved for an increase of \$125,069 to add silicone impregnated foam expansion joints allowing for independent movement of the radius truss. **Change Order # 154**, 2/16/17, was approved for an increase of \$27,409 to infill the concrete floor slab in the 1938 Student Union. **Change Order # 159**, 2/23/17, was approved for an increase of \$44,073 to provide additional structural framing and attachment of the metal deck to the existing masonry walls at the north entry of the Alumni Gym. **Change Order # 162**, 2/28/17, was approved for an increase of \$71,283 to provide mass excavation for lowered slab elevations in the Barnes & Noble Receiving area, a portion of the pump room, and Stair T. **Change Order # 166**, 2/28/17, was approved for an increase of \$74,705 to provide additional steel required for expansion joint framing along the intersections of areas A, B, & C. **Change Order # 167**, 3/2/17, was approved for a decrease of \$85,661 to provide a credit to delete the extensive green roof planting system. The possibility of an alternate, less complex, vegetated roof system will be investigated. **Change Order # 169**, 3/3/17, was approved for an increase of \$25,947 to provide for electrical modifications necessary to provide power to the motorized sunshades introduced in bid package #3. **Change Order # 181**, 3/15/17, was approved for an increase of \$40,668 to provide additional bracing and channel required for the vertical folding partition in the Great Ballroom. **Change Order # 183**, 3/17/17, was approved for an increase of \$71,257 to add concrete curbs at the base of the curtainwall and radius wall systems. **Change Order # 186**, 3/29/17, was approved for an increase of \$42,542 to provide an additional exhaust fan and ductwork required for the dishwasher in the finishing kitchen A212H. **Change Order # 189**, 3/29/17, was approved for a decrease of \$47,058 to provide a credit to omit electrical items in the Harris Ballroom and the Bluebox Theatre shell space, and for the removal of electrical devices due to the revised layout of the social stair. **Change Order # 190**, 3/29/17, was approved for an increase of \$29,658 to provide various electrical field coordination items. **Change Order # 195**, 3/30/17, was approved for an increase of \$756,016 to add a portion of the Barnes & Noble Bookstore fit-up to facilitate the overall project schedule and to improve coordination and implementation of technical work by utilizing the current on-site trade contractors. **Change Order # 196**, 4/3/17, was approved for an increase of \$69,699 to delete walls and adjust beams during the BIM process to provide extra room required for exhaust ductwork that penetrates the roof between Areas E and F, north of the Multi-Purpose Ballroom. **Change Order # 197**, 4/3/17, was approved for an increase of \$35,507 to add the necessary electrical and plumbing equipment in the Subway drink station. **Change Order # 203**, 4/3/17, was approved for an increase of \$39,377 to re-route storm lines and overflow outlet. **Change Order # 204**, 4/3/17, was approved for an increase of \$90,051 to revise the wall layout of pump room A181B1 to accommodate the added fire protection dry system and the condensate pump. **Change Order # 205**, 4/5/17, was approved for an increase of \$45,663 to match the custom color range of the roof pavers provided within the landscape contract under bid package # 4 to match the roof pavers provided earlier under bid package # 3. **Change Order # 208**, 4/12/17, was approved for an increase of \$727,836 to shift a portion of the architectural, and mechanical, electrical, and plumbing (MEP) scope for the Barnes and Noble Bookstore space under the umbrella of the Construction Manager to facilitate the overall project schedule, improve coordination, and implement technical work by utilizing the current selected trade contractors. **Change Order # 210**, 4/12/17, was approved for an increase of \$47,032 to provide miscellaneous concrete expenses associated with found conditions and changes made during bid package # 3, after the bid package # 2 concrete subcontract was awarded. **Change Order # 211**, 4/14/17, was approved for an increase of \$34,851 to conceal the exterior edge of the exposed edge angle and the sides of the MLK bridge with a weather envelope. **Change Order # 212**, 4/14/17, was approved for an increase of \$29,481 to provide additional framing required to conceal MEP and structural elements such as AV back boxes, exposed beam with fireproofing, and wall furring. **Change Order**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

224, 5/4/17, was approved for an increase of \$26,857 to relocate the roof hatch as identified during the BIM process. Change Order # 226, 5/9/17, was approved for an increase of \$62,780 to coordinate between Food Service and MEP rough-in identified modifications necessary for Food Service equipment requirements and modifications to the cable tray. Change Order # 228, 5/10/17, was approved for a decrease of \$110,682 to revise hook-ups for media trucks and delete hook-ups for the outdoor theater. Change Order # 229, 5/10/17, was approved for an increase of \$40,528 to provide various revisions for constructability and code required changes per the state inspector. Change Order # 230, 5/12/17, was approved for an increase of \$242,182 to extend the snow melt system for the MLK bridge. The walkway from MLK pedestrian bridge to the Student Center will be a major pedestrian and accessible pathway between north and central campus. This system will provide a safe pathway from the Student Center to Patterson Drive. Change Order # 231, 5/12/17, was approved for an increase of \$48,866 to add coating on the backside of the exterior wall panels to prevent white rust that could occur over time if moisture gets behind the panels. Change Order # 242, 5/18/17, was approved for an increase of \$32,820 to provide the additional concrete curb to maintain a weatherproof traffic condition at the threshold between the 3rd floor plaza and the stair surface. Additionally, steel angles will receive 2 part epoxy coating for corrosion protection on the MLK pedestrian bridge. Change Order # 247, 5/30/17, was approved for an increase of \$27,490 to provide dedicated circuits required for ADA push plates added at restroom doors during addendum # 3. Change Order # 248, 5/30/17, was approved for a decrease of \$823,551 to provide a credit for the remaining retail food service equipment allowance that will be deducted from the project and transferred to the University for direct purchase of materials. Change Order # 253, 5/26/17, was approved for an increase of \$53,768 to provide for additional costs to erect steel in Alumni Gym associated with the concealed soil conditions for the steel trade contractors. Change Order # 256, 6/16/17, was approved for an increase of \$99,388 to provide additional costs incurred by the framing contractor due to the phased turnover of the All You Can Eat (AYCE) area. Change Order # 264, 6/15/17, was approved for an increase of \$37,613 to provide foundations necessary for various walls that were thought to be included in the bid package # 4 site walls. Change Order # 267, 6/16/17, was approved for an increase of \$34,256 to elevate the light bollard to the correct elevation at paver and river rock locations, while ensuring a water tight detail. Change Order # 268, 6/16/17, was approved for an increase of \$280,561 to increase the scope of the paving to provide a new sidewalk along Limestone Avenue. Other changes include upgraded pavement finishes, revised site furnishings, and increased width of pedestrian sidewalks to provide space for increased pedestrian traffic surrounding the Student Center. Change Order # 269, 6/16/17, was approved for an increase of \$30,724 to provide additional concrete required to support the stone on the MLK pedestrian bridge. Change Order # 281, 6/30/17, was approved for an increase of \$27,422 to incorporate fire alarm system revisions and detector changes made to improve maintenance and resolve discrepancies found during code review.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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:

Describe all amendments :

Revised Contract Amount:

\$195,205

No amendments this quarter.

Contractor: Congleton-Hacker Co.

Contract # 7500110442

Original Contract Amount:

\$1,732,500

Total Change Orders to Date: 2

Cumulative Change Order Amount:

\$12,535

Low Bid:

Revised Contract Amount:

\$1,745,035

High Bid:

Contract Percent Complete:

7%

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

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

Project Number: 2457.00

Project Description: Scope: \$14,000,000

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

Consultant: JRA Architects

Contract # A171120	Original Contract Amount:	\$848,700
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Total Amendments to Date:	Cumulative Amendment Amount:	
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Describe all amendments :	Revised Contract Amount:	\$848,700
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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/Improve Clinical/Ambulatory Services Capital Project (Otolaryngology)

Project Number: 2454.00

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

This project will renovate the areas on the third floor of the Medical Plaza Building for the Department of Otolaryngology commonly referred to as Ear, Nose, and Throat (ENT). Improvements include more usable exam rooms, enhanced patient and staff circulation, improved waiting areas, and upgraded HVAC systems.

Consultant: JRA Architects

Contract # A171090	Original Contract Amount:	\$438,200
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Total Amendments to Date: 1	Cumulative Amendment Amount:	\$10,920
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Describe all amendments :	Revised Contract Amount:	\$449,120
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Amendment 1, 3/17/17, was approved for an increase of \$10,920 for additional reimbursable design services as required to provide acoustical design consulting.

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

Project Number: 2462.00

Project Description: Scope: \$1,500,000

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: 1	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$146,750

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:

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

No amendments this quarter.

Contractor:

No construction contract awarded to date.

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade Student Recreation Fields Capital Project

Project Number: 2466.00

Project Description:

Scope: \$3,250,000

This project includes installing artificial turf and lighting on two existing fields located on Sports Center Drive behind Nutter/Shively.

Consultant: Strand Associates, Inc.

Contract # A171150

Original Contract Amount:

\$198,500

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$198,500

No amendments this quarter.

Contractor: Vescio SportsFields, Inc.

Contract # 7500112729

Original Contract Amount:

\$1,154,790

Total Change Orders to Date: 1

Cumulative Change Order Amount:

\$24,777

Low Bid: \$1,154,790

Revised Contract Amount:

\$1,179,567

High Bid: \$1,532,000

Contract Percent Complete:

4%

Number of Bids: 5

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2402.30

Project Description: Scope: \$83,800,000

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: 2	Cumulative Amendment Amount:	\$1,040,264
Describe all amendments :	Revised Contract Amount:	\$4,688,264

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. **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:	\$52,218,268
Total Change Orders to Date: 161	Cumulative Change Order Amount:	\$1,706,124
Low Bid:	Revised Contract Amount:	\$53,924,392
High Bid:	Contract Percent Complete:	60%
Number of Bids:		

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

Change Order # 1, 8/15/16, was approved for an increase of \$43,801 to upgrade the mobile assist crane from 350 tons to 550 tons thus increasing the allowable pick radius from 100 feet to 200 feet. **Change Order # 2**, 8/15/16, was approved for an increase of \$26,000 to modify the tower crane foundation to a smaller footprint, add additional rebar, and install rock anchors. **Change Order # 3**, 8/15/16, was approved for an increase of \$75,000 to furnish and install a temporary generator to power the tower crane. **Change Order # 5**, 9/1/16, was approved for an increase of \$46,553 to provide temporary emergency power to Pavilion H and HA during power outage for switchover. **Change Order # 9**, 9/22/16, was approved for a decrease of \$42,483 to transfer site demolition scope of work from site excavations to selective demolition bid package. **Change Order # 10**, 9/23/16, was approved for a decrease of \$257,836 to use alternate vendor Lutron for lighting dimming controls and alternate light fixtures. **Change Order # 11**, 9/30/16, was approved for a decrease of \$50,182 to delete an unnecessary electrical vault access tunnel. Instead access will be provided via a manhole and cover. **Change Order # 12**, 10/21/16, was approved for a decrease of \$46,553 to provide credit for a previous time and material change order for temporary emergency power during a planned outage to relocate a duct bank. An onsite PPD generator was used instead. **Change Order # 13**, 10/26/16, was approved for an increase of \$36,721 to intercept and relocate existing conduits and associated conductors that are within walls scheduled to be demolished. **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 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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK Healthcare Facilities (Phase I-G) - 11th Floor Fit-Up

Project Number: 2402.80

Project Description:

Scope: \$34,250,000

This project will fit-out patient floor 11 in Pavilion A. This will include 63 patient rooms; 24 ICU rooms, and 39 acute care rooms with all staff support and ancillary spaces to provide a fully functioning patient floor. The 11th floor is programmed to be a cancer treatment floor.

Consultant: GBBN Architects, Inc.

Contract # A151240

Original Contract Amount:

\$798,000

Total Amendments to Date: 1

Cumulative Amendment Amount:

\$22,700

Describe all amendments :

Revised Contract Amount:

\$820,700

Amendment 1, 6/16/17, an increase of \$22,700 was approved for extended construction administration services necessary for the additional scope of lead-lined rooms and project signage.

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 # 750004965522

Original Contract Amount:

\$20,580,840

Total Change Orders to Date: 25

Cumulative Change Order Amount:

\$306,415

Low Bid:

Revised Contract Amount:

\$20,887,255

High Bid:

Contract Percent Complete:

85%

Number of Bids:

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

Change Order # 3, 11/16/16, was approved for a decrease of \$35,919 to delete a redundant data outlet. **Change Order # 8**, 2/1/17, was approved for an increase of \$38,381 to revise integral blinds from those with an external crank wheel to those with a thumbwheel control. **Change Order # 10**, 2/23/17, was approved for an increase of \$210,170 to revise lead lined room locations, number of shielded rooms, and shielding type as directed by the UK radiation physicist. **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: \$31,000,000

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: 1	Cumulative Amendment Amount:	\$428,000
Describe all amendments :	Revised Contract Amount:	\$789,875

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. **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:	\$11,295,371
Total Change Orders to Date: 12	Cumulative Change Order Amount:	\$87,134
Low Bid:	Revised Contract Amount:	\$11,382,505
High Bid:	Contract Percent Complete:	28%

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) - Endoscopy Renovation

Project Number: 2402.15

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

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

Consultant: GBBN Architects

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

No amendments this quarter.

Contractor:

No construction contract awarded to date.

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

Number of Bids:

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2402.90

Project Description: Scope: \$56,500,000

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

Consultant: GBBN Architects, Inc.

Contract # A161200	Original Contract Amount:	\$1,546,600
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$1,546,600
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:

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

Project Number: 2402.13

Project Description: Scope: \$45,300,000

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:

No construction contract awarded to date.

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2402.12

Project Description: Scope: \$11,300,000

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
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Total Amendments to Date:	Cumulative Amendment Amount:	
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Describe all amendments :	Revised Contract Amount:	\$355,000
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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/Improve Eagle Building Capital Project

Project Number: 2460.00

Project Description: Scope: \$1,500,000

This Project will renovate and upgrade the facility to accommodate use by the College of Fine Arts and relocate all WUKY operations from McVey Hall to the Eagle Building. The Capital Project will include interior reconfiguration of the existing recording studios into several new broadcast booths and a control room. Three new pre-fab accessory structures will be added to the structure and will include storage space, workshop, and transmission space for the radio broadcast equipment. Additionally, an emergency generator and a 189-foot monopole transmission antenna will be added and parking may be expanded from 13 to 36 spaces.

Consultant: Physical Plant Division In-House Design

Contract #	Original Contract Amount:	
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Total Amendments to Date:	Cumulative Amendment Amount:	
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Describe all amendments :	Revised Contract Amount:	
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Contractor: Marrillia Design & Construction

Contract # 4300183832	Original Contract Amount:	\$955,200
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Total Change Orders to Date: 15	Cumulative Change Order Amount:	-\$3,199
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Low Bid: \$955,200	Revised Contract Amount:	\$952,001
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High Bid: \$1,034,000	Contract Percent Complete:	75%
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Number of Bids: 2

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 Mechanical Systems Capital Project (Dickey Hall)

Project Number: 2456.00

Project Description:

Scope: \$4,000,000

This project will replace the heating ventilation and air conditioning (HVAC) in Dickey Hall. KJWW Engineering completed an assessment of the existing HVAC systems servicing Dickey Hall in March 2016. The study found that the mechanical system is inefficient and does not provide reliable comfort for the building's occupants. The HVAC and lighting renovation of Dickey Hall consists of new water-cooled Variable Refrigerant Flow systems with 3-pipe heat recovery. A 100% Dedicated Outdoor Air System with steam heat coil providing treated outdoor air to entire building. LED lighting has been added to most spaces. Dimmers and occupancy sensors are included in lighting design. Building wet sprinkler system added to entire building and fire alarm system upgrades are provided. Generator provides emergency power for life safety and freeze prevention in winter. New BMS with DDC controls system provided for entire building to connect to Delta Room. New ceilings and rework of existing ceilings are included in project.

Consultant: Staggs and Fisher, Inc.

Contract # A171080

Original Contract Amount: \$252,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$252,000

No amendments this quarter.

Contractor: Marrillia Design & Construction

Contract # 7500101327

Original Contract Amount: \$3,227,000

Total Change Orders to Date: 11

Cumulative Change Order Amount: \$110,293

Low Bid: \$3,227,000

Revised Contract Amount: \$3,337,293

High Bid: \$4,282,350

Contract Percent Complete: 40%

Number of Bids: 5

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

Change Order # 4, 6/7/17, was approved for an increase of \$40,118 to add additional controls scope as a result of building controls coordination meeting.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Improve Building Systems - UK HealthCare Capital Project (Roach Air Handling Unit S-1)

Project Number: 2449.00

Project Description: Scope: \$1,380,000

This project will replace air handling unit (AHU) S-1 in the Ben F. Roach Cancer Care Facility. This AHU is 32 years old and in poor mechanical condition. It supports the 2nd floor of the building which is a clinical area. Replacement of the unit is necessary to ensure air quality, meet regulatory requirements, and to maintain the interior environment without temperature fluctuation.

Consultant: CMTA Engineering Consultants

Contract # A161170	Original Contract Amount:	\$92,775
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$92,775
No amendments this quarter.		

Contractor: H&R Mechanical Contractors

Contract # 7500083934	Original Contract Amount:	\$1,083,608
Total Change Orders to Date: 3	Cumulative Change Order Amount:	\$43,271
Low Bid: \$1,235,000	Revised Contract Amount:	\$1,126,879
High Bid:	Contract Percent Complete:	99%
Number of Bids: 1		

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

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

Upgrade/Renovate/Expand Grain Center of Excellence Capital Project

Project Number: 2458.00

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

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:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$1,199,385
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:
