

# FCR 14

Office of the President  
December 9, 2014

Members, Board of Trustees:

## CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending September 30, 2014 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 July 1, 2014 thru September 30, 2014:***

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

- |                |  |
|----------------|--|
| Project 2394.0 | Design – Renovate/Upgrade Hospital Facilities – Good Samaritan Emergency Department<br>- Stengel-Hill Architecture, \$228,500 ( <i>Design</i> )  |
| Project 2398.0 | Center for Applied Energy Research Slipstream Capital Project<br>- CMTA Engineers, \$101,000 ( <i>Design</i> )   |
| Project 2400.0 | Repair/Upgrade/Improve Building Mechanical Systems (Med Science Air Handling Unit)<br>- H&R Mechanical, \$671,600 ( <i>Construction</i> )  |
| Project 2401.0 | Renovate Old Soccer/Softball Locker Room<br>- Brandstetter Carroll Architects, \$62,800 ( <i>Design</i> )  |
| Project 2402.1 | Renovate/Upgrade UK Healthcare Facilities - Pavilion A - 9th & 10th Floors and Elevators<br>- GBBN Architects, \$884,500 ( <i>Design</i> )<br>- Turner Construction Co., \$3,681,774 ( <i>Construction</i> ) |
| Project 2411.0 | Upgrade/Renovate Space in Multi-Disciplinary Science Building<br>- Omni Architects, \$317,000 ( <i>Design</i> )  |

***Two contracts were completed this quarter:***

- Project 2354.0      Repair/Upgrade/Improve Bldg. Systems - UKHealthCare (Good Samaritan Hospital Air Handlers)  
- Congleton-Hacker Co., \$2,371,215
- Project 2393.0      Repair/Upgrade/Improve Civil/Site Infrastructure - South Campus Parking Lot  
- ATS Construction, \$1,139,495

***Four amendments were as follows:***

- Project 2339.0      Renovate Academic Facility - University Lofts Facility  
- Provide additional design services for changes to faculty studios, architectural and structural elements for the kiln yard, and civil design for future parking. (+) \$28,319
- Project 2345.0      Renovate/Expand Gatton Building  
- Provide for redistribution of reimbursable services to design services to provide for a redesign of the landscaping plan and incorporation of a second retaining wall. (+) No increase in cost.
- Project 2369.0      Upgrade/Relocate Pediatric Critical Care Unit  
- Provide for design and rendering development for additional areas to be used for fundraising for Phase II. Also included is bidding and construction services for additional rooms added to the current phase. (+) \$25,080  
- Provide for additional design services to provide bid documents and construction services for the front desk and 3200 square feet of the out-patient center in Phase II. (+) \$44,150

***Twenty one change orders greater than \$25,000 were as follows:***

- Project 2239.73      Construct Patient Care Facility – 8<sup>th</sup> Floor Fit-Out (Phase I-D)  
- Delete green data patch cables due to use of surplus cables. (-) \$32,244  
- Provide additional circuits to power Intensive Care Unit boom brakes. (+) \$46,324
- Project 2239.75      Construct Patient Care Facility - Clinical Decision Unit (Phase 1-E)  
- Provide new doors for two existing frames. Replace door hardware sets on all doors to meet life safety requirements for the revised use of the suite as an Emergency Department Observation Unit. (+) \$44,101
- Project 2339.0      Renovate Academic Facility – University Lofts Facility  
- Provide for an additional two months of time and general conditions cost due to cell phone equipment and asbestos removal. (+) \$30,000  
- Provide for renovation of the third floor of the 1900 building to include new mechanical, electrical, and plumbing as well as finishes for the faculty studio offices. (+) \$337,029

- Project 2345.0 Renovate/Expand Gatton Building
- Provide for allowance adjustment, based on unit prices, for the actual volume of caissons as installed compared to the quantity in the contract. (+) \$55,072
  - Provide the labor and material as necessary for abatement of fittings above the specified amount in the bid documents. (+) \$58,007
  - Provide for addition of a second retaining/seat wall to provide a less steep grade coming from University Drive. (+) \$53,211
- Project 2362.0 Upgrade/Expand Commonwealth Stadium
- Provide credit for the portion of the fatty clay allowance that was not used. (-) \$83,775
  - Provide for modification and installation of three temporary light poles. (+) \$37,186
  - Provide credit to the project for the donated stone. (-) \$28,897
  - Provide credit for use of core filled insulated concrete masonry units in lieu of insulated concrete masonry units (CMU instead of ICMU) (-) \$292,615
  - Provide credit to delete the replacement of the existing transformer. The current transformer was deemed suitable. (-) \$68,761
  - Provide credit for the removal of the duct cleaning requirement as it is believed final duct cleaning will be minimal. (-) \$126,857
  - Provide for labor and material necessary to bring the area where the President's room was demolished into a condition that can be safely entered by game day patrons. (+) \$27,794
  - Provide for replacement of 210 feet of sanitary piping with new cast iron service weight hub and spigot piping and to provide back fill as necessary. (+) \$33,324
  - Provide credit for deletion of six elevated seating platforms on the north side of the stadium at the upper concourse. (-) \$60,341
  - Provide credit for using removable, stainless steel CalPipe bollards in lieu of hydraulic bollards. (-) \$144,744
- Project 2363.0 Construct Academic Science Building
- Provide for disposal and disposal oversight of non-friable asbestos and impacted materials discovered during demolition. (+) \$250,260
- Project 2369.0 Upgrade/Relocate Pediatric Critical Care Unit
- Provide for additional areas of renovation to the current phase of construction resulting in future savings in time and cost. (+) \$115,815
- Project 2379.0 Emergency Replacement of Woodford County Feed Mill
- Provide necessary changes for undercutting of fat clays and replacement with compacted dense graded aggregate (DGA) on both the feed mill structure and the pole barn. Also provide for modifications on the foundations of the feed mill structure. (+) \$42,703

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Action taken:     Approved     Disapproved     Other \_\_\_\_\_

## **CAPITAL CONSTRUCTION CONTRACTS QUARTERLY ACTIVITY REPORT**

This report contains capital projects that have a dollar scope value of \$600,000 and above. The projects are listed in alphabetical order and contain the project number, the dollar scope, a brief description of the project work and information pertaining to the primary consultant's contract and the primary contractor's contract. This information includes:

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

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

## CAPITAL CONSTRUCTION QUARTERLY ACTIVITY REPORT

### Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Major Projects**  
**Capital Project Management Division**  
**October 2014**

**Acquire/Renovate Academic Facilities – Early Childhood Laboratory**

*Project Description:*

This project will renovate approximately 10,566 square feet of shelled space in the recently purchased Lexington Theological Seminary facilities to accommodate the College of Education's Early Childhood Laboratory currently located in the basement of the Erickson Building. The Early Childhood Laboratory provides early childhood education to children from six weeks of age through pre-school and provides College of Education students with an excellent opportunity to gain invaluable field experience in early childhood teaching. The program also provides a valuable on-campus childcare opportunity for faculty and staff. This renovation will include Americans with Disabilities Act (ADA) compliance, upgrade and replacement of mechanical systems, and fit-up of programming space to accommodate the lab. This project will allow for expansion of the program in improved facilities, and also alleviate long-standing environmental concerns related to the current location.

*Project Status:*

Mechanical and electrical systems and interior finishes are being completed. Substantial completion is scheduled for mid-December.

**Campus Security System**

*Project Description:*

This project includes various security initiatives using a centralized safety response to campus monitored from the Police Department located in the Safety and Security Building for both the Main campus and UK HealthCare (UKHC) campus. The project includes a geo-diverse video management system (VMS) and security management system (SMS) that provides situational awareness to targeted areas on campus and event driven analytics to alert University Campus Police of possible threats to campus. This project will provide campus-wide camera monitoring, early warning systems speakers, and other communication devices to monitor and respond to campus incidents. The project will provide the infrastructure necessary for proposed installations and incorporate or replace legacy systems to a single security system.

*Project Status:*

Installations on main campus are complete. The UKHC building installation has begun. Substantial completion is expected to be in November.

**Center for Applied Energy Research Slipstream Capital Project**

*Project Description:*

The Center for Applied Research (CAER) has developed a novel heat integration scheme for the system that is expected to meet the Department of Energy performance and cost targets of 90 percent CO<sub>2</sub> capture, 95 percent CO<sub>2</sub> purity, with an increase in the cost of electricity of less than 35 percent. The CAER CO<sub>2</sub> capture process has been designed and will be erected and operated at LG&E/KU's E.W. Brown Generating Station in Harrodsburg, Kentucky. The project will be led by CAER with collaboration from the Electric Power Research Institute, Mitsubishi Hitachi Power Systems America, Koch Modular Process Systems and the Smith Management Group.

*Project Status:*

Design is complete and the project was bid. A contract is in the process of being executed. Construction is to commence in early November with completion scheduled for early February 2015.

**Construct Academic Science Building**

*Project Description:*

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 53,900 gross square feet of shelled research space.

*Project Status:*

The construction documents design phase will continue to mid-November. Early bid packages for demolition, excavation, and site utilities have been awarded. Advertising of building bid packages will continue through mid-December. Demolition of Donovan Hall, Wenner-Gren and UK Food Storage buildings are complete and building site work has begun.

**Construct Football Training Facility and Practice Fields**

*Project Description:*

This project will construct the Football Training Facilities and Practice Fields for the Department of Intercollegiate Athletics football program. The project will include a new two-story structure and two practice fields with an adjoining drill area. The facility will also include administrative offices, locker spaces, team meeting areas, training areas, high performance and weight room spaces, equipment rooms, a hydrotherapy room, player locker rooms, lounge facilities, facilities for a training table, an academic lounge/study area, and an entrance lobby with enhanced visitor amenities.

*Project Status:*

The design development documents were delivered to the University on September 30. Review meetings were held with various representatives of the campus community in mid-October. All comments will be addressed before moving to the construction document phase. The Construction Manager's (CM) second construction estimate which was based on design development documents was reconciled with an estimate generated by the design team. The required adjustments were made to keep the project within budget.

Construction documents will be delivered in three packages. Design Release 1 (DR1) includes utilities relocation, earth retention, building pad cut and generator/transformer installation. DR1 documents are due on December 15. DR2 includes mass earth work, foundations, steel, storm drainage and foundation water proofing. DR2 documents are due on January 15, 2015. DR3 includes building, site development and practice fields. DR3 documents are due on February 26, 2015.

Current schedule calls for the DR1 packages to be bid January 20, 2015 with construction to begin in February 2015. DR2 packages will be bid February 17, 2015 with work beginning immediately. DR3 packages will be bid April 1, 2015 and the work will commence shortly thereafter. Construction will proceed thru the 2015 football season with construction coordinated in a fashion to have minimal impact on classes, game day events, and field house operations. Substantial completion is set for June 2016, prior to the beginning of the 2016 football pre-season.

**Construct Patient Care Facility – 8th Floor Fit-out (Phase 1D)**

*Project Description:*

Since opening the first two patient care floors in Pavilion A in May 2011, UK HealthCare has continued to experience strong inpatient admissions growth. 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 eighth floor for inpatient cardiovascular services and fit-up of space on the third floor for an expansion of inpatient pharmacy services. This project will provide 64 inpatient beds and increase the medication packaging and distribution capacity for the Central Pharmacy.

*Project Status:*

The project was accepted as substantially complete on October 20. The hospital is currently installing IT and medical equipment.

**Construct Patient Care Facility – Hospital Pharmacy (Phase 1D)**

*Project Description:*

This project is a fit-up of an 8,560 square foot shell space on the third floor for use as a hospital pharmacy. The project consists of areas dedicated to warehousing and dispensing medications required for hospital patients. The project will also provide a clean room for preparing drugs used in chemotherapy.

*Project Status:*

The project was accepted as substantially complete on August 28. The hospital has completed equipment installation and is stocking pharmaceuticals for a go live date of November 10.



### **Construct Patient Care Facility – Clinical Decision Unit (Phase 1E)**

#### *Project Description:*

This project is a fit-up of a 7,300 square foot shell space on the ground floor for use as a Clinical Decision Unit. The project consists of 24 patient observation beds, staff and support areas, and required utilities.

#### *Project Status:*

The project was accepted as substantially complete on October 31.

### **Construct UK/Nicholasville Road Flood Mitigation**

#### *Project Description:*

This project will construct three separate improvements, to provide 100 year storm (and lesser storm) mitigation to prevent roadway overtopping and improve pedestrian safety addressing storm water quantity within this one campus water shed. 1) Area south of Alumni Drive at Shawneetown Drive (includes permanent removal of remaining section of Shawneetown Drive and relocation of existing utilities) will be excavated for additional storm water detention. 2) Existing culvert upgrade at the upstream side of Nicholasville Road. 3) Installation of storm water retention areas between University Drive extension and Greg Page Drive, south of Alumni Drive. The \$11,880,030 project will be funded by a federal grant of \$8,910,023 from FEMA with the balance of \$2,970,007 being the in kind value of the 3.6 acres of University of Kentucky land determined by adjacent property values. Water quality related issues may also be part of the project scope depending on available funds and compatibility with storm water quantity design. At the completion of the project, the final landscaping will create a natural park setting, creating a model of how storm water management areas can also be passive park settings.

#### *Project Status:*

Construction is ongoing. Excavation for Area 5 (the area between Greg Page Apartments and Shawneetown Apartments) is complete. The underground detention structures have been installed and backfilling is complete. Restoration of Area 5 will be complete in late November.

Utility relocations in Area 1 (the area between Nicholasville Road & University Court) is ongoing. Columbia Gas is to be finished in late November. Installation of a new electrical ductbank structure in this area began in October and will complete in November. Relocation of the electrical service by Kentucky Utilities will begin in December. Restoration of the stream bed in Area 1 commenced in October and removal of the old Shawneetown Court roadbed will begin in December. Removal of the existing parking lot at Alumni Drive & Greg Page will begin in early December so that excavation of the detention area may begin.

### **Construct/Replace/Upgrade Student Housing – Fit-up the Study/Coffee Shop in Champions Court I**

#### *Project Description:*

This project will fit-up 8,400 square feet of shelled space in the new housing facility, Champions Court I, for a second location of The Study with an addition of a Coffee Shop. The Study/Coffee shop will provide approximately 250 seats and numerous study spaces conducive for group interaction and the latest technology to support a collaborative academic retention focus on north campus.

#### *Project Status:*

This project was accepted as substantially complete on September 9.

### **Design - Expand/Renovate Student Center**

#### *Project Description*

The renovation and expansion of the Student Center is part of a broader plan to enhance student life across campus. Improvements will likely include updated student activity and study spaces, dining and retail operations, parking, a bookstore, and other amenities that support student access. This design phase will be negotiated in full but initiated and contracted in appropriate subcomponents. Initially, it will provide schematic documents to allow for a more detailed needs assessment, advanced preliminary concepts, and more detailed cost estimates for the project.

#### *Project Status:*

Schematic design is scheduled to complete by late November. Early enabling bid documents are scheduled to be completed April 2015 with overall design continuing to August 2015. Construction is scheduled to be completed in December 2017.

### **Design – Renovate/Upgrade Hospital Facilities – Good Samaritan Emergency Department**

#### *Project Description:*

This project will develop a design for the renovation of the Good Samaritan Emergency Department. The renovation contemplated will address the needs of the patient population and the clinical services offered at Good Samaritan. Specific elements will likely include expanded service capabilities, private patient rooms, improved staff support spaces, and enhanced patient and family waiting space.

#### *Project Status:*

Stengel-Hill Architecture was selected as the consultant. Programming meetings have begun; schematic design is scheduled to be complete in mid-December.

### **Emergency Replacement of Woodford County Feed Mill**

#### *Project Description*

On May 26, 2013, a fire destroyed the College of Agriculture's feed manufacturing facility located on the C.O. Little Research Center in Woodford County. This facility was used to create precise diets suitable for research for all poultry at the Coldstream Research Center and all swine and sheep at the C.O. Little Research Center. This project is for the design and reconstruction of the facility.

#### *Project Status:*

The feed mill foundation work is ongoing. The sheep storage building and silos are under construction and are scheduled to complete next month. The overall completion date for all structures remains April 2015.

### **Renovate Academic Facility – University Lofts Facility**

#### *Project Description:*

This project will renovate the 110,000 gross square foot facility into classrooms, class labs/studios, office and support space for the College of Fine Arts. The improvements will also include necessary upgrades of the building systems such as communications, plumbing, HVAC, electrical, fire safety and security.

#### *Project Status:*

The installation of the structural frame at the west entrance has begun. Site demolition is 95 percent complete. Mechanical, Electrical and Plumbing (MEP) work continues; drywall hanging and finishing is complete in the 1899 wing of the building and approximately 95 percent complete in the 1900's wing. Ceramic tile and restroom fixtures installation is complete in the 1899 wing. Metal door installation is complete. Installation of glass in hollow-metal frames is complete and security system installation has begun. The first coat of primer and paint, the installation of metal door hardware, and casework installation will be completed within the next 30 days.

Due to a delay in the relocation of the cell phone equipment off the roof of the old boiler room, substantial completion has moved to May 5, 2015, but this will not impact the fall 2015 opening.

### **Renovate Old Softball/Soccer Locker Room**

#### *Project Description:*

The men's and women's soccer and the women's softball teams have been moved from the old soccer/softball facility to newly renovated facilities in the expanded softball/soccer complex. However, the men's and women's soccer and women's softball team offices remain in Commonwealth Stadium. This project will renovate the existing soccer/softball locker and shower space in the old soccer/softball building to create new office and administrative space for the coaches and staff of the three teams. As a result, the student-athletes will have access to their coaches and coaching staff in adjacent facilities.

#### *Project Status:*

The design process is complete. The bid opening is scheduled for November 25.

### **Renovate/Expand Gatton Building**

#### *Project Description:*

This project includes renovating and expanding the existing 138,400 gross square foot (gsf) Gatton Building. The expansion will include a three story 67,000 gsf addition 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.

*Project Status:*

Foundations for the new addition have been completed and structural steel has been set. Floors have been poured and wall layout has begun. Abatement and demolition work have been completed in the original 1963 building. Wall framing is in progress along with overhead and in-wall MEP rough-ins.

Completion of the work associated with this bid package will occur in multiple phases. Phase I will consist of construction of the new addition (February 2014 – July 2015); Phase II, which partially overlaps with Phase I, includes the renovation of the original 1963 building (May 2014 – July 2015); and Phase III will renovate the 1991 addition (August 2015 – April 2016).

**Renovate/Upgrade UK HealthCare Facilities (Phase 1F) - 9th & 10th Floor Fit-Out and Elevators**

*Project Description:*

The Albert B. Chandler Hospital facilities development plan provides for the systematic replacement and renovation of patient care facilities. Since the opening of the first two patient care floors in Pavilion A of the new Patient Care Facility in May 2011, 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 ninth and tenth floors for inpatient medicine/pulmonary services. This project will provide 128 inpatient beds, including 48 ICU beds. Also included in this project is the purchase and installation of (9) elevators.

*Project Status:*

Design is nearing completion. Bids will be solicited, with the expected bid date to be January 18, 2015. Turner Construction has been contracted for CM services for the project.

**Repair/Upgrade/Expand Central Plants - CUP Boiler Feed Water System**

*Project Description:*

The Central Utility Plant (CUP) on Press Avenue houses three gas boilers that furnish steam to the campus system. The current feed water system was installed when the plant was initially opened and does not have the capacity to support the plant feed water requirements when all three boilers are on-line. This project will replace the existing feed water system with an enhanced higher capacity feed water system.

*Project Status:*

Due to scheduling considerations the project will be contracted and constructed in two phases. Phase 1 began July 21, 2014. This work included construction of the underground tanks on the north elevation of the existing plant and construction of a holding basin in the basement of the CUP. The excavation is complete and the two external poured-in-place tanks are now in place. Coating of the tanks has begun now that all tanks have cured as required. The forming and pouring of the upper portion of the outside tanks will take place during the month of November.

The second phase of the project includes the installation and commissioning of the water softening equipment in the basement of the CUP. The equipment is scheduled to be delivered in mid-November. Installation of this equipment is scheduled to take two months. The chemical required to make the system functional are schedule to be delivered in mid-December. Once all equipment is in place and operational, start-up and training will take place. The training is currently scheduled for early January allowing for final completion of the work by January 15, 2015.

**Repair/Upgrade/Improve Electrical Infrastructure (Central Campus)**

*Project Description:*

Current projects under construction and in various stages of planning will require expanded electrical capacity to meet the power needs of these facilities. This project will construct an underground duct bank and bring 12,000 volts (12kV) feeds from Substation #3 to power each facility. The duct bank will serve the future Academic Science Building along with the other new facilities. It will also add to campus system overall reliability.

*Project Status:*

Final acceptance is scheduled for mid-November.

**Repair/Upgrade/Improve Building Mechanical Systems (Fine Arts)**

*Project Description:*

This project will replace and upgrade major mechanical systems in the Fine Arts Building which includes replacement/upgrade of the air handling units and associated temperature controls, exhaust fans, and the reheat coils serving the north wing. The replacement and upgrade of the these mechanical systems will improve the comfort and

energy efficiency of the areas served and also improve indoor air quality as the existing supply and return duct systems will be cleaned. The work will be phased to complete as much of the work as possible during the summer and off peak times to minimize the impact to students, faculty, and staff.

*Project Status:*

This project was accepted as substantially complete on October 20.

**Replace/Upgrade/Improve Building Mechanical Systems – Med. Science AHU**

*Project Description:*

This project will replace the air-handling unit (AHU) for the Division of Laboratory Animal Resources (DLAR) located in the basement of the Willard Medical Education Building. The AHU is over 30 years old and in poor mechanical condition. Replacement of the AHU is needed to meet regulatory requirements and ensure air quality and maintenance of a constant temperature for research purposes.

*Project Status:*

Construction is on schedule. H&R Mechanical was the low bidder and has been awarded the project. Substantial completion is scheduled for January 15, 2015.

**Repair/Upgrade/Improve Building Shell Systems (2014 Annual Parking Garage Maintenance & Restoration)**

*Project Description:*

This project is the second yearly component of a preventative maintenance and repair program for the campus parking structures programmed for the next nine years and includes repairs in eight of the parking garages. This maintenance and repair program is intended to maintain and extend the useful life of the campus parking structures. Work will include masonry repairs, concrete repairs, painting, traffic coatings, roofing replacement as well as any work deemed to be critical to the continued service of the each individual garage.

*Project Status:*

This project was accepted as substantially complete on September 1.

**Repair/Upgrade/Improve Civil/Site Infrastructure - Construct Cooperstown Loop Road**

*Project Description:*

As part of the Phase II-A and Phase II-B Housing projects, the Cooperstown apartments will be replaced with undergraduate student residence halls. A relocation of Cooperstown Drive is necessary to provide sufficient usable land for the proposed layout and improve traffic flow from Sports Center Drive. The relocation will be included in the update of the Campus Master Plan currently underway.

*Project Status:*

Final construction documents have been received and transmitted to bid. Bids are scheduled to open in late November and construction is scheduled to be completed in June 2015.

**Repair/Upgrade/Improve Civil/Site Infrastructure - Scott Street Parking Lot**

*Project Description:*

This project will construct a parking lot at 313-347 Scott Street. The project creates approximately 265 parking spaces which will offset recent north campus parking losses. This project includes the construction of the lot as well as associated site preparation including demolition and abatement of the Reynolds Warehouse #3 and four other small structures located on the site.

*Project Status:*

The Construction Document review meeting was held on July 10. Bidding, abatement, and construction will begin once Reynolds #3 occupants are relocated.

**Repair/Upgrade/Improve Civil/Site Infrastructure - South Campus Parking Lot**

*Project Description:*

This project will expand the E.S. Good Barn parking lot and connect it to the parking lot currently under construction as part of the FEMA South Campus Storm Water capital project at the northwest corner of University and Alumni Drives. The expanded lot will provide parking along the University Drive transit corridor, and will create approximately 400 parking spaces.

*Project Status:*

This project was accepted as substantially complete in August. Tree planting in the islands and surrounding area will begin in November, with some tree species being planted in the early spring planting period.

### **Upgrade/Expand Commonwealth Stadium**

#### *Project Description:*

The existing stadium, built in 1973, needs upgrades and expansion to better accommodate the students, fans and players. The project will provide new premium seating with revenue generating opportunities, improving the overall operational effectiveness and enhancing the fan experience as well as allowing UK to attract the best student-athletes to the campus. Among the planned improvements are many spectator driven improvements (improved concessions, restrooms and security), a new multi-purpose recruiting room, 16-20 new private suites, new home team locker room, approximately 2,000 new club seats, three new club spaces, new press facilities and a new full- service kitchen.

#### *Project Status:*

The Stadium project is moving forward on schedule with substantial completion set for August 14, 2015 prior to the beginning of the 2015 football season. In support of the schedule, the construction packages were released in four packages.

The Structural Steel Design Release (SSDR) and Design Release 1 (DR1) packages which include steel, site clearing, demolition, piers and foundations, and other subterranean work are currently near completion with the exception of demolition. On November 9, after the last 2014 home football game, the demolition contractor and the drilled pier contractor will remobilize to complete their work.

Design Release 2 (DR2) packages which include slab on deck installation, architectural precast materials, elevators, early electrical work, and major HVAC components are now under contract and moving forward. Metal decking is 70 percent complete. All the slabs on the north elevation and 80 percent of the slabs on the south elevation are now in place. The DR2 mechanical and electrical contractor are following immediately beginning rough-in behind the installation of the slabs. The shop drawings for architectural precast materials and elevators are near completion. Off-site production of both elements is underway. Architectural precast in being installed. Appearance of the final panels remains a concern. The construction manager is addressing this issue with the trade contractor.

Design Release 3 (DR3) packages which consists of all other elements including masonry, MEP systems, graphics, roofing, glazing, seating, painting, flooring, finishes, etc. are under contract with the exception of landscaping and final cleaning. Landscaping will be bid in December and final cleaning when appropriate near the end of the project. The mason is under contract and continues laying block on both levels of the north side and the east end zone. Electrical, low voltage, plumbing and heating contracts are in place with the rough-in work continuing on schedule. These packages are participating in the Building Information Modeling (BIM) coordination process which is near completion. The glass and glazing contract was put into place in late July with several value engineering modifications. Deliveries are expected in early December. The seating package is in place with deliveries scheduled for early April 2015. All finish packages including painting and flooring are under contract with the submittal process moving forward.

### **Upgrade/Relocate Pediatric Critical Care Unit**

#### *Project Description:*

The project will renovate existing space of the KY Children's Hospital Acute Care Unit in Pavilion HA. The work implements contemporary pediatric design concepts, interior finish upgrades including flooring, wall reconfigurations, ceiling, and lighting. The project includes all patient, public, and staff spaces such as patient rooms, patient bathrooms, team work areas, and corridors. The implementation of this project is dependent upon private donations. Preliminary designs and related renderings will assist the University in fund-raising efforts.

#### *Project Status:*

Zones 3, 5 & 6 of Phase I are complete. Design of the nurse's station in Phase I is to be complete in December so the construction work may take place in non-patient care space during the highest census period of the year. Renovation of patient rooms will continue in the spring of 2015 as patient census declines.

### **Upgrade/Renovate Space in Multi-Disciplinary Science Building**

#### *Project Description:*

This project will renovate the fourth floor, or approximately 15,750 square feet, of the Multi-Disciplinary Science Building. The renovation will include reconfigured academic, administrative and support spaces; updated finishes and fixtures; and necessary upgrades to mechanical and electrical components. The renovated space will house several University units, including the Disability Resource Center, The Graduate Center for Gerontology and Student Support Services.

*Project Status:*

Design started in September. Schematic design and design development review meetings are complete. The construction document review meeting is scheduled. The project will bid in December and substantial completion is scheduled for May 2015.

**Abatement & Demolition North Campus Buildings**

*Project Description:*

This project will demolish five buildings on north campus to clear a site for the Phase II-C development of the partnership between the University of Kentucky and Education Realty Trust (EdR). The buildings to be demolished include: Boyd Hall, Jewell Hall, Holmes Hall, Keeneland Hall, and the Hamilton House.

*Project Status:*

This project was accepted as substantially complete on September 29.

**Champions Court I & II (Previously referred to as “Blazer” & “Wildcat”)**

*Project Description:*

This project is a part of the Phase II-A development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. The Champions Court I (CCI) building consists of eight floors with 740 beds, and includes shelled space for fit-out of retail and classroom space. The Champions Court II (CCII) building consists of 427 beds on five floors and does not include shelled space. These buildings are being constructed on the site encompassed by Martin Luther King Blvd. to the west, Lexington Ave. to the east, Avenue of Champions to the south and north to include the Samaritan parking lot which is located just north of the former Joe B. Hall Wildcat Lodge. The Joe B. Hall Wildcat Lodge was demolished to make room for the new construction.

*Project Status:*

These buildings have been accepted as substantially complete. CCI was accepted on July 31 and CCII was accepted on July 2.

**Construct, Expand, and Renovate Ambulatory Care Facility – Kentucky Clinic Medical Plaza Second Floor and Urology Clinic**

*Project Description:*

This project will renovate both the Medicine and Urology Clinics located in the original section of the Kentucky Clinic Building. These renovations will create more usable exam room space, enhance patient and staff circulation, improve waiting areas, and upgrade HVAC systems to current standards.

*Project Status:*

The University is currently awaiting proposals for design services. Upon receipt, a short-list meeting and subsequent interviews will be held. Design is scheduled to begin in late November.

**Construct, Expand & Renovate Ambulatory Care Facility – UK HealthCare (Pediatric Hematology/Oncology – Pavilion H)**

*Project Description:*

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.

*Project Status:*

The consultant selection process will begin in November, 2014.

**Haggin Hall**

*Project Description:*

This project is a part of the Phase II-A development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. The Haggin Hall building consists of five floors with 396 total beds, and includes shelled space for fit-out of a dining facility. This building is being constructed on the site location of the former Haggin Hall, and is encompassed by Hilltop Avenue to the North; Huguélet Avenue to the South; Central Halls I & II to the East; and the future science building to the West.

*Project Status:*

This project was accepted as substantially complete on July 31.

**Limestone Park I & II**

*Project Description:*

These buildings make up the Phase II-C development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. These buildings will make-up the last section of the north campus housing development. Limestone Park I (LPI) will be seven stories, with 645 beds & one classroom; it will also include retail space and shelled space to be fitted out by the University. Limestone Park 2 (LPII) will also be seven stories, with 495 beds. These buildings will be located on north campus where the former Boyd Hall, Jewell Hall, Holmes Hall, Keeneland Hall, and the Hamilton House were located and adjacent to Patterson Hall.

*Project Status:*

Initial work has begun on the building pads and caissons for both buildings. These buildings are scheduled to open in August 2016.

**Renovate Academic/Administrative Space Five (Employee Wellness Center)**

*Project Description:*

The Employee Wellness Center, currently located in the Alumni Gym, must be relocated to accommodate the planned expansion and renovation of the Student Center. A corner of the Export Building will be renovated to include approximately 6,500 square feet for the Employee Wellness Center. The space will accommodate fitness equipment, group exercise classes, and provide space for locker rooms, staff offices, and storage.

*Project Status:*

A design contract was awarded to Lockett & Farley this month. The project will bid in early February 2015 and substantial completion is scheduled for May 2015.

**Renovate/Replace Playing Field – Commonwealth Stadium**

*Project Description:*

Commonwealth Stadium's playing surface has not been completely renovated since 2001. This project will renovate and replace the natural grass playing surface with a synthetic "in-fill" type surface for the Department of Intercollegiate Athletics football program. This project will include removal of the existing natural grass playing surface and sand-based subsurface and installation of the in-fill type synthetic grass surface over the existing field drainage system.

*Project Status:*

As this work is best performed by a specialty contractor, the purchasing will be a Request for Proposals (RFP) format, resulting in completion of the project thru a Design/Build contract. The advertisement was released October 14. A pre-proposal conference was held October 23. Four interested contractors attended. Proposals are due November 7, with the first round of evaluation occurring November 11. The offerors selected will be invited to make presentations on November 20. The goal is to award the contract by December 1.

Demolition of the existing playing surface is to begin April 1, 2015, after the contractor for the stadium renovation clears the field. The work is to be substantially complete by June 1, 2015. The new field will be playable for the 2015 football season.

**Renovate/Upgrade Academic Space (Patterson Hall)**

*Project Description:*

Patterson Hall was opened in 1904 as the first University of Kentucky women's dormitory. This capital project will renovate and upgrade this historically significant structure integrating it into the newly developed north campus. Patterson Hall will be renovated and upgraded for use as classrooms, study areas, and gathering spaces as part of the Living-Learning Program. Renovations will also include some office space for functions supporting UK students. Additionally, this project will upgrade major building mechanical systems and perform exterior repairs to enhance the historical integrity and ensure the longevity of the building. By saving and rehabilitating this building, the University preserves a significant contribution to the architectural history of the campus; maintaining it for future generations of students, faculty, and alumni.

*Project Status:*

Lord Aeck Sargent has been selected as the architect for this project. We are currently in fee negotiations. The project is scheduled to bid in June 2015 with construction to be substantially complete in July 2016.

**Renovate/Upgrade UK HealthCare Facilities (Phase 1F) – Chiller**

*Project Description:*

The fit-out of additional areas in Pavilion A will cause the space cooling demand to increase to a point where an additional chiller will be required to be purchased and installed. This chiller will be located in the Central Utility Plant and will supply the campus loop, which in turn supplies the hospital with chilled water for cooling.

*Project Status:*

An RFP for design services will be posted in November.

**Renovate/Upgrade UK HealthCare Facilities (Phase 1F) - 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 healthcare 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:*

An RFP for design services was issued. Four short listed firms will be interviewed November 7.

**Renovate/Upgrade UK HealthCare Facilities (Phase 1F) - Kitchen/Cafeteria, MRI, Hyperbaric**

*Project Description:*

Since opening two patient care floors in Pavilion A, as well as surgery, the post-anesthesia care unit (PACU), and the emergency department (ED), the patient and visitor load has increased steadily. This volume of patients, staff, and visitors has resulted in an increasing demand for food services, which is currently served from Pavilion H. This project will help alleviate these constraints by providing a venue for patient, staff and visitor meals in Pavilion A. This modern and efficient kitchen/cafeteria will provide for the long term food service needs for Pavilion A. Also included in this project is the construction of an inpatient diagnostic department and a hyperbaric unit.

*Project Status:*

Design contract negotiations are underway.

**UK Dining**

*Project Description:*

Through a public private partnership, Aramark, a publicly traded company headquartered in Philadelphia, will provide 100 percent equity to fund dining capital projects for up to \$70,100,000. Per University Administrative Regulation 8.2, Board approval is required for capital projects costing more than \$600,000. The planned projects that would cost above \$600,000 are: construction of a new Commons on south campus; fit-up of shell spaces in Haggin Hall and Champions Court I; renovation of existing dining facilities; expansion of dining in other new or renovated buildings; and installation and operation of a temporary dining facility to supplant dining services when the Student Center is offline for renovation and expansion.

*Project Status:*

Aramark will manage multiple projects utilizing various design and construction contracts. UK is not a party to these contracts therefore they are not included in this report. The EVPFA will provide regular updates to the Finance Committee on the progress of these facilities.

**Woodland Glen I & II (Housing to replace Cooperstown Buildings D & E)**

*Project Description:*

This project is a part of the Phase II-A development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. These buildings make up the first section of the Woodland Glen housing area. These two new buildings (WGI & WGII) will be five stories each, with each building providing 409 beds for a total of 818 beds. They will be located where the former Cooperstown D & E Buildings were located. A total of three classrooms will be included in these buildings combined.

*Project Status:*

These buildings were accepted as substantially complete on 7/23/2014.



### **Woodland Glen III, IV & V**

#### *Project Description:*

This project is a part of the Phase II-B development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. These buildings will make-up the last section of the Woodland Glen housing area. These three new buildings (WGIII, WGIV, & WGV) will be as follows: WGIII is five stories, with 782 beds & two classrooms; WGIV is seven stories, with 578 beds and one classroom; WGV is five stories, with 250 beds and one classroom, for a total of 1,610 beds and four classrooms. They will be located where the former Cooperstown A, B, C, F, & G buildings were located.

#### *Project Status:*

Construction has begun for all three buildings. These buildings are all scheduled to open in August 2015. Below is a summary of work at each of the buildings:

#### Woodland Glen III (North Building)

Exterior masonry, interior MEP rough-ins, and gypsum board work all continue to make progress.

#### Woodland Glen IV (East Building)

Roofing is almost complete. Window blocking is in progress. Tyvek is being installed ahead of masonry work. MEP rough-ins continue to make progress along with interior framing. Gypsum board work has begun in mechanical closets and behind showers.

#### Woodland Glen V (South Building)

Roofing is complete; masonry has begun. Interior wood framing and MEP rough-ins are in progress. Gypsum board work is making progress and initial painting has begun in some locations.

**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Aquire/Renovate Academic Facilities - Early Childhood Laboratory**

Project Number: 2381.00

Scope: \$2,525,000

**Project Description:**

This project will renovate approximately 10,566 square feet of shelled space in the recently purchased Lexington Theological Seminary facilities to accommodate the College of Education's Early Childhood Laboratory currently located in the basement of the Erickson Building. The Early Childhood Laboratory provides early childhood education to children from six weeks of age through pre-school and provides College of Education students with an excellent opportunity to gain invaluable field experience in early childhood teaching. The program also provides a valuable on-campus childcare opportunity for faculty and staff. This renovation will include Americans with Disabilities Act compliance, upgrade and replacement of mechanical systems, and fit-up of programming space to accommodate the lab. This project will allow for expansion of the program in improved facilities, and also alleviate long-standing environmental concerns related to the current location.

**Consultant:** Murphy Graves Trimble

Contract # A141120

Total Amendments to Date:

**Describe all amendments :**

**No amendments this quarter.**

Original Contract Amount: \$175,000

Cumulative Amendment Amount:

Revised Contract Amount: \$175,000

**Contractor:** Marrillia Design & Construction

Contract #

Total Change Orders to Date: 11

Low Bid: \$2,019,121

High Bid: \$2,637,600

Number of Bids: 7

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

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

Original Contract Amount: \$2,019,121

Cumulative Change Order Amount: -\$8,414

Revised Contract Amount: \$2,010,707

Contract Percent Complete: 60%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Campus Security System

Project Number: 2342.00

Scope: \$5,000,000

Project Description:

This project includes various security initiatives using a centralized safety response to campus monitored from the Police Department located in the Safety and Security Building for both the Main campus and UK HealthCare (UKHC) campus. The project includes a geo-diverse video management system (VMS) and security management system (SMS) that provides situational awareness to targeted areas on campus and event driven analytics to alert University Campus Police of possible threats to campus. This project will provide campus-wide camera monitoring, early warning systems speakers, and other communication devices to monitor and respond to campus incidents. The project will provide the infrastructure necessary for proposed installations and incorporate or replace legacy systems to a single security system.

Consultant: Biagi, Chance, Cummins, London & Titzer

Contract # A131060B	Original Contract Amount:	\$50,000
Total Amendments to Date:	Cumulative Amendment Amount:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$50,000

No amendments this quarter.

Contractor: Dallmann Systems, Inc. \*Dallman's contract awarded by RFP Process

Contract # 7500014489	Original Contract Amount:	\$3,624,511
Total Change Orders to Date: 32	Cumulative Change Order Amount:	\$179,125
Low Bid:	Revised Contract Amount:	\$3,803,636
High Bid:	Contract Percent Complete:	96%

Number of Bids:

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

Change Order # 1, 5/2/13, was approved for an increase of \$27,539 to change ID cards form Duo Prox II to iClass Corporate 1000. Change Order # 32, 2/28/14, was approved for a decrease of \$91,534 to provide for a variety of changes including deduction of the interior notification system, addition of long range proximity ADA readers at all ADA entrances, installation of laminated labels on all readers, provision of connectivity to police operations center for the emergency phones, and eight terabytes of storage to seven video recorders. This change is a result of Value Engineering options approved by the UK Police Department and existing conditions discovered during installation. No change orders greater than \$25,000 this quarter.

**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Center for Applied Energy Research Slipstream Capital Project**

Project Number: 2398.00

Scope: \$2,700,000

**Project Description:**

The Center for Applied Research (CAER) has developed a novel heat integration scheme for the system that is expected to meet the Department of Energy performance and cost targets of 90% CO2 capture, 95% CO2 purity, with an increase in the cost of electricity of less than 35%. The CAER CO2 capture process has been designed and will be erected and operated at LG&E/KU's E.W. Brown Generating Station in Harrodsburg, Kentucky. The project will be led by CAER with collaboration from the Electric Power Research Institute, Mitsubishi Hitachi Power Systems America, Koch Modular Process Systems and the Smith Management Group.

**Consultant:** CMTA Engineers

Contract # A151080

Total Amendments to Date:

**Describe all amendments :**

**No amendments this quarter.**

Original Contract Amount:

\$101,000

Cumulative Amendment Amount:

Revised Contract Amount:

\$101,000

**Contractor:** No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Construct Academic Science Building**

Project Number: 2363.00

Scope: \$112,000,000

**Project Description:**

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

Total Amendments to Date:

**Describe all amendments :**

**No amendments this quarter.**

Original Contract Amount: \$7,445,842

Cumulative Amendment Amount:

Revised Contract Amount: \$7,445,842

**Contractor:** Messer Construction Co. Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. Messer's contract was awarded by RFP process.

Contract # 7500019604

Total Change Orders to Date: 18

Low Bid:

High Bid:

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.**

Original Contract Amount: \$11,159,518

Cumulative Change Order Amount: \$309,437

Revised Contract Amount: \$11,468,955

Contract Percent Complete: 3%

**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

**Construct Football Training Facility and Practice Fields**

Project Number: 2397.00

Scope: \$45,000,000

**Project Description:**

This project will construct the Football Training Facilities and Practice Fields for the Department of Intercollegiate Athletics football program. The project will include a new two-story structure and two practice fields with an adjoining drill area and will house administrative offices, locker spaces, team meeting areas, training areas, high performance and weight room spaces, equipment rooms, a hydrotherapy room, player locker rooms, lounge facilities, an academic lounge/study area, and an entrance lobby with enhanced visitor amenities.

**Consultant:** RossTarrant Architects

Contract # A141200

Original Contract Amount:

\$3,077,278

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$3,077,278

**No amendments this quarter.**

**Contractor:** Congleton-Hacker Co.

This is a "CM-At-Risk" contract. The amount will be increased as subcontracts are bid and added. The contract was awarded by RFP process.

Contract # 7500034205

Original Contract Amount:

\$1,897,000

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

\$1,897,000

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

Construct Patient Care Facility-8th Floor Patient Rooms (Phase 1D)

Project Number: 2239.73

Scope: \$31,500,000

Project Description:

Since opening the first two patient care floors in Pavilion A in May 2011, UK HealthCare has continued to experience strong inpatient admissions growth. 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 eighth floor for inpatient cardiovascular services and fit-up of space on the third floor for an expansion of inpatient pharmacy services. This project will provide 64 inpatient beds and increase the medication packaging and distribution capacity for the Central Pharmacy.

Consultant: GBBN Architects

Contract # A131160

Original Contract Amount: \$538,000

Total Amendments to Date: 2

Cumulative Amendment Amount: \$351,723

Describe all amendments :

Revised Contract Amount: \$889,723

Amendment 1, 9/10/13, an increase of \$101,723 was approved for additional design services and meetings necessary to finalize the documents and meet the needs of the hospital end users as well as increasing the scope of design to include electrical infrastructure improvements. Amendment 2, 12/23/13, an increase of \$250,000 was approved to add fees for construction administration after board approval was granted to carry the project through construction. No amendments this quarter.

Contractor: Turner Construction Co. Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500021972

Original Contract Amount: \$15,513,256

Total Change Orders to Date: 32

Cumulative Change Order Amount: \$310,279

Low Bid:

Revised Contract Amount: \$15,823,535

High Bid:

Contract Percent Complete: 96%

Number of Bids:

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

Change Order # 2, 3/13/14, was approved for an increase of \$51,115 to upgrade roller window shades. Change Order # 9, 4/29/14, was approved for an increase of \$36,468 to install sanitary test tees and cleanouts in each patient room riser allowing for pressure testing of the system. Change Order # 15, 5/21/14, was approved for an increase of 38,885 to add data outlets as requested to comply with Phillip's final design of the wireless monitoring system. Change Order #25, 7/21/14, was approved for a decrease of \$32,244 to delete green data patch cables from the scope of work. Surplus cables will be used. Change Order # 32, 8/15/14, was approved for an increase of \$46,324 to provide additional circuits to power ICU boom brakes in 24 rooms.

**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Construct Patient Care Facility-Clinical Decision Unit (Phase 1E)**

Project Number: 2239.75

**Project Description:**

Scope: \$6,000,000

This project is a fit-up of a 7,300 square foot shell space on the ground floor for use as a Clinical Decision Unit. The project consists of 24 patient observation beds, staff and support areas, and required utilities.

**Consultant:** JRA Architects

Contract # A141130

Original Contract Amount: \$283,969

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount: \$283,969

**No amendments this quarter.**

**Contractor:** Turner Construction Co. Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500029508

Original Contract Amount: \$2,693,532

Total Change Orders to Date: 5

Cumulative Change Order Amount: \$34,486

Low Bid:

Revised Contract Amount: \$2,728,018

High Bid:

Contract Percent Complete: 70%

Number of Bids:

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

**Change Order # 6, 9/19/14, was approved for an increase of \$44,101 to remove and replace three door frames and provide new doors for two existing frames. Replace door hardware sets on all doors. These changes are required as life safety requirements due to the revised use of the suite as an Emergency Department Observation Unit.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

**Construct UK/Nicholasville Road Flood Mitigation**

Project Number: 2336.00

Scope: \$11,880,030

**Project Description:**

This project will construct three separate improvements, to provide 100 year storm (and lesser storm) mitigation to prevent roadway overtopping and improve pedestrian safety addressing storm water quantity within this one campus water shed. 1) Area south of Alumni Drive at Shawneetown Drive (includes permanent removal of remaining section of Shawneetown Drive and relocation of existing utilities) will be excavated for additional storm water detention. 2) Existing culvert upgrade at the upstream side of Nicholasville Road. 3) Installation of storm water retention areas between University Drive extension and Greg Page Drive, south of Alumni Drive. The \$11,880,030 project will be funded by a federal grant of \$8,910,023 from FEMA with the balance of \$2,970,007 being the in kind value of the 3.6 acres of University of Kentucky land determined by adjacent property values. Water quality related issues may also be part of the project scope depending on available funds and compatibility with storm water quantity design. At the completion of the project, the final landscaping will create a natural park setting, creating a model of how storm water management areas can also be passive park settings.

**Consultant:** Bell Engineering

Contract # A121130

Total Amendments to Date: 1

Original Contract Amount: \$427,000

Cumulative Amendment Amount: \$272,000

**Describe all amendments :**

Revised Contract Amount: \$699,000

Amendment 1, 12/10/13, an increase of \$272,000 was approved for additional design services as required due to an increase in scope after additional grant funding was awarded. **No amendments this quarter.**

**Contractor:** Bluegrass Contracting Corp.

Contract # 7500031357

Total Change Orders to Date: 1

Low Bid: \$9,991,000

High Bid: \$5,404,487

Number of Bids: 9

Original Contract Amount: \$5,404,487

Cumulative Change Order Amount: \$5,933

Revised Contract Amount: \$5,410,420

Contract Percent Complete: 56%

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

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

**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Construct/Replace/Upgrade Student Housing - Fit-up Study/Coffee Shop**

Project Number: 2392.00

**Project Description:**

Scope: \$2,800,000

This project will fit-up 8,400 square feet of shelled space in the new housing facility, Champions Court I, for a second location of The Study with an addition of a Coffee Shop. The Study/Coffee shop will provide approximately 250 seats and numerous study spaces conducive for group interaction and the latest technology to support a collaborative academic retention focus on north campus.

**Consultant:** Sherman Carter Barnhart

Contract # A141000VV

Original Contract Amount: \$49,600

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount: \$49,600

**No amendments this quarter.**

**Contractor:** Messer Construction Co.

Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. Messer's contract was awarded by RFP process.

Contract # 7500027590

Original Contract Amount: \$1,578,379

Total Change Orders to Date: 3

Cumulative Change Order Amount: \$21,367

Low Bid:

Revised Contract Amount: \$1,599,746

High Bid:

Contract Percent Complete: 98%

Number of Bids:

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

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

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**Design - Expand/Renovate Student Center**

Project Number: 2396.00

**Project Description:**

Scope: \$17,000,000

The renovation and expansion of the Student Center is part of a broader plan to enhance student life across campus. Improvements will likely include updated student activity and study spaces, dining and retail operations, parking, a bookstore, and other amenities that support student access. This design phase will be negotiated in full but initiated and contracted in appropriate sub components. Initially, it will provide schematic documents to allow for a more detailed needs assessment, advanced preliminary concepts, and more detailed cost estimates for the project.

**Consultant:** Omni Architects

Contract # A141210

Original Contract Amount: \$10,104,022

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount: \$10,104,022

**No amendments this quarter.**

**Contractor:** No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

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

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CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Design - Renovate/Upgrade Hospital Facilities - Good Samaritan E.D.

Project Number: 2394.00

**Project Description:**

Scope: \$600,000

This project will develop a design for the renovation of the Good Samaritan Emergency Department. The renovation contemplated will address the needs of the patient population and the clinical services offered at Good Samaritan. Specific elements will likely include expanded service capabilities, private patient rooms, improved staff support spaces, and enhanced patient and family waiting space.

**Consultant:** Stengel-Hill Architecture

Contract # A151110

Original Contract Amount: \$228,500

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$228,500

**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:**

Emergency Replacement of Woodford County Feed Mill

Project Number: 2379.00

**Project Description:**

Scope: \$4,735,000

On May 26, 2013 a fire destroyed the College of Agriculture's feed manufacturing facility located on the C.O. Little Research Center in Woodford County. This facility was used to create precise diets suitable for research for all poultry at the Coldstream Research Center and all swine and sheep at the C.O. Little Research Center. This project is for the design and reconstruction of the facility.

**Consultant:** Lockett & Farley

Contract # A141000FF

Original Contract Amount: \$33,750

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$33,750

**No amendments this quarter.**

**Contractor:** Denham-Blythe Company

Contract # 7500034682

Original Contract Amount: \$4,087,431

Total Change Orders to Date: 1

Cumulative Change Order Amount:

\$42,703

Low Bid: \$4,087,431

Revised Contract Amount:

\$4,130,134

High Bid: \$7,010,300

Contract Percent Complete:

16%

Number of Bids: 2

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

**Change Order # 1, 8/18/14, was approved for an increase of \$42,703 to undercut fat clays and replace with compacted dense graded aggregate (DGA) on both the feedmill structure and the pole barn as well as modify the foundations as recommended on the feedmill structure. Changes are necessary after reviewing the geotechnical report.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Academic Facility - University Lofts Facility

Project Number: 2339.00

Scope: \$15,000,000

Project Description:

This project will renovate the 110,000 gross square foot facility into classrooms, class labs/studios, office and support space for the College of Fine Arts. The improvements will also include necessary upgrades of the building systems such as communications, plumbing, HVAC, electrical, fire safety and security.

Consultant: Omni Architects

Contract # A130180

Original Contract Amount: \$584,437

Total Amendments to Date: 5

Cumulative Amendment Amount: \$534,296

Describe all amendments :

Revised Contract Amount: \$1,118,733

Amendment 1, 12/11/12, an increase of \$10,000 was approved for additional design services to provide schematic design options and an additional estimate to facilitate budget and design decisions. Amendment 2, 4/9/13, an increase of \$21,000 was approved for an increase to reimbursable services to allow for additional surveying and subsurface investigations. Amendment 3, 11/12/13, an increase of \$453,000 was approved for additional design services due to extensive existing system upgrades necessary to handle the College's anticipated program loads and needs. Amendment 4, 2/11/14, an increase of \$21,977 was approved for additional special inspection services required due to the increased scope of structural work required in replacing the existing boiler room with new mechanical and electrical rooms. Amendment 5, 9/9/14, an increase of \$28,319 was approved to provide additional design services necessary for changes to faculty studios, architectural and structural elements for the kiln yard, and civil design for future parking.

Contractor: D.W. Wilburn, Inc.

Contract # 7500026013

Original Contract Amount: \$12,273,000

Total Change Orders to Date: 24

Cumulative Change Order Amount: \$516,429

Low Bid: \$12,273,000

Revised Contract Amount: \$12,789,429

High Bid: \$16,195,000

Contract Percent Complete: 70%

Number of Bids: 8

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

Change Order # 10, 6/5/14, was approved for an increase of \$32,775 to provide flowable-fill below the foundation walls and geo-grid, as well add stone below the floor slab, due to the finding of unsuitable soils. Change Order # 18, 8/4/14, was approved for an increase of \$30,000 to add an additional two months of time and general conditions cost due to cell phone equipment and asbestos removal. Change Order # 20, 8/22/14, was approved for an increase of \$337,029 to add the renovation of the the third floor of the 1899 building to include new mechanical, electrical, plumbing and finishes for the faculty studios and offices. This work was originally bid as an add alternate.

**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Renovate Old Softball/Soccer Locker Room**

Project Number: 2401.00

Scope: \$1,500,000

**Project Description:**

The men's and women's soccer and the women's softball teams have been moved from the old soccer/softball facility to newly renovated facilities in the expanded softball/soccer complex. However, the men's and women's soccer and women's softball team offices remain in Commonwealth Stadium. This project will renovate the existing soccer/softball locker and shower space in the old soccer/softball building to create new office and administrative space for the coaches and staff of the three teams. As a result, the student-athletes will have access to their coaches and coaching staff in adjacent facilities.

**Consultant:** Brandstetter Carroll, Inc.

Contract # A151090

Total Amendments to Date:

**Describe all amendments :**

**No amendments this quarter.**

Original Contract Amount:

\$62,800

Cumulative Amendment Amount:

Revised Contract Amount:

\$62,800

**Contractor:** No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Gatton Building

Project Number: 2345.00

Scope: \$65,000,000

Project Description:

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: 3	Cumulative Amendment Amount:	\$1,805,826
	Revised Contract Amount:	\$5,521,975

Describe all amendments :

**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.**

Contractor: Skanska USA Building

Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. \*SKANSKA's contract was awarded by RFP process.

Contract # 7500012212	Original Contract Amount:	\$51,159,412
Total Change Orders to Date: 32	Cumulative Change Order Amount:	\$690,223
Low Bid:	Revised Contract Amount:	\$51,849,635
High Bid:	Contract Percent Complete:	27%

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.

**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Renovate/Upgrade UK HealthCare Facilities (Phase I-F)- 9th & 10 Floor Fit-Out and**

Project Number: 2402.10

**Project Description:**

Scope: \$73,200,000

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, 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 ninth and tenth floors for inpatient medicine/pulmonary services. This project will provide 128 inpatient beds, including 48 ICU beds. Also included in this project is the purchase and installation of (9) elevators.

**Consultant:** GBBN Architects

Contract # A151070

Original Contract Amount: \$884,500

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount: \$884,500

**No amendments this quarter.**

**Contractor:** Turner Construction Co. Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. Turner's contract was awarded by RFP process.

Contract # 7500038892

Original Contract Amount: \$3,681,774

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$3,681,774

High Bid:

Contract Percent Complete:

Number of Bids:

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

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**Repair Upgrade Expand Central Plants - CUP Boiler Feed Water System**

Project Number: 2389.00

**Project Description:**

Scope: \$1,400,000

The Central Utility Plant (CUP) on Press Avenue houses three gas boilers that furnish steam to the campus system. The current feed water system was installed when the plant was initially opened and does not have the capacity to support the plant feed water requirements when all three boilers are on-line. This project will replace the existing feed water system with an enhanced higher capacity feed water system.

**Consultant:** Staggs & Fisher Consulting Engineers

Contract # A131020S

Original Contract Amount: \$35,000

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$35,000

**No amendments this quarter.**

**Contractor:** Congleton-Hacker Co.

Contract # 7500034818

Original Contract Amount: \$1,165,850

Total Change Orders to Date: 3

Cumulative Change Order Amount: \$4,153

Low Bid: \$767,000

Revised Contract Amount: \$1,170,003

High Bid: \$1,479,900

Contract Percent Complete: 49%

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 or Improve Electrical Infrastructure (Central Campus)**

Project Number: 2368.00

**Project Description:**

Scope: \$3,700,000

Current projects under construction and in various stages of planning will require expanded electrical capacity to meet the power needs of these facilities. This project will construct an underground duct bank and bring 12,000 volts (12kV) feeds from Substation #3 to power each facility. The duct bank will serve the future academic science building along with the other new facilities. It will also add to campus system overall reliability.

**Consultant:** Staggs & Fisher Consulting Engineers, Inc.

Contract # A141090	Original Contract Amount:	\$270,000
Total Amendments to Date:	Cumulative Amendment Amount:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$270,000

**No amendments this quarter.**

**Contractor:** Woodall Construction Co., Inc.

Contract # 7500029272	Original Contract Amount:	\$2,127,453
Total Change Orders to Date: 5	Cumulative Change Order Amount:	\$174,101
Low Bid: \$2,127,453	Revised Contract Amount:	\$2,301,554
High Bid: \$2,910,662	Contract Percent Complete:	94%

Number of Bids: 5

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

**Change Order # 4**, 6/4/14, was approved for an increase of \$106,197 to provide a reroute for the new ductbank between a new manhole and an existing one. This is necessary due to unforeseen obstructions adjacent to a manhole making it impossible to connect the new ductbank the way it was originally planned. **Change Order # 3**, 6/6/14, was approved for \$34,884 to provide coordination for this project's scope of work with the approved traffic plan. The traffic plan was submitted after the start of the project. **No change orders greater than \$25,000 this quarter.**

**Repair/Upgrade/Improve Bldg Systems - UKHC - (Good Sam Hospital Air Handlers)**

Project Number: 2354.00

**Project Description:**

Scope: \$2,800,000

This project will replace air handling units (AHU) 19 and 21 in Good Samaritan Hospital. AHU 19 heats and cools patient areas on floors four through seven. AHU 21 serves the second floor operating rooms and the pre-operative and post-operative acute care unit areas. These AHUs are 42 years old, in poor mechanical condition and do not provide sufficient airflow to meet current code requirements. Replacement of these AHUs is needed to ensure patient and staff comfort and air quality and to meet regulatory requirements.

**Consultant:** CMTA Engineers

Contract # A141100	Original Contract Amount:	\$224,000
Total Amendments to Date:	Cumulative Amendment Amount:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$224,000

**No amendments this quarter.**

**Contractor:** Congleton-Hacker Company

Contract # 7500026836	Original Contract Amount:	\$2,270,050
Total Change Orders to Date: 21	Cumulative Change Order Amount:	\$101,165
Low Bid: \$2,270,050	Revised Contract Amount:	\$2,371,215
High Bid: \$2,353,000	Contract Percent Complete:	100%

Number of Bids: 3

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

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



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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Repair/Upgrade/Improve Building Mechanical Systems - Fine Arts Building**

Project Number: 2382.00

**Project Description:**

Scope: \$3,428,000

This project will replace and upgrade major mechanical systems in the Fine Arts Building which includes replacement/upgrade of the air handling units and associated temperature controls, exhaust fans, and the reheat coils serving the north wing. The replacement and upgrade of these mechanical systems will improve the comfort and energy efficiency of the areas served and also improve indoor air quality as the existing supply and return duct systems will be cleaned. The work will be phased to complete as much of the work as possible during the summer and off peak times to minimize the impact to students, faculty, and staff.

**Consultant:** CMTA Consulting Engineers

Contract # A141140

Original Contract Amount:

\$153,110

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$153,110

**No amendments this quarter.**

**Contractor:** Eubank & Steele Construction Co.

Contract # 7500031222

Original Contract Amount:

\$1,670,350

Total Change Orders to Date: 8

Cumulative Change Order Amount:

\$78,198

Low Bid: \$1,670,350

Revised Contract Amount:

\$1,748,548

High Bid: \$1,724,526

Contract Percent Complete:

9%

Number of Bids: 3

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

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

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**Repair/Upgrade/Improve Building Mechanical Systems- Med Science AHU**

Project Number: 2400.00

**Project Description:**

Scope: \$750,000

This project will replace the air-handling unit (AHU) for the Division of Laboratory Animal Resources (DLAR) located in the basement of the Willard Medical Education Building. The AHU is over 30 years old and in poor mechanical condition. Replacement of the AHU is needed to meet regulatory requirements and ensure air quality and maintenance of a constant temperature for research purposes.

**Consultant:** CMTA Engineers

Contract # A141020F # 4

Original Contract Amount:

\$42,500

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$42,500

**No amendments this quarter.**

**Contractor:** H & R Mechanical Contractors, Inc.

Contract # 7500037841

Original Contract Amount:

\$671,600

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$671,600

Revised Contract Amount:

\$671,600

High Bid: \$787,000

Contract Percent Complete:

Number of Bids: 3

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Improve Building Shell Systems - 2014 Annual Parking Garage

Project Number: 2390.00

Scope: \$1,000,000

Project Description:

This project is the second yearly component of a preventative maintenance and repair program for the campus parking structures programmed for the next nine years and includes repairs in eight of the parking garages. This maintenance and repair program is intended to maintain and extend the useful life of the campus parking structures. Work will include masonry repairs, concrete repairs, painting, traffic coatings, roofing replacement as well as any work deemed to be critical to the continued service of the each individual garage.

Consultant: THP Limited, Inc.

Contract # A131110	Original Contract Amount:	\$84,610
Total Amendments to Date:	Cumulative Amendment Amount:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$84,610
<b>No amendments this quarter.</b>		

Contractor: Carl Walker Construction, Inc.

Contract # 7500031150	Original Contract Amount:	\$491,897
Total Change Orders to Date: 14	Cumulative Change Order Amount:	\$178,066
Low Bid: \$491,897	Revised Contract Amount:	\$669,963
High Bid: \$765,000	Contract Percent Complete:	95%
Number of Bids: 3		

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

Change Order # 2, 6/30/14, was approved for \$49,942 to furnish the labor and material to repair, patch, and paint all of the interior walls on all levels of 3 stairwells in Parking Structure #1. Change Order # 3, 6/30/14, was approved for \$63,664 to furnish the labor and material to repair, patch, and paint all of the interior walls on all levels of 4 stairwells in Parking Structure #2. No change orders greater than \$25,000 this quarter.

Repair/Upgrade/Improve Civil/Site Infrastructure - Cooperstown Loop Road (Sport

Project Number: 2374.00

Scope: \$2,350,000

Project Description:

As part of the Phase II-A and Phase II-B Housing projects, the Cooperstown apartments will be replaced with undergraduate student residence halls. A relocation of Cooperstown Drive is necessary to provide sufficient usable land for the proposed layout and improve traffic flow from Sports Center Drive. The relocation will be included in the update of the Campus Master Plan currently underway.

Consultant: Sherman Carter Barnhart

Contract # A141070	Original Contract Amount:	\$53,285
Total Amendments to Date:	Cumulative Amendment Amount:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$53,285
<b>No amendments this quarter.</b>		

Contractor: No construction contract awarded to date.

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Improve Civil/Site Infrastructure (Scott Street Parking Lot)

Project Number: 2385.00

**Project Description:**

Scope: \$1,900,000

This project will construct a parking lot at 313-347 Scott Street. The project creates approximately 265 parking spaces which will offset recent north campus parking losses. This project includes the construction of the lot as well as associated site preparation including demolition and abatement of the Reynolds Warehouse #3 and four other small structures located on the site.

**Consultant:** Strand Associates, Inc.

Contract # A141190	Original Contract Amount:	\$156,703
Total Amendments to Date:	Cumulative Amendment Amount:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$156,703

**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:**

Repair/Upgrade/Improve Civil/Site Infrastructure (South Campus Parking Lot)

Project Number: 2393.00

**Project Description:**

Scope: \$1,400,000

This project will expand the E.S. Good Barn parking lot and connect it to the parking lot currently under construction as part of the FEMA South Campus Storm Water capital project at the northwest corner of University and Alumni Drives. The expanded lot will provide parking along the University Drive transit corridor, and will create approximately 400 parking spaces.

**Consultant:** Bell Engineering

Contract # A141170	Original Contract Amount:	\$109,000
Total Amendments to Date:	Cumulative Amendment Amount:	
<b>Describe all amendments :</b>	Revised Contract Amount:	\$109,000

**No amendments this quarter.**

**Contractor:** ATS Construction

Contract # 7500032749	Original Contract Amount:	\$1,127,264
Total Change Orders to Date: 9	Cumulative Change Order Amount:	\$12,231
Low Bid: \$1,127,264	Revised Contract Amount:	\$1,139,495
High Bid: \$1,739,207	Contract Percent Complete:	100%

Number of Bids: 5

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

**Change Order # 2**, 6/30/14, was approved for a decrease of \$41,200 to revise the pavement sections for the parking lot bid and the bus lane bid. Final geo-technical results were not available at bidding. **No change orders greater than \$25,000 this quarter.**

## CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

### Upgrade/Expand Commonwealth Stadium

Project Number: 2362.00

Scope: \$120,000,000

#### Project Description:

The existing stadium, built in 1973, needs upgrades and expansion to better accommodate the students, fans and players. The project will provide new premium seating with revenue generating opportunities, improving the overall operational effectiveness and enhancing the fan experience as well as allowing UK to attract the best student-athletes to the campus. Among the planned improvements are many spectator driven improvements (improved concessions, restrooms and security), a new multipurpose recruiting room, 16-20 new private suites, new home team locker room, approximately 2,000 new club seats, three new club spaces, new press facilities and a new full-service kitchen.

**Consultant:** Ross Tarrant Architects

Contract # A131170	Original Contract Amount:	\$8,367,464
Total Amendments to Date: 1	Cumulative Amendment Amount:	\$368,952
<b>Describe all amendments :</b>	Revised Contract Amount:	\$8,736,416

**Amendment 1**, 11/12/13, an increase of \$368,952 was approved for additional design services as required for expanded way finding and graphic design services, incorporation of the University electronic security initiatives, and production of an additional design package to allow for accelerated steel purchase. **No amendments this quarter.**

**Contractor:** Skanska/Congleton-Hacker Joint Venture

Note: This is a 'CM-At-Risk' contract. The amount will be increased as subcontracts are bid and added. The contract was awarded by RFP process

Contract # 7500019555	Original Contract Amount:	\$102,452,672
Total Change Orders to Date: 61	Cumulative Change Order Amount:	-\$161,945
Low Bid:	Revised Contract Amount:	\$102,290,727
High Bid:	Contract Percent Complete:	30%

Number of Bids:

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

**Change Order # 7**, 3/26/14, was approved for an increase of \$48,873 to compile and report the final calculations required to incorporate the final structural steel design and associated pricing into the contract as well as include the new north light racks in this package. **Change Order # 8**, 3/27/14, was approved for an increase of \$27,922 to furnish material and labor for the removal of fractured rock interfering with new footings on the north side of the stadium. **Change Order # 11**, 4/24/14, was approved for a decrease of \$28,916 to provide an alternate pathway for the new gas line east of the Field House allowing for ease of installation. **Change Order # 12**, 5/2/14, was approved for a decrease of \$59,201 to provide a credit for revised sequencing of the project which will result in the demolition contractors increased efficiency and productivity during the construction process. **Change Order # 13**, 5/2/14, was approved for an increase of \$141,253 to provide labor and material to complete work resulting from the design completion of the structural steel package. **Change Order # 14**, 5/2/14, was approved for an increase of \$28,957 to complete the necessary architectural and structural work in the AV/Telecomm Room 176B (Cross Connect Room) allowing the room to be activated prior to the 2014 football season to support television broadcast. **Change Order # 16**, 5/21/14, was approved for a decrease of \$29,360 to provide a credit associated with the revision of the TV truck area to have a portion of heavy duty concrete replaced with heavy duty asphalt as a value engineering option. **Change Order # 17**, 5/21/14, was approved for an increase of \$32,746 to modify the construction fencing to accommodate the expanded job site as the semester has ended and allow for convenient and safe fan access to the stadium during events throughout the remaining construction period. **Change Order # 18**, 5/30/14, was approved for \$28,950 to remove an existing underground duct in conflict with new building pad and loading dock, as well as providing temporary service to the affected bus stop and site lighting. **Change Order # 20**, 5/30/14, was approved for \$48,248 to complete the necessary mechanical, electrical and plumbing (MEP) work in the AV/Telecomm Room 176B (Cross Connect Room) allowing the room to be activated prior to the 2014 football season to support television broadcast. **Change Order # 21**, 5/30/14, was approved for an increase of \$29,912 to relocate the fire department connection lines at the southeast corner of the stadium to allow for the new construction. **Change Order # 26**, 7/8/14, was approved for a decrease of \$83,775 to credit the portion of the fatty clay allowance that was not used. **Change Order # 33**, 7/21/14, was approved for an increase of \$37,186 to provide the labor and material to modify and install three temporary light poles, which support 120 fixtures on the south side of the upper bowl of the stadium. **Change Order # 39**, 8/18/14, was approved for a decrease of \$28,897 to provide a credit to the project for donated stone. **Change Order # 47**, 8/26/14, was approved for a decrease of \$292,615 to provide credit savings associated with use of core filled insulated concrete masonry units (CMU) in lieu of insulated concrete masonry units (ICMU). **Change Order # 50**, 8/27/14, was approved for a decrease of \$68,761 to furnish a credit for the labor and

## CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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material associated with deletion of the replacement of the existing transformer. The current transformer was determined to be suitable for service with the new construction. Change Order # 53, 8/29/14, was approved for a decrease of \$126,857 to provide a credit for the removal of the duct cleaning requirements as it is believed the final duct cleaning necessary will be minimal. Change Order # 54, 8/29/14, was approved for an increase of \$27,794 to furnish the labor and material to bring the area where the President's Room was demolished to a condition it can safely be entered by game day patrons. Change Order # 55, 8/29/14, was approved for an increase of \$33,324 to replace 210 feet of sanitary piping with new cast iron service weight hub and spigot piping, and provide back fill as necessary. Change Order # 59, 9/5/14, was approved for a decrease of \$60,341 to provide credit for deleting the installation of six elevated ADA seating platforms on the north side of the stadium at the upper concourse. Change Order # 60, 9/19/14, was approved for a decrease of \$144,744 to provide a credit for removing all hydraulic bollards with associated hydraulic lines, hydraulic pumps, and supporting infrastructure from the project. Eight stainless steel, removable CalPipe bollards will be used instead.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade/Relocate Pediatric Critical Care Unit

Project Number: 2369.00

Scope: \$6,000,000

**Project Description:**

The project will renovate existing space of the KY Children's Hospital Acute Care Unit in Pavilion HA. The work implements contemporary pediatric design concepts, interior finish upgrades including flooring, wall reconfigurations, ceiling and lighting. The project includes all patient, public and staff spaces such as patient rooms, patient bathrooms, team work areas and corridors. The implementation of this project is dependent upon private donations. Preliminary designs and related renderings will assist the University in fundraising efforts.

**Consultant:** Moody Nolan

Contract # A141080

Original Contract Amount: \$88,233

Total Amendments to Date: 2

Cumulative Amendment Amount: \$69,230

**Describe all amendments :**

Revised Contract Amount: \$157,463

**Amendment 1, 7/8/14, an increase of \$25,080 was approved for additional design services to provide design development and rendering development for Zones 1, 4 and 7 to be used for fundraising. Also included is bidding and construction services for Phase 1 Zones 3, 5 and 2 rooms of Zone 6. Amendment 2, 9/9/14, an increase of \$44,150 was approved for additional design services as required to provide bid documents and construction services for the front desk and 3200 square feet of the outpatient center located in areas 2 & 5 in Phase II.**

**Contractor:** Turner Construction Co.

Contract # 7500034267

Original Contract Amount: \$699,999

Total Change Orders to Date: 1

Cumulative Change Order Amount: \$115,815

Low Bid: \$699,999

Revised Contract Amount: \$815,814

High Bid: \$1,086,580

Contract Percent Complete: 99%

Number of Bids: 3

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

**Change Order # 1, 8/15/14, was approved for an increase of \$115,815 to add additional areas for renovation to the current phase of construction resulting in future savings in time and cost and preventing a future closure of the corridor serving the rooms.**

**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Upgrade/Renovate Space in Multi-Disciplinary Science Building**

Project Number: 2411.00

Scope: \$2,253,534

**Project Description:**

This project will renovate the fourth floor, or approximately 15,750 square feet, of the multidisciplinary Science Building. The renovation will include reconfigured academic, administrative and support spaces; updated finishes and fixtures; and necessary upgrades to mechanical and electrical components. The renovated space will house several University units, including the Disability Resource Center, The Graduate Center for Gerontology and Student Support Services.

**Consultant:** Omni Architects

Contract # A141210

Total Amendments to Date:

**Describe all amendments :**

**No amendments this quarter.**

Original Contract Amount:

\$317,000

Cumulative Amendment Amount:

Revised Contract Amount:

\$317,000

**Contractor:** No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

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

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete: