

FCR 15

Office of the President
March 16, 2015

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending December 31, 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 October 1, 2014 thru December 31, 2014:

There were nine new contracts this quarter:

- | | |
|----------------|---|
| Project 2374.0 | Repair/Upgrade/Improve Civil/Site Infrastructure – Construct Cooperstown Loop
- Messer Construction Co., \$194,972 (<i>Construction</i>) |
| Project 2396.0 | Expand/Renovate Student Center
- Messer Construction Co., \$8,206,000 (<i>Construction</i>) |
| Project 2398.0 | Center for Applied Energy Research Slipstream Capital Project
- Hall Contracting, \$1,707,000 (<i>Construction</i>) |
| Project 2402.2 | Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Pavilion A Kitchen, MRI, Hyperbaric
- Stengel-Hill Architecture, \$1,361,379 (<i>Design</i>)
- Turner Construction Co., \$612,493 (<i>Construction</i>) |
| Project 2403.0 | Construct/Expand/Renovate Ambulatory Care Facility – UK HealthCare (Pediatric Hematology/Oncology Pavilion H)
- Moody Nolan, \$41,200 (<i>Design</i>) |
| Project 2408.0 | Renovate Academic/Administrative Space - Employee Wellness Center
- Lockett & Farley, \$195,320 (<i>Design</i>) |
| Project 2412.0 | Improve/Upgrade Alumni Drive
- CDM Smith, \$619,367 (<i>Design</i>) |
| Project 2417.0 | Renovate/Upgrade Academic Space - Patterson Hall
- Lord, Aeck & Sargent, \$701,057 (<i>Design</i>) |

Five contracts were completed this quarter:

- Project 2239.75 Construct Patient Care Facility (Phase I-E) – Clinical Decision Unit
- Turner Construction Co., \$2,801,138
- Project 2381.0 Acquire/Renovate Academic Facilities – Early Childhood Laboratory
- Marillia Design & Construction, \$2,096,013
- Project 2382.0 Repair/Upgrade/Improve Building Mechanical Systems – Fine Arts
- Eubank & Steele, \$1,814,125
- Project 2390.0 Repair/Upgrade/Improve Building Shell Systems - 2014 Annual Parking
Garage Maintenance and Restoration
- Carl Walker Construction, \$678,461
- Project 2392.0 Construct/Replace/Upgrade Student Housing – Fit-up the Study/Coffee
Shop in Champions Court I
- Messer Construction Co., \$1,625,772

Five amendments were as follows:

- Project 2362.0 Upgrade/Expand Commonwealth Stadium
- Provide multiple additional design services including renderings, special inspections, correction of existing deficiencies, redesign of camera deck, coordination with new food service vendor, unforeseen subsurface conditions, design of temporary bus shelters and access roads to accommodate construction, coordination with artificial turf contractor and to reconcile contract allowances. (+) \$103,676
- Project 2382.0 Repair/Upgrade/Improve Building Mechanical Systems – Fine Arts
- Provide design for the second phase of the project to include design, bidding and construction administration services. (+) \$85,300
- Project 2397.0 Construct Football Training Facility and Practice Fields
- Provide additional design and construction administration services to provide expanded food service design, additional site survey services and an additional utility locator service. (+) \$37,037
- Project 2398.0 Center for Applied Energy Research Slipstream Capital Project
- Provide additional design services required to determine electrical connection requirements for the new research modules at the Brown Station power plant. (+) \$12,500
- Project 2402.1 Renovate/Upgrade UK HealthCare Facilities (Phase I-F) – Pavilion A 9th
& 10th Floors and Elevators
- Provide design, documentation, and specification of remaining air-handling units for shell space, additional temporary office space on 12th floor, additional negative pressure rooms as well as any necessary changes to the roof structure to support mechanical equipment for these rooms. (+) 97,400

Thirty-five change orders greater than \$25,000 were as follows:

- Project 2239.73 Construct Patient Care Facility (Phase I-D) – 8th Floor Fit-Out
- Enhance patient monitoring with wireless devices. (+) \$43,119
 - Modify existing utilities in the 3rd floor mechanical room to facilitate the installation of three new air-handling units. (+) \$42,241
- Project 2339.0 Renovate Academic Facility – University Lofts Facility
- Change security hardware and software to assure compatibility with the campus security system. (+) \$19,002
 - Add four art education offices by adapting the space of two faculty studios, relocating the faculty workroom and adjusting the layout of the faculty lounge. (+) \$71,458
- Project 2345.0 Renovate/Expand Gatton Building
- Provide additional one-hour fire proofing in areas of roof decking under 20' in height. (+) \$44,336
 - Provide for use of a varied floor pattern and color palate in the atrium and lobbies. (+) \$42,574
 - Provide allowance for infill of existing holes in the first, second, third and fourth floor slabs. There are six larger holes that will require additional steel support. (+) \$75,000
 - Provide allowance for infill of the existing openings in the concrete masonry (CMU) chase walls. Small openings are to be filled with fire caulking and larger openings filled with CMU block. (+) \$35,000
 - Modification from a knock-down hollow metal door frame to a welded frame on all doors. (+) \$44,068
 - Provide standpipes at the intermediate landings with a shaft surrounding the standpipe and valve cabinets. (+) 27,387
 - Revise the power and low voltage plans in order to accommodate the forthcoming audio-visual package. (+) \$152,201
 - Change the security hardware and software to assure compatibility with the campus security system. (+) \$170,026
- Project 2362.0 Upgrade/Expand Commonwealth Stadium
- Remove fractured rock interfering with the new footings of the north side of the stadium. (+) \$88,409
 - Provide a credit for concrete donated to the project. (-) \$47,899
 - Modify and adjust the south field lighting system to allow for use of the existing lights rather than rental of field lighting for the 2014 season. (+) \$29,486
 - Furnish and install a number of miscellaneous metal items that were not yet defined when the structural steel bid package was released. (+) \$234,312
 - Provide a credit for modification of the light fixture package. (-) \$118,196

- Provide a credit for substituting the insulated metal wall panels at the four vertical transportation towers on the south sideline and camera deck with a more cost effective product. (-) \$118,329
- Alter and refine the structural steel design to include an additional 76.7 tons of steel. Due to the fast track design approach required to meet the schedule requirements the steel package was bid prior to the completion of the final structural design. (+) \$378,666
- Add eleven roof hatches and ten ladders allowing for safe access to the mechanical equipment on the roof of the concession stands. (+) \$117,695
- Revise the window washing tie-back davits locations and details to accommodate efficient and safe window cleaning. (+) \$29,623
- Replace the double door, door frame and hardware to electrical room 172. (+) \$26,400
- Remove the three south temporary lights at the south side of the upper bowl. (+) \$27,983
- Modify the domestic water piping throughout the stadium to allow a complete draining of the stadium followed by a re-filling of those areas that will remain in service during the winter months. (+) \$41,082
- Modify and provide additional elevator related steel. Final design was incomplete when the steel package was bid. (+) \$132,654
- Alter and refine the structural steel design to include an additional four tons of steel necessary to complete final design modifications. Final design was incomplete when the steel package was bid. (+) \$27,985

Project 2363.0

Construct Academic Science Building

- Provide for handling and disposal of non-friable asbestos discovered in the roof of the Wenner-Gren addition and the parapet of the original Wenner-Gren building. (+) \$27,198
- Provide third party oversight and sampling/monitoring during asbestos abatement and disposal on Donovan Hall, as well as numerous locations of site utilities. (+) \$27,278

Project 2368.0

Repair/Upgrade/Improve Electrical Infrastructure – Central Campus

- Re-locate a new manhole and re-route the ductbank between two other manholes. (+) \$43,099
- Install a new ductbank between two existing manholes and revise the manhole power circuit to provide sufficient capacity for the three new manholes on Washington Street. (+) \$123,911
- Expand existing manhole to accommodate necessary cable splicing safely. (+) \$29,142

Project 2379.0

Emergency Replacement of Woodford County Feed Mill

- Provide all third party construction monitoring, inspections, special inspections and material testing for all phases of the project.
- (+) \$26,400

- Project 2381.0 Acquire/Renovate Academic Facilities – Early Childhood Laboratory
- Provide adjustment for changes in Kentucky American Water’s domestic and fire service tap fees. (+) \$43,109
 - Remediate the entire lower level of the building prior to the installation of new flooring due to a high moisture content on the existing building slab. (+) \$33,071
- Project 2392.0 Construct/Replace/Upgrade Student Housing – Fit-up of the Study/Coffee Shop in Champions Court I
- Switch out nine residential style tank water closets in restrooms to be flush valve style water closets to prevent clogging. (+) \$26,026

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
January 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:

The project is substantially complete.

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 installations have been suspended pending a revised software issuance. The software issuance and installation is anticipated by early February 2015. Substantial completion is expected by spring 2015.

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 CO₂ capture, 95 percent CO₂ purity, with an increase in the cost of electricity of less than 35 percent. 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.

Project Status:

Construction is ongoing at the EW Brown Generating Station in Mercer County and scheduled for substantial completion in 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:

Bid Package 6 (building fit-up) bids were opened in mid-December and were within the budgeted construction estimate. Construction activities of placing caissons and grade beams will continue through April 2015. A final bid package (audio-visual, landscaping and academic room fit-ups) is anticipated to advertise in mid-February 2015. Anticipated construction completion remains June 2016.

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:

Moody Nolan was selected as the consultant. The project is currently in schematic design.

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, 2014. 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 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 were delivered on November 18, 2014. Review meetings were held in December. Design Release 2 (DR2) includes mass earth work, foundations, steel, storm drainage and foundation water proofing. DR2 documents are due on January 15, 2015. Design Release 3 (DR3) includes building, site development and practice fields. DR3 documents are due on February 26, 2015.

Current schedule calls for the DR1 packages to begin construction 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 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:

Utility relocations in Area 1 (the area between Nicholasville Road & University Court) are on-going. Installation of a new electrical ductbank structure is underway. Restoration of the stream bed in Area 1 commenced in October 2015 and removal of the old Shawneetown Court roadbed began in December 2015. Removal of the existing parking lot at Alumni Drive & Greg Page is underway. Tree landscaping continues as well.

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 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:

Programming and schematic design efforts are complete. The FCR for the construction phase is scheduled for the Board of Trustees February 2015 meeting.

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, structural frame and siding/roofing is completed. The sheep storage building and silos are completed. The exterior doors and windows were placed in December 2014. The overall completion date for all structures is April 2015.

Improve/Upgrade Alumni Drive

Project Description:

Alumni Drive runs east-west along the southern portion of the University between Nicholasville and Tates Creek roads. The road has two twelve-foot travel lanes with narrow three-foot shoulders for the majority of the route. Alumni Drive serves both as a local access route for the surrounding campus and as a cut-through connector route between the two principal arterials of Nicholasville and Tates Creek roads. This capital project will address several hazardous conditions along this thoroughfare.

Project Status:

The consultant contract has been executed and design has commenced. Traffic surveys are completed, site surveys are complete, and coordination with the adjacent Football Training Center project is on-going. Bidding is scheduled to occur in early March.

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 continues, site concrete work continues as weather permits. The elevator cab installation has begun; mechanical, electrical and plumbing (MEP) work continues; bathroom partitions and accessory installation is complete. Air-handling unit # 2 has had the factory start-up successfully completed. The final coat of paint in the 1899 wing is being applied on the first three floors; work on the 3rd floor continues. Security system installation continues. In the 1900's wing, installation of the lighting, the sinks in the photo labs and the lockers in the corridors is underway. Substantial completion is scheduled for May 5, 2015.

Renovate Academic/Administrative Space - 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 6,800 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 in September 2014. The project is scheduled to bid in late January and substantial completion is scheduled for May 2015.

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:

Project bids exceed authorization. University is currently seeking additional authorization.

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:

Wall framing continues to make progress along with overhead and in-wall MEP rough-ins. Roofing work is nearing completion and the building is being temporarily dried in. Air-handling units have been delivered to the site and set in the mechanical room.

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/Expand Student Center

Project Description:

The University's Student Center was originally constructed in 1938 and expanded in 1968 and 1982. The Student Center is heavily used by the entire University community with over 2,000,000 visitors annually. However, the approximately 260,000 square foot facility is no longer able to fully meet the needs of students, faculty, staff and other constituents in terms of quantity and quality of space.

This project will include selective demolition, expansion and renovation of the Student Center. Alumni Gym will be renovated and incorporated into the new Student Center. The project is expected to expand the University's Student Center to more than 367,387 square feet and will include an atrium, recreation area, lounges, conference facilities, entertainment venues, retail space, food service, bookstore, student organization space and administrative support offices.

Project Status:

Schematic design was completed in December 2014. Design development began in January and will continue through May 2015. Early enabling bid documents are scheduled to be completed April 2015 with overall design continuing until August 2015. Construction is scheduled to be completed in December 2017.

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 and we are in the process of awarding the construction manager's contract. Schematic design documents were submitted and reviewed in January 2015. The project is scheduled to bid in June 2015 with construction to be substantially complete in July 2016.

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - 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, UKHealthCare (UKHC) has continued to experience strong patient demand for the delivery of its hospital system services. This volume increase has placed substantial capacity constraints on UK inpatient hospital operations. This project will help alleviate these constraints and includes the fit-up of the 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:

The design is complete. Bids are being solicited in January 2015. Construction will begin March 2, 2015.

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - 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:

Stengel Hill Architecture was selected as the architect. They have begun design on the Kitchen /Cafeteria, MRI and Hyperbaric.

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. This work is now completed.

The second phase of the project includes the installation and commissioning of the water softening equipment in the basement of the CUP. The equipment was delivered in late December and installation was completed. The chemicals required to make the system functional are scheduled to be delivered in late January. Once all equipment is in place and operational, start-up and training will take place.

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 January 2015.

Repair/Upgrade/Improve Building Mechanical Systems – Med. Science Air-Handling Unit

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:

The project is substantially complete.

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:

Messer Construction Company is providing construction management services for this project. Trade contracts have been awarded for site development, road work and site electrical work. Site demolition work and rock removal is currently in progress. The project is scheduled to be substantially complete 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:

Bidding, abatement and construction will begin once Reynolds #3 occupants are relocated.

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. DR1 including all structural steel will be complete by late January 2015.

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 ninety eight percent complete. Ninety percent of the structural slabs are now in place. The DR2 mechanical and electrical contractor are immediately beginning rough-in behind the installation of the slabs. The shop drawings for architectural precast materials and elevators are virtually complete. Eighty five percent of the architectural precast panels have been installed. The off-site production of the structural precast and elevator systems are well under way. Installation of these elements will begin in February 2015.

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 February and final cleaning when appropriate near the end of the project. The mason 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 contractor is on site. Deliveries of these materials continue on "a just in time" basis. 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. Painting of the structural elements continues as scheduled.

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:

Design of the nurse's station in Phase I will be completed in late January 2015. Design meetings are being scheduled for Phase III. Renovations in patient rooms will resume in the Spring 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 is complete and the project was bid in December. Construction contract award is in process. Substantial completion is scheduled for May 2015.

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 received submittals for design services in early January. Consultant interviews are scheduled for late January 2015.

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 shelved space to be fitted out by the University. Limestone Park II (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:

Foundations are in progress for both buildings. Tower cranes have been set in place to help facilitate the construction for these buildings. Both buildings are scheduled to open in August 2016.

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 in October 2014 and a pre-proposal conference was held. Four interested contractors attended. Proposals were submitted and presentations were made to the selection committee in late November 2014. After the committee traveled to view existing installations in the northern Kentucky Cincinnati area the committee voted in December to accept the offer from UBU. The contract issuance is in process.

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 UK HealthCare Facilities (Phase I-F) – 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 advertisement for design services has been posted. Responses are due in late January.

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

Project Description:

The re-development of existing facilities in Pavilion HA is necessary for Kentucky Children's Hospital to establish a modern, state-of-the-art facility for Kentucky's pediatric 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:

Advertisement for design services was issued. GBBN/ HGA was selected as the design team. Contract negotiations are under way.

Repair/Upgrade/Improve Building Mechanical Systems - Fine Arts

Project Description:

This is the second phase of a project to replace and upgrade major mechanical systems in the Fine Arts Building which includes replacement/upgrade of the air-handling units (AHU's) and associated temperature controls, exhaust fans, and the reheat coils. This phase of the project includes replacing exhaust fans E-1 through E-7; replacing the

AHU's serving the Art Gallery and the Guignol Theater; replacing additional reheat coils and sprinkling the building.

Project Status:

CMTA provided design services for phase 1 and is currently in design with the phase 2 work. This work is scheduled to be completed during the summer of 2015.

Repair/Upgrade/Improve Building Shell Systems - 2015 Annual Parking Garage Maintenance and Restoration

Project Description:

In 2012, the University employed an engineering consultant to conduct a detailed condition assessment and structural evaluation of the campus parking structures. This project will cover the recommended maintenance and repairs for the University's eight parking structures during 2015.

Project Status:

This year's work is in the early stages of design. The construction documents are due in early March 2015. Construction will begin in April 2015 and continue through the summer months. Every effort will be made to minimize the negative impact of construction on parking availability.

Repair/Upgrade/Improve Building Systems – UK HealthCare (Good Samaritan Air Handling Unit #20 & #22)

Project Description:

This project will replace the air handling units (AHU) #20 and #22 in Good Samaritan Hospital. Patient areas on the ground and first floors are heated and cooled by AHU #20, while the first floor kitchen area is serviced by AHU #22. These units are 38 years old, in poor mechanical condition, and do not provide sufficient airflow to meet current code requirements. Replacement of these AHUs is necessary to ensure patient and staff comfort, air quality and compliance with other regulatory requirements.

Project Status:

Advertisement for consultant design services will be posted in late January, with a consultant contract to be executed in late February.

Repair/ Upgrade/Improve Building Systems – UK HealthCare (Pavilion HA Air Handling Unit #9)

Project Description:

This project will replace the air handling unit (AHU) #9 in Pavilion HA of the Chandler Hospital. This AHU is 26 years old and in poor mechanical condition. Replacement of the unit is necessary to ensure air quality, meet regulatory requirements and to maintain the interior environment without temperature fluctuation.

Project Status:

Advertisement for consultant design services will be posted in late January, with a consultant contract to be executed in late February.

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 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 is making good progress at 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 is continuing at "D" wing in Area B; interior mechanical, electrical and plumbing (MEP) work continues; gypsum wallboard finishes continues to make progress.

Woodland Glen IV (East Building)

MEP work continues to make progress to include piping of HVAC systems, electrical work and light fixtures. Pre-hung doors are being delivered to the site for installation; drywall finishing is in progress, with priming and painting of finished walls to follow. Masonry continues on the west elevation of Area C.

Woodland Glen V (South Building)

MEP work continues to make progress to include piping of HVAC systems and electrical work. Doors and casework are in progress; drywall finishing is in progress, with priming and painting of finished walls to follow. Masonry is completed on the southwest and southeast elevations and has begun on the east elevation.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Acquire/Renovate Academic Facilities - Early Childhood Laboratory

Project Number: 2381.00

Scope: \$2,577,899

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

Original Contract Amount: \$175,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$175,000

No amendments this quarter.

Contractor: Marrillia Design & Construction

Contract # 7500031198

Original Contract Amount: \$2,019,121

Total Change Orders to Date: 20

Cumulative Change Order Amount: \$76,892

Low Bid: \$2,019,121

Revised Contract Amount: \$2,096,013

High Bid: \$2,637,600

Contract Percent Complete: 100%

Number of Bids: 7

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

Change Order # 13, 10/9/14, was approved for an increase of \$43,109 due to adjustments in Kentucky American Water's domestic and fire service tap fees. Change Order # 18, 11/24/14, was approved for an increase of \$33,071 to remediate the entire lower level prior to the installation of new flooring due to a high moisture content on the existing building slab.

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

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$50,000

Cumulative Amendment Amount:

Revised Contract Amount: \$50,000

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

Contract # 7500014489

Total Change Orders to Date: 32

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount: \$3,624,511

Cumulative Change Order Amount: \$179,125

Revised Contract Amount: \$3,803,636

Contract Percent Complete: 75%

Change Order # 1, 5/2/13, was approved for an increase of \$27,539 to change ID cards from 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

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: 1

Describe all amendments :

Amendment # 1, 10/14/14, an increase of \$12,500 was approved to provide additional design services required to determine electrical connection requirements for the new research modules at the Brown Station power plant.

Original Contract Amount: \$101,000

Cumulative Amendment Amount: \$12,500

Revised Contract Amount: \$113,500

Contractor: Hall Contracting of Kentucky, Inc.

Contract # 7500040895

Total Change Orders to Date:

Low Bid: \$1,707,000

High Bid: \$1,707,000

Number of Bids: 1

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

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

Original Contract Amount: \$1,707,000

Cumulative Change Order Amount:

Revised Contract Amount: \$1,707,000

Contract Percent Complete: 44%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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: 22

Low Bid:

High Bid:

Original Contract Amount: \$23,367,318

Cumulative Change Order Amount: \$395,808

Revised Contract Amount: \$23,763,126

Contract Percent Complete: 8%

Number of Bids:

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

Change Order # 17, 8/8/14, was approved for an increase of \$250,260 to provide for disposal and oversight of disposal of non-friable asbestos discovered within the exterior cavity of Donovan Hall during demolition, as well as disposal of impacted materials such as exterior brick and portions of the concrete frame. Change Order # 19, 12/21/14, was approved for an increase of \$27,198 to provide for handling and disposal of non-friable asbestos discovered in the roof of the Werner Gren Addition and the parapet of the original Wenner Gren building. Change Order # 22, 12/21/14, was approved for an increase of \$27,278 to provide third party oversight and sampling/monitoring provided by Sierra Environmental during asbestos abatement and disposal on Donovan Hall as well as numerous locations of site utilities.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct, Expand, and Renovate Ambulatory Care Facility - UK HealthCare

Project Number: 2403.00

Scope: \$1,000,000

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.

Consultant: Moody Nolan

Contract # A161000ZZ

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:

\$41,200

Cumulative Amendment Amount:

Revised Contract Amount:

\$41,200

Contractor: 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

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: 65

Cumulative Change Order Amount: \$592,028

Low Bid:

Revised Contract Amount: \$16,105,284

High Bid:

Contract Percent Complete: 99%

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. **Change Order # 42, 10/18/14**, was approved for an increase of \$43,119 to enhance patient monitoring with wireless devices. **Change Order # 33, 10/29/14**, was approved for an increase of \$42,241 to modify existing utilities in the 3rd floor mechanical room to facilitate the installation of three new AHU's.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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: 23

Cumulative Change Order Amount: \$107,606

Low Bid:

Revised Contract Amount: \$2,801,138

High Bid:

Contract Percent Complete: 100%

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

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

Describe all amendments :

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.**

Original Contract Amount: \$427,000

Cumulative Amendment Amount: \$272,000

Revised Contract Amount: \$699,000

Contractor: Bluegrass Contracting Corp.

Contract # 7500031357

Total Change Orders to Date: 2

Low Bid: \$9,991,000

High Bid: \$5,404,487

Number of Bids: 9

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

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

Original Contract Amount: \$5,404,487

Cumulative Change Order Amount: \$27,438

Revised Contract Amount: \$5,431,925

Contract Percent Complete: 67%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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: 4

Cumulative Change Order Amount:

\$47,393

Low Bid:

Revised Contract Amount:

\$1,625,772

High Bid:

Contract Percent Complete:

100%

Number of Bids:

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

Change Order # 4, 12/17/14, was approved for an increase of \$26,026 to switch out nine residential style tank water closets in restrooms to be flush valve style water closets to prevent clogging.

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:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Emergency Replacement of Woodford County Feed Mill

Project Number: 2379.00

Scope: \$4,735,000

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.

Consultant: Lockett & Farley

Contract # A141000FF

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:

\$33,750

Cumulative Amendment Amount:

Revised Contract Amount:

\$33,750

Contractor: Denham-Blythe Company

Contract # 7500034682

Total Change Orders to Date: 2

Low Bid: \$4,087,431

High Bid: \$7,010,300

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. Change Order # 2, 12/12/14, was approved for an increase of \$26,400 to provide all third party construction monitoring, inspections, special inspections, and material testing for all phases of the project.

Original Contract Amount:

\$4,087,431

Cumulative Change Order Amount:

\$69,103

Revised Contract Amount:

\$4,156,534

Contract Percent Complete:

49%

Improve/Upgrade Alumni Drive

Project Number: 2412.00

Scope: \$5,000,000

Project Description:

Alumni Drive runs east-west along the southern portion of the University between Nicholasville and Tates Creek roads. The road has two twelve-foot travel lanes with narrow three-foot shoulders for the majority of the route. Alumni Drive serves both as a local access route for the surrounding campus, and as a cut-through connector route between the two principal arterials of Nicholasville and Tates Creek roads. This capital project will address several hazardous conditions along this thoroughfare.

Consultant: CDM Smith

Contract # A151120

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:

\$619,367

Cumulative Amendment Amount:

Revised Contract Amount:

\$619,367

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 Academic Facility - University Lofts Facility

Project Number: 2339.00

Project Description:

Scope: \$15,000,000

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. **No amendments this quarter.**

Contractor: D.W. Wilburn, Inc.

Contract # 7500026013

Original Contract Amount: \$12,273,000

Total Change Orders to Date: 37

Cumulative Change Order Amount: \$680,330

Low Bid: \$12,273,000

Revised Contract Amount: \$12,953,330

High Bid: \$16,195,000

Contract Percent Complete: 79%

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. **Change Order # 31**, 10/10/14, was approved for an increase of \$19,002 to provide for changes to security hardware and software to assure compatibility with the campus security system. **Change Order # 37**, 12/12/14, was approved for an increase of \$71,458 to add four art education offices by adapting the space of two faculty studios, relocating the faculty workroom, and adjusting the layout of the faculty lounge.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Academic/Administrative Space 5 (Employee Wellness Center)

Project Number: 2408.00

Project Description:

Scope: \$2,000,000

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 6,800 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.

Consultant: Lockett & Farley

Contract # A151130

Original Contract Amount:

\$195,320

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$195,320

No amendments this quarter.

Contractor: No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

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

Renovate Old Softball/Soccer Locker Room

Project Number: 2401.00

Project Description:

Scope: \$1,500,000

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

Original Contract Amount:

\$62,800

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$62,800

No amendments this quarter.

Contractor: No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Gatton Building

Project Number: 2345.00

Project Description:

Scope: \$65,000,000

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

Describe all amendments :

Revised Contract Amount: \$5,521,975

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. **No amendments this quarter.**

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: 61

Cumulative Change Order Amount: \$1,380,959

Low Bid:

Revised Contract Amount: \$52,540,371

High Bid:

Contract Percent Complete: 38%

Number of Bids:

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

Change Order # 1, 3/7/14, was approved for an increase of \$51,262 to provide labor, equipment, and material necessary to install 1,000 gallon grease trap and associated piping to comply with LFUCG standards for the food service component of the project. **Change Order # 5**, 3/18/14, was approved for an increase of \$105,784 to modify the site development design to include the changes in design from bid to the time the enabling package was released. The change was a result of fast tracking the project. **Change Order # 6**, 3/21/14, was approved for an increase of \$158,287 to install temporary underground storm and sanitary lines to maintain active sewer lines during the installation of the drilled piers and grade beam of the new addition. **Change Order # 17**, 6/27/14, was approved for an increase of \$29,627 to install a one hour fire rated infill partition at the separation of the '63 and '90's buildings. **Change Order # 24**, 8/21/14, was approved for an increase of \$55,072 to adjust the contract allowance based on unit prices for the actual volume of caissons as installed compared to the quantity in the contract. **Change Order # 25**, 8/26/14, was approved for an increase of \$58,007 to provide the labor and material as necessary for abatement of fittings above the specified amount in the bid documents. **Change Order # 30**, 9/19/14, was approved for an increase of \$53,211 to add a second retaining wall/seat wall to provide a less steep grade coming from University Drive. **Change Order # 35**, 10/3/14, was approved for an increase of \$44,336 to provide additional one-hour fire proofing in areas of roof decking under 20' in height. **Change Order # 36**, 10/3/14, was approved for an additional \$42,574 to use a varied floor pattern and color palate more in line with the design intent of the building and the atrium and lobbies. **Change Order # 43**, 11/6/14, was approved for an increase of \$75,000 to infill the existing holes in the first, second, third, and fourth floor slabs. Some extra large holes will require additional steel support for the repairs. **Change Order # 44**, 11/6/14, was approved for an increase of \$35,000 to infill the existing openings in the concrete masonry (CMU) chase walls. Small openings are to be filled with fire caulking and large ones with

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

CMU block. Change Order # 46, 11/7/14, was approved for an increase of \$44,068 to provide labor and material for switch from a knock-down hollow metal door frame to a welded frame on all doors. Change Order # 52, 11/24/14, was approved for an increase of \$27,387 to provide standpipes at the intermediate landings with a shaft surrounding the standpipe and valve cabinets to meet code requirements. Change Order # 55, 12/5/14, was approved for an increase of \$152,201 to make revisions to the power and low voltage plans in order to accommodate the forthcoming audio-visual package. Change Order # 58, 12/5/14, was approved for an increase of \$170,026 to provide changes to security hardware and software to assure compatibility with the campus security system.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Student Center

Project Number: 2396.00

Project Description:

Scope: \$175,000,000

The University's Student Center was originally constructed in 1938 and expanded in 1968 and 1982. The Student Center is heavily used by the entire University community with over 2,000,000 visitors annually. However, the approximately 260,000 square foot facility is no longer able to fully meet the needs of students, faculty, staff and other constituents in terms of quantity and quality of space.

This project will include selective demolition, expansion and renovation of the Student Center. Alumni Gym will be renovated and incorporated into the new Student Center. The project is expected to expand the University's Student Center to more than 367,387 square feet and will include an atrium, recreation area, lounges, conference facilities, entertainment venues, retail space, food service, bookstore, student organization space and administrative support offices.

Consultant: Omni Architects

Contract # A141210

Original Contract Amount: \$10,104,022

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$10,104,022

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 # 7500038441

Original Contract Amount: \$8,206,000

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$8,206,000

High Bid:

Contract Percent Complete:

Number of Bids:

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade Academic Space (Patterson Hall)

Project Number: 2417.00

Project Description:

Scope: \$10,000,000

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.

Consultant: Lord, Aeck & Sargent Inc.

Contract # A151160

Original Contract Amount:

\$701,057

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$701,057

No amendments this quarter.

Contractor: No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-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: 1

Cumulative Amendment Amount: \$97,400

Describe all amendments :

Revised Contract Amount: \$981,900

Amendment # 1, 12/9/14, an increase of \$97,400 was approved for additional design services as required to design, document, and specify remaining air handling units (AHU's) for shell space, fit up of additional temporary office space on the 12th floor of Pavillion A, additional negative pressure rooms, and any necessary changes to the roof structure to support mechanical equipment for these rooms.

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:

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Kitchen/Cafeteria, MRI and

Project Number: 2402.20

Project Description:

Scope: \$20,300,000

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.

Consultant: Stengel Hill Architects

Contract # A151150

Original Contract Amount:

\$1,361,379

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$1,361,379

No amendments this quarter.

Contractor: Turner Construction Co.

Contract # 7500040299

Original Contract Amount:

\$612,493

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

\$612,493

High Bid:

Contract Percent Complete:

Number of Bids:

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

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

Repair Upgrade 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:

95%

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:

Describe all amendments :

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: 12

Cumulative Change Order Amount:

\$393,719

Low Bid: \$2,127,453

Revised Contract Amount:

\$2,521,172

High Bid: \$2,910,662

Contract Percent Complete:

98%

Number of Bids: 5

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/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:

Describe all amendments :

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.

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: 1

Cumulative Amendment Amount: \$85,300

Describe all amendments :

Revised Contract Amount: \$238,410

Amendment # 1, 12/9/14, an increase of \$85,300 was approved to provide full design for the second phase of this project to include design, bidding, and construction administration services.

Contractor: Eubank & Steele Construction Co.

Contract # 7500031222

Original Contract Amount: \$1,670,350

Total Change Orders to Date: 17

Cumulative Change Order Amount: \$143,775

Low Bid: \$1,670,350

Revised Contract Amount: \$1,814,125

High Bid: \$1,724,526

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.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2400.00

Project Description:

Scope: \$862,500

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: 1

Cumulative Change Order Amount: -\$2,200

Low Bid: \$671,600

Revised Contract Amount: \$669,400

High Bid: \$787,000

Contract Percent Complete: 95%

Number of Bids: 3

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

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

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

Project Number: 2390.00

Project Description:

Scope: \$1,000,000

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:

Describe all amendments :

Revised Contract Amount: \$84,610

No amendments this quarter.

Contractor: Carl Walker Construction, Inc.

Contract # 7500031150

Original Contract Amount: \$491,897

Total Change Orders to Date: 15

Cumulative Change Order Amount: \$186,564

Low Bid: \$491,897

Revised Contract Amount: \$678,461

High Bid: \$765,000

Contract Percent Complete: 100%

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.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2374.00

Project Description:

Scope: \$2,350,000

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:

Describe all amendments :

Revised Contract Amount: \$53,285

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. The contract was awarded by RFP process.

Contract # 7500041592

Original Contract Amount: \$194,972

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$194,972

High Bid:

Contract Percent Complete: 1%

Number of Bids:

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

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

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:

Describe all amendments :

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:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade/Expand Commonwealth Stadium

Project Number: 2362.00

Scope: \$126,500,000

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: 2	Cumulative Amendment Amount:	\$472,628
Describe all amendments :	Revised Contract Amount:	\$8,840,092

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. Amendment # 2, 12/9/14, an increase of \$103,676 was approved for multiple additional services including renderings, special inspections, correction of existing structural deficiencies, redesign of camera deck, coordination with new food service vendor, unforeseen subsurface conditions, design of temporary bus shelters and access roads to accommodate construction, coordination with artificial turf contractor and to reconcile contract allowances.

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: 101	Cumulative Change Order Amount:	\$799,573
Low Bid:	Revised Contract Amount:	\$103,252,245
High Bid:	Contract Percent Complete:	37%

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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 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. Change Order # 62, 10/6/14, was approved for an increase of \$88,409 to remove fractured rock interfering with the new footings on the north side of the stadium. Change Order # 63, 10/6/14, was approved for a decrease of \$47,899 to provide a monetary credit for concrete donated to the project. Change Order # 67, 10/16/14, was approved for an increase of \$29,486 to modify and adjust the south field lighting system to allow for use of the existing lights rather than rental of field lighting for the 2014 season. Change Order # 71, 10/21/14, was approved for an increase of \$234,312 to furnish and install a number of miscellaneous metal items that were not defined when the structural steel bid package was released. Change Order # 72, 10/23/14, was approved for a decrease of \$118,196 to furnish a credit for a modification of the light fixture package. Change Order # 78, 11/6/14, was approved for a decrease of \$118,329 to furnish a credit for substituting the insulated metal wall panels at the four vertical transportation towers on the south sideline and the south camera deck with a more cost effective product. Change Order # 83, 11/6/14, was approved for an increase of \$378,666 to alter and refine the structural steel design to include an additional 76.7 tons of steel. Due to the fast track design approach required to meet the schedule requirements the steel package was bid prior to the completion of the final structural design. Change Order # 85, 11/6/14, was approved for an increase of \$117,695 to add eleven roof hatches and ten ladders to allow for safe access to the mechanical equipment on the roofs of the concession stands. Change Order # 90, 12/5/14, was approved for an increase of \$29,623 to revise the window washing tie-back davits locations and details to accommodate efficient and safe window cleaning. Change Order # 92, 12/21/14, was approved for an increase of \$26,400 to replace the double door, door frame, and hardware to electrical room 172. Change Order # 95, 12/21/14, was approved for an increase of \$27,983 to remove the three south temporary lights at the south side upper bowl. Change Order # 97, 12/21/14, was approved for an increase of \$41,082 to modify the domestic water piping throughout the stadium to allow a complete draining of the stadium followed by a refilling of those areas that will remain in service during the winter months. Change Order # 99, 12/21/14, was approved for an increase of \$132,654 to modify and provide additional elevator related steel. Final design was incomplete when the steel package was bid. Change Order # 100, 12/21/14, was approved for an increase of \$27,985 to alter and refine the structural steel design to include an additional four tons of steel necessary to complete final design modifications. Final design was incomplete when the steel package was bid.

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. **No amendments this quarter.**

Contractor: Turner Construction Co.

Contract # 7500034267

Original Contract Amount: \$699,999

Total Change Orders to Date: 8

Cumulative Change Order Amount: \$147,757

Low Bid: \$699,999

Revised Contract Amount: \$847,756

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade/Renovate Space in Multi-Disciplinary Science Building

Project Number: 2411.00

Scope: \$2,903,534

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.

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: